



EDUS121503

R-410A

Engineering Data

- Heat Pump -

Multi-Split Type Air Conditioners

2/3/4MXS-N Series



INVERTER

Part 1 Multi-Split Type Air Conditioners

2/3/4MXS-N Series 1

1. Power Supply	3
2. Functions.....	4
3. Specifications	10
3.1 Indoor Unit.....	10
3.2 Outdoor Unit.....	16
3.3 Combination Capacity: 2MXS18NMVJU	19
3.4 Combination Capacity: 3MXS24NMVJU	23
3.5 Combination Capacity: 4MXS36NMVJU	35
4. Dimensions	71
4.1 Indoor Unit.....	71
4.2 Outdoor Unit.....	78
5. Wiring Diagrams.....	80
5.1 Indoor Unit.....	80
5.2 Outdoor Unit.....	83
6. Piping Diagrams.....	85
6.1 Indoor Unit.....	85
6.2 Outdoor Unit.....	88
7. Capacity Tables	90
7.1 2MXS18NMVJU	90
7.2 3MXS24NMVJU	99
7.3 4MXS36NMVJU	145
7.4 Capacity Correction Factor by the Length of Refrigerant Piping (Reference)	285
8. Operation Limit.....	286
9. Fan Characteristics	287
10. Sound Level	289
10.1 Measuring Location	289
10.2 Indoor Unit.....	290
10.3 Outdoor Unit.....	294
11. Electric Characteristics.....	295

Part 2 Installation Manual..... 297

1. CTXS, FTXS, CDXS, FDXS, FVXS Series	298
1.1 Safety Considerations	298
1.2 CTXS07LVJU, FTXS09/12LVJU	300
1.3 FTXS15/18/24LVJU	311
1.4 FDXS09/12LVJU, CDXS15/18/24LVJU	321
1.5 FVXS09/12/18NVJU.....	332
2. FFQ Series.....	348
2.1 FFQ09/12/15/18LVJU	348
2.2 <BYFQ60B3W1> Decoration Panel	372
2.3 <BRC1E71> Wired Remote Controller.....	375
2.4 <BRC7E830> Wireless Remote Controller	395

3. Outdoor Unit.....	404
3.1 2MXS18NMVJU, 3MXS24NMVJU, 4MXS36NMVJU.....	404

Part 3 Operation Manual 423

1. CTXS, FTXS, CDXS, FDXS, FVXS Series	424
1.1 Manual Contents and Reference Page	424
1.2 Safety Considerations	425
1.3 Names of Parts.....	427
1.4 Preparation before Operation.....	439
1.5 AUTO · DRY · COOL · HEAT · FAN Operation	441
1.6 Adjusting the Airflow Direction and Rate	443
1.7 COMFORT AIRFLOW / INTELLIGENT EYE Operation.....	451
1.8 POWERFUL Operation	453
1.9 POWERFUL / ECONO / OUTDOOR UNIT QUIET Operation	454
1.10 OUTDOOR UNIT QUIET Operation.....	456
1.11 ECONO Operation	457
1.12 OFF TIMER Operation	458
1.13 ON TIMER Operation	459
1.14 WEEKLY TIMER Operation	460
1.15 Note for Multi System	466
1.16 Care and Cleaning	468
1.17 Troubleshooting.....	480
1.18 Quick Reference.....	490
2. FFQ Series.....	491
2.1 With <BRC1E71> Wired Remote Controller	497
2.2 With <BRC7E830> Wireless Remote Controller	540

Part 4 Options..... 553

1. Option List.....	554
1.1 Indoor Unit.....	554
1.2 Outdoor Unit.....	555
2. Control Devices.....	556
2.1 <BRC944B2> Wired Remote Controller.....	556
2.2 <KRC72A> Centralized Control Board-Up to 5 Rooms.....	570
2.3 <KRP413AB1S> Wiring Adaptor for Timer Clock / Remote Controller	572
2.4 <KRP928BB2S> Interface Adaptor for DIII-NET (Residential Air Conditioner)	576
2.5 <DTA112BA51> Interface Adaptor for DIII-NET (SkyAir).....	579
2.6 <KRP1C75> Adaptor for Wiring	580
2.7 <KRP4A74> Wiring Adaptor for Electrical Appendices.....	581
2.8 <KRP1BA101> Installation Box for Adaptor PCB	582
2.9 <KRCS01-1A> Remote Sensor.....	584
3. Options for Indoor Unit.....	587
3.1 <KDT25N32, KDT25N50> Insulation Kit for High Humidity	587
3.2 <KDBH44BA60> Sealing Member of Air Discharge Outlet.....	588

3.3	<KDBQ44BA60A> Panel Spacer	591
3.4	<KDDQ44XA60> Fresh Air Intake Kit	593
4.	Options for Outdoor Unit	595
4.1	<KPW063A4> Air Direction Adjustment Grille.....	595

Cautions



1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided and choose an outdoor unit with anti-corrosion treatment.

Part 1

Multi-Split Type Air Conditioners 2/3/4MXS-N Series

1

CTXS07LVJU	FVXS09NVJU	2MXS18NMVJU
FTXS09LVJU	FVXS12NVJU	3MXS24NMVJU
FTXS12LVJU	FVXS18NVJU	4MXS36NMVJU
FTXS15LVJU	FFQ09LVJU	
FTXS18LVJU	FFQ12LVJU	
FTXS24LVJU	FFQ15LVJU	
FDXS09LVJU	FFQ18LVJU	
FDXS12LVJU		
CDXS15LVJU		
CDXS18LVJU		
CDXS24LVJU		

1. Power Supply	3
2. Functions.....	4
3. Specifications	10
3.1 Indoor Unit.....	10
3.2 Outdoor Unit.....	16
3.3 Combination Capacity: 2MXS18NMVJU	19
3.4 Combination Capacity: 3MXS24NMVJU	23
3.5 Combination Capacity: 4MXS36NMVJU	35
4. Dimensions	71
4.1 Indoor Unit.....	71
4.2 Outdoor Unit.....	78
5. Wiring Diagrams.....	80
5.1 Indoor Unit.....	80
5.2 Outdoor Unit.....	83
6. Piping Diagrams.....	85
6.1 Indoor Unit.....	85
6.2 Outdoor Unit.....	88
7. Capacity Tables	90
7.1 2MXS18NMVJU	90

7.2	3MXS24NMVJU	99
7.3	4MXS36NMVJU	145
7.4	Capacity Correction Factor by the Length of Refrigerant Piping (Reference)	285
8.	Operation Limit.....	286
9.	Fan Characteristics	287
10.	Sound Level	289
10.1	Measuring Location	289
10.2	Indoor Unit.....	290
10.3	Outdoor Unit.....	294
11.	Electric Characteristics.....	295

1. Power Supply

1

Indoor Unit		Outdoor Unit	Power Supply
CTXS, FTXS Series	CTXS07LVJU	2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU	1 phase, 208 - 230 V, 60 Hz
	FTXS09LVJU		
	FTXS12LVJU		
	FTXS15LVJU		
	FTXS18LVJU		
	FTXS24LVJU		
CDXS, FDXS Series	FDXS09LVJU		
	FDXS12LVJU		
	CDXS15LVJU		
	CDXS18LVJU		
	CDXS24LVJU		
FVXS Series	FVXS09NVJU		
	FVXS12NVJU		
	FVXS18NVJU		
FFQ Series	FFQ09LVJU		
	FFQ12LVJU		
	FFQ15LVJU		
	FFQ18LVJU		

Note: Power Supply Intake ; Outdoor Unit

2. Functions

Category	Functions	CTXS07LVJU	Category	Functions	CTXS07LVJU
Basic Function	Inverter (with inverter power control)	●	Health & Clean	Air-purifying filter	—
	Operation limit for cooling (°CDB)	—		Photocatalytic deodorizing filter	—
	Operation limit for cooling (°FDB)	—		Air-purifying filter with photocatalytic deodorizing function	—
	Operation limit for heating (°CWB)	—		Titanium apatite photocatalytic air-purifying filter	●
	Operation limit for heating (°FWB)	—		Longlife filter (option)	—
	PAM control	—		Air filter (prefilter)	●
Compressor	Oval scroll compressor	—	Wipe-clean flat panel	●	
	Swing compressor	—	Washable grille	—	
	Rotary compressor	—	Filter cleaning indicator	—	
	Reluctance DC motor	—	Good-sleep cooling operation	—	
Comfortable Airflow	Power-airflow flap (horizontal blade)	—	Timer	WEEKLY TIMER operation	●
	Power-airflow dual flaps	●		24-hour ON/OFF TIMER	●
	Power-airflow diffuser	—		NIGHT SET mode	●
	Wide-angle louvers (vertical blades)	●	Worry Free (Reliability & Durability)	Auto-restart (after power failure)	●
	Auto-swing (up and down)	●		Self-diagnosis (R/C, LED)	●
	Auto-swing (right and left)	●		Wiring error check function	—
	3-D airflow	●		Anti-corrosion treatment of outdoor heat exchanger	—
	COMFORT AIRFLOW operation	●		Flexibility	Multi-split / split type compatible indoor unit
Comfort Control	Auto fan speed	●	Flexible power supply correspondence		—
	Indoor unit quiet operation	●	High ceiling application		—
	NIGHT QUIET mode (automatic)	—	Chargeless		—
	OUTDOOR UNIT QUIET operation (manual)	●	Either side drain (right or left)		●
	INTELLIGENT EYE operation	●	Power selection		—
	Quick warming function	—	°F/°C changeover R/C temperature display (factory setting: °F)		●
	Hot-start function	●	Remote Control		5-room centralized controller (option)
Automatic defrosting	—	Remote control adaptor (normal open pulse contact) (option)		●	
Operation	Automatic operation	●		Remote control adaptor (normal open contact) (option)	●
	Program dry function	●	DIII-NET compatible (adaptor) (option)	●	
	Fan only	●	Remote Controller	Wireless	●
Lifestyle Convenience	New POWERFUL operation (non-inverter)	—		Wired (option)	●
	Inverter POWERFUL operation	●			
	Priority-room setting	—			
	COOL / HEAT mode lock	—			
	HOME LEAVE operation	—			
	ECONO operation	●			
	Indoor unit ON/OFF button	●			
	Signal receiving sign	●			
	R/C with back light	●			
Temperature display	—				

Note: ● : Available
 — : Not available

Category	Functions			Category	Functions			
		FTXS09/12LVJU	FTXS15/18/24LVJU			FTXS09/12LVJU	FTXS15/18/24LVJU	
Basic Function	Inverter (with inverter power control)	●	●	Health & Clean	Air-purifying filter	—	—	
	Operation limit for cooling (°CDB)	—	—		Photocatalytic deodorizing filter	—	—	
	Operation limit for cooling (°FDB)	—	—		Air-purifying filter with photocatalytic deodorizing function	—	—	
	Operation limit for heating (°CWB)	—	—		Titanium apatite photocatalytic air-purifying filter	●	●	
	Operation limit for heating (°FWB)	—	—		Longlife filter (option)	—	—	
	PAM control	—	—		Air filter (prefilter)	●	●	
Compressor	Oval scroll compressor	—	—	Timer	Wipe-clean flat panel	●	●	
	Swing compressor	—	—		Washable grille	—	—	
	Rotary compressor	—	—		Filter cleaning indicator	—	—	
	Reluctance DC motor	—	—		Good-sleep cooling operation	—	—	
Comfortable Airflow	Power-airflow flap (horizontal blade)	—	—		Worry Free (Reliability & Durability)	WEEKLY TIMER operation	●	●
	Power-airflow dual flaps	●	●			24-hour ON/OFF TIMER	●	●
	Power-airflow diffuser	—	—			NIGHT SET mode	●	●
	Wide-angle louvers (vertical blades)	●	●		Auto-restart (after power failure)	●	●	
	Auto-swing (up and down)	●	●		Self-diagnosis (R/C, LED)	●	●	
	Auto-swing (right and left)	●	●		Wiring error check function	—	—	
	3-D airflow	●	●	Anti-corrosion treatment of outdoor heat exchanger	—	—		
Comfort Control	COMFORT AIRFLOW operation	●	●	Flexibility	Multi-split / split type compatible indoor unit	●	●	
	Auto fan speed	●	●		Flexible power supply correspondence	—	—	
	Indoor unit quiet operation	●	●		High ceiling application	—	—	
	NIGHT QUIET mode (automatic)	—	—		Chargeless	—	—	
	OUTDOOR UNIT QUIET operation (manual)	●	●		Either side drain (right or left)	●	●	
	INTELLIGENT EYE operation	●	●		Power selection	—	—	
	Quick warming function	—	—		°F/°C changeover R/C temperature display (factory setting: °F)	●	●	
	Hot-start function	●	●		Remote Control	5-room centralized controller (option)	●	●
Automatic defrosting	—	—	Remote control adaptor (normal open pulse contact) (option)	●		●		
Operation	Automatic operation	●	●	Remote Controller	Remote control adaptor (normal open contact) (option)	●	●	
	Program dry function	●	●		DIII-NET compatible (adaptor) (option)	●	●	
	Fan only	●	●	Wireless	●	●		
Lifestyle Convenience	New POWERFUL operation (non-inverter)	—	—	Remote Controller	Wired (option)	●	●	
	Inverter POWERFUL operation	●	●					
	Priority-room setting	—	—					
	COOL / HEAT mode lock	—	—					
	HOME LEAVE operation	—	—					
	ECONO operation	●	●					
	Indoor unit ON/OFF button	●	●					
	Signal receiving sign	●	●					
	R/C with back light	●	●					
Temperature display	—	—						

Note: ● : Available
 — : Not available

Category	Functions	FDXS09/12LVJU	CDXS15/18/24LVJU	Category	Functions	FDXS09/12LVJU	CDXS15/18/24LVJU	
Basic Function	Inverter (with inverter power control)	●	●	Health & Clean	Air-purifying filter	—	—	
	Operation limit for cooling (°CDB)	—	—		Photocatalytic deodorizing filter	—	—	
	Operation limit for cooling (°FDB)	—	—		Air-purifying filter with photocatalytic deodorizing function	—	—	
	Operation limit for heating (°CWB)	—	—		Titanium apatite photocatalytic air-purifying filter	—	—	
	Operation limit for heating (°FWB)	—	—		Longlife filter (option)	—	—	
PAM control	—	—	Air filter (prefilter)		●	●		
Compressor	Oval scroll compressor	—	—		Wipe-clean flat panel	—	—	
	Swing compressor	—	—		Washable grille	—	—	
	Rotary compressor	—	—		Filter cleaning indicator	—	—	
	Reluctance DC motor	—	—		Good-sleep cooling operation	—	—	
Comfortable Airflow	Power-airflow flap (horizontal blade)	—	—	Timer	WEEKLY TIMER operation	—	—	
	Power-airflow dual flaps	—	—		24-hour ON/OFF TIMER	●	●	
	Power-airflow diffuser	—	—		NIGHT SET mode	●	●	
	Wide-angle louvers (vertical blades)	—	—	Worry Free (Reliability & Durability)	Auto-restart (after power failure)	●	●	
	Auto-swing (up and down)	—	—		Self-diagnosis (R/C, LED)	●	●	
	Auto-swing (right and left)	—	—		Wiring error check function	—	—	
	3-D airflow	—	—		Anti-corrosion treatment of outdoor heat exchanger	—	—	
	COMFORT AIRFLOW operation	—	—		Flexibility	Multi-split / split type compatible indoor unit	●	—
Comfort Control	Auto fan speed	●	●	Flexible power supply correspondence		—	—	
	Indoor unit quiet operation	●	●	High ceiling application		—	—	
	NIGHT QUIET mode (automatic)	—	—	Chargeless		—	—	
	OUTDOOR UNIT QUIET operation (manual)	●	●	Either side drain (right or left)		—	—	
	INTELLIGENT EYE operation	—	—	Power selection		—	—	
	Quick warming function	—	—	°F/°C changeover R/C temperature display (factory setting: °F)		●	●	
	Hot-start function	●	●			Remote Control	5-room centralized controller (option)	●
	Automatic defrosting	—	—		Remote control adaptor (normal open pulse contact) (option)		●	●
Operation	Automatic operation	●	●	Remote control adaptor (normal open contact) (option)	●	●		
	Program dry function	●	●	DIII-NET compatible (adaptor) (option)	●	●		
	Fan only	●	●	Remote Controller	Wireless (option)	●	●	
Lifestyle Convenience	New POWERFUL operation (non-inverter)	—	—		Wired (option)	●	●	
	Inverter POWERFUL operation	●	●					
	Priority-room setting	—	—					
	COOL / HEAT mode lock	—	—					
	HOME LEAVE operation	—	—					
	ECONO operation	●	●					
	Indoor unit ON/OFF button	●	●					
	Signal receiving sign	●	●					
	R/C with back light	●	●					
Temperature display	—	—						

Note: ● : Available
 — : Not available

Category	Functions	FVXS09/12/18NVJU	Category	Functions	FVXS09/12/18NVJU
Basic Function	Inverter (with inverter power control)	●	Health & Clean	Air-purifying filter	—
	Operation limit for cooling (°CDB)	—		Photocatalytic deodorizing filter	—
	Operation limit for cooling (°FDB)	—		Air-purifying filter with photocatalytic deodorizing function	—
	Operation limit for heating (°CWB)	—		Titanium apatite photocatalytic air-purifying filter	●
	Operation limit for heating (°FWB)	—		Longlife filter (option)	—
	PAM control	—		Air filter (prefilter)	●
Compressor	Oval scroll compressor	—	Wipe-clean flat panel	●	
	Swing compressor	—	Washable grille	—	
	Rotary compressor	—	Filter cleaning indicator	—	
	Reluctance DC motor	—	Good-sleep cooling operation	—	
Comfortable Airflow	Power-airflow flap (horizontal blade)	—	Timer	WEEKLY TIMER operation	●
	Power-airflow dual flaps	—		24-hour ON/OFF TIMER	●
	Power-airflow diffuser	—		NIGHT SET mode	●
	Wide-angle louvers (vertical blades)	●	Worry Free (Reliability & Durability)	Auto-restart (after power failure)	●
	Auto-swing (up and down)	●		Self-diagnosis (R/C, LED)	●
	Auto-swing (right and left)	—		Wiring error check function	—
	3-D airflow	—		Anti-corrosion treatment of outdoor heat exchanger	—
	COMFORT AIRFLOW operation	—		Flexibility	Multi-split / split type compatible indoor unit
Comfort Control	Auto fan speed	●	Flexible power supply correspondence		—
	Indoor unit quiet operation	●	High ceiling application		—
	NIGHT QUIET mode (automatic)	—	Chargeless		—
	OUTDOOR UNIT QUIET operation (manual)	●	Either side drain (right or left)		—
	INTELLIGENT EYE operation	—	Power selection		—
	Quick warming function	—	°F/°C changeover R/C temperature display (factory setting: °F)		●
	Hot-start function	●	Remote Control	5-room centralized controller (option)	●
	Automatic defrosting	—		Remote control adaptor (normal open pulse contact) (option)	●
Operation	Automatic operation	●		Remote control adaptor (normal open contact) (option)	●
	Program dry function	●	DIII-NET compatible (adaptor) (option)	●	
	Fan only	●	Remote Controller	Wireless	●
Lifestyle Convenience	New POWERFUL operation (non-inverter)	—		Wired (option)	—
	Inverter POWERFUL operation	●			
	Priority-room setting	—			
	COOL / HEAT mode lock	—			
	HOME LEAVE operation	—			
	ECONO operation	●			
	Indoor unit ON/OFF button	●			
	Signal receiving sign	●			
	R/C with back light	●			
Temperature display	—				

Note: ● : Available
 — : Not available

Category	Functions	FFQ09/12/15/18LVJU	Category	Functions	FFQ09/12/15/18LVJU
Basic Function	Inverter (with inverter power control)	●	Health & Clean	Air-purifying filter	—
	Operation limit for cooling (°CDB)	—		Photocatalytic deodorizing filter	—
	Operation limit for cooling (°FDB)	—		Air-purifying filter with photocatalytic deodorizing function	—
	Operation limit for heating (°CWB)	—		Titanium apatite photocatalytic air-purifying filter	—
	Operation limit for heating (°FWB)	—		Longlife filter (option)	●
	PAM control	—		Air filter (prefilter)	—
Compressor	Oval scroll compressor	—	Timer	Wipe-clean flat panel	—
	Swing compressor	—		Washable grille	●
	Rotary compressor	—		Filter cleaning indicator	●
	Reluctance DC motor	—		Good-sleep cooling operation	—
Comfortable Airflow	Power-airflow flap (horizontal blade)	—	Worry Free (Reliability & Durability)	WEEKLY TIMER operation	●★2
	Power-airflow dual flaps	—		24-hour ON/OFF TIMER	—
	Power-airflow diffuser	—		72-hour ON/OFF TIMER	●★1
	Wide-angle louvers (vertical blades)	—		NIGHT SET mode	—
	Auto-swing (up and down)	●	Flexibility	Auto-restart (after power failure)	●
	Auto-swing (right and left)	—		Self-diagnosis (R/C, LED)	●
	3-D airflow	—		Wiring error check function	—
	COMFORT AIRFLOW operation	—		Anti-corrosion treatment of outdoor heat exchanger	—
Comfort Control	Auto fan speed	—	Flexibility	Multi-split / split type compatible indoor unit	—
	Indoor unit quiet operation	—		Flexible power supply correspondence	—
	NIGHT QUIET mode (automatic)	—		High ceiling application	—
	OUTDOOR UNIT QUIET operation (manual)	—		Chargeless	—
	INTELLIGENT EYE operation	—		Either side drain (right or left)	—
	Quick warming function	—		Power selection	—
	Hot-start function	●		°F/°C changeover R/C temperature display (factory setting: °F)	●★2
	Automatic defrosting	—			
Operation	Automatic operation	●	Remote Control	5-room centralized controller (option)	—
	Program dry function	●		Remote control adaptor (normal open pulse contact) (option)	—
	Fan only	●		Remote control adaptor (normal open contact) (option)	—
Lifestyle Convenience	New POWERFUL operation (non-inverter)	—	Remote Control	DIII-NET compatible (adaptor) (option)	●
	Inverter POWERFUL operation	—		Wireless (option)	●
	Priority-room setting	—		Wired (option)	●
	COOL / HEAT mode lock	—			
	HOME LEAVE operation	—			
	ECONO operation	—			
	Indoor unit ON/OFF button	●★1			
	Signal receiving sign	●★1			
	R/C with back light	●★2			
	Temperature display	—			

Note: ● : Available
 — : Not available

★1: With wireless remote controller
 ★2: With wired remote controller

Category	Functions			Category	Functions			
		2MXS18NMVJU	3MXS24NMVJU 4MXS36NMVJU			2MXS18NMVJU	3MXS24NMVJU 4MXS36NMVJU	
Basic Function	Inverter (with inverter power control)	●	●	Health & Clean	Air-purifying filter	—	—	
	Operation limit for cooling (°CDB)	-10 ~ 46	-10 ~ 46		Photocatalytic deodorizing filter	—	—	
	Operation limit for cooling (°FDB)	14 ~ 114.8	14 ~ 114.8		Air-purifying filter with photocatalytic deodorizing function	—	—	
	Operation limit for heating (°CWB)	-15 ~ 15.5	-15 ~ 15.5		Titanium apatite photocatalytic air-purifying filter	—	—	
	Operation limit for heating (°FWB)	5 ~ 59.9	5 ~ 59.9		Longlife filter (option)	—	—	
	PAM control	●	●		Air filter (prefilter)	—	—	
Compressor	Oval scroll compressor	—	—	Timer	Wipe-clean flat panel	—	—	
	Swing compressor	●	●		Washable grille	—	—	
	Rotary compressor	—	—		Filter cleaning indicator	—	—	
	Reluctance DC motor	●	●		Good-sleep cooling operation	—	—	
Comfortable Airflow	Power-airflow flap (horizontal blade)	—	—	Worry Free (Reliability & Durability)	WEEKLY TIMER operation	—	—	
	Power-airflow dual flaps	—	—		24-hour ON/OFF timer	—	—	
	Power-airflow diffuser	—	—		NIGHT SET mode	—	—	
	Wide-angle louvers (vertical blades)	—	—	Flexibility	Auto-restart (after power failure)	—	—	
	Auto-swing (up and down)	—	—		Self-diagnosis (R/C, LED)	●	●	
	Auto-swing (right and left)	—	—		Wiring error check function	●	●	
	3-D airflow	—	—		Anti-corrosion treatment of outdoor heat exchanger	●	●	
COMFORT AIRFLOW operation	—	—	Remote Control	Multi-split / split type compatible indoor unit	—	—		
Comfort Control	Auto fan speed	—		—	Flexible power supply correspondence	—	—	
	Indoor unit quiet operation	—		—	High ceiling application	—	—	
	NIGHT QUIET mode (automatic)	●		●	Chargeless	98.4 ft (30 m)	131.6 ft (40 m)	
	OUTDOOR UNIT QUIET operation (manual)	●		●	Either side drain (right or left)	—	—	
	INTELLIGENT EYE operation	—		—	Power selection	—	—	
	Quick warming function	●		●	°F/°C changeover R/C temperature display (factory setting: °F)	—	—	
	Hot-start function	—		—	Remote Controller	5-room centralized controller (option)	—	—
	Automatic defrosting	●	●	Remote control adaptor (normal open pulse contact) (option)		—	—	
Operation	Automatic operation	—	—	Remote control adaptor (normal open contact) (option)		—	—	
	Program dry function	—	—	DIII-NET compatible (adaptor) (option)	—	—		
	Fan only	—	—	Lifestyle Convenience	Wireless	—	—	
	Lifestyle Convenience	New POWERFUL operation (non-inverter)	—		—	Wired (option)	—	—
		Inverter POWERFUL operation	—		—			
		Priority-room setting	●		●			
		COOL / HEAT mode lock	●		●			
		HOME LEAVE operation	—		—			
		ECONO operation	—		—			
		Indoor unit ON/OFF button	—		—			
Signal receiving sign		—	—					
R/C with back light		—	—					
Temperature display		—	—					

Note: ● : Available
— : Not available

3. Specifications

3.1 Indoor Unit

60 Hz, 208 - 230 V

Model			CTXS07LVJU	
			Cooling	Heating
Rated Capacity ★			7 kBtu/h Class	
Front Panel Color			White	
Airflow Rate	H	cfm (m³/min)	332 (9.4)	350 (9.9)
	M		261 (7.4)	290 (8.2)
	L		194 (5.5)	233 (6.6)
	SL		145 (4.1)	219 (6.2)
Fan	Type	Cross Flow Fan		
	Motor Output	W	23	
	Speed	Steps	5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downward	
Air Filter			Removable, Washable, Mildew Proof	
Running Current (Rated)		A	0.09 - 0.08	0.11 - 0.10
Power Consumption (Rated)		W	18 - 18	21 - 21
Power Factor (Rated)		%	96.2 - 97.8	91.8 - 91.3
Temperature Control			Microcomputer Control	
Dimensions (H x W x D)		in. (mm)	11-5/8 x 31-1/2 x 8-7/16 (295 x 800 x 215)	
Packaged Dimensions (H x W x D)		in. (mm)	10-13/16 x 34-1/4 x 14-7/16 (274 x 870 x 366)	
Weight (Mass)		Lbs (kg)	20 (9)	
Gross Weight (Gross Mass)		Lbs (kg)	29 (13)	
Sound Pressure Level	H / M / L / SL	dB(A)	38 / 32 / 25 / 22	38 / 33 / 28 / 25
Sound Power Level		dB	54	54
Heat Insulation			Both Liquid and Gas Pipes	
Piping Connections	Liquid	in. (mm)	φ 1/4 (φ 6.4)	
	Gas	in. (mm)	φ 3/8 (φ 9.5)	
	Drain	in. (mm)	φ 5/8 (φ 16.0)	
Drawing No.			3D075490	

Model			FTXS09LVJU		FTXS12LVJU	
			Cooling	Heating	Cooling	Heating
Rated Capacity ★			9 kBtu/h Class		12 kBtu/h Class	
Front Panel Color			White		White	
Airflow Rate	H	cfm (m³/min)	381 (10.8)	420 (11.9)	403 (11.4)	438 (12.4)
	M		279 (7.9)	321 (9.1)	307 (8.7)	335 (9.5)
	L		194 (5.5)	233 (6.6)	205 (5.8)	240 (6.8)
	SL		145 (4.1)	219 (6.2)	155 (4.4)	212 (6.0)
Fan	Type	Cross Flow Fan				
	Motor Output	W	23		23	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downward		Right, Left, Horizontal, Downward	
Air Filter			Removable, Washable, Mildew Proof		Removable, Washable, Mildew Proof	
Running Current (Rated)		A	0.09 - 0.08	0.11 - 0.10	0.13 - 0.12	0.14 - 0.13
Power Consumption (Rated)		W	18 - 18	21 - 21	26 - 26	28 - 28
Power Factor (Rated)		%	96.2 - 97.8	91.8 - 91.3	96.2 - 94.2	96.2 - 93.6
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H x W x D)		in. (mm)	11-5/8 x 31-1/2 x 8-7/16 (295 x 800 x 215)		11-5/8 x 31-1/2 x 8-7/16 (295 x 800 x 215)	
Packaged Dimensions (H x W x D)		in. (mm)	10-13/16 x 34-1/4 x 14-7/16 (274 x 870 x 366)		10-13/16 x 34-1/4 x 14-7/16 (274 x 870 x 366)	
Weight (Mass)		Lbs (kg)	20 (9)		22 (10)	
Gross Weight (Gross Mass)		Lbs (kg)	29 (13)		31 (14)	
Sound Pressure Level	H / M / L / SL	dB(A)	41 / 33 / 25 / 22	42 / 35 / 28 / 25	45 / 37 / 29 / 23	45 / 39 / 29 / 26
Sound Power Level		dB	57	58	61	61
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	in. (mm)	φ 1/4 (φ 6.4)		φ 1/4 (φ 6.4)	
	Gas	in. (mm)	φ 3/8 (φ 9.5)		φ 3/8 (φ 9.5)	
	Drain	in. (mm)	φ 5/8 (φ 16.0)		φ 5/8 (φ 16.0)	
Drawing No.			3D075491		3D075492	

Note: ★See page 19 ~ 70 "Combination Capacity".

Conversion Formulae
kcal/h = kW × 860
Btu/h = kW × 3412
cfm = m³/min × 35.3

Model			FTXS15LVJU		FTXS18LVJU	
			Cooling	Heating	Cooling	Heating
Rated Capacity ★			15 kBtu/h Class		18 kBtu/h Class	
Front Panel Color			White		White	
Airflow Rate	H	cfm (m³/min)	568 (16.1)	593 (16.8)	583 (16.5)	625 (17.7)
	M		477 (13.5)	505 (14.3)	484 (13.7)	526 (14.9)
	L		385 (10.9)	417 (11.8)	385 (10.9)	431 (12.2)
	SL		360 (10.2)	371 (10.5)	360 (10.2)	399 (11.3)
Fan	Type		Cross Flow Fan		Cross Flow Fan	
	Motor Output	W	48		48	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downward		Right, Left, Horizontal, Downward	
Air Filter			Removable, Washable, Mildew Proof		Removable, Washable, Mildew Proof	
Running Current (Rated)	A		0.31 - 0.29	0.31 - 0.29	0.32 - 0.30	0.32 - 0.30
Power Consumption (Rated)	W		38 - 38	38 - 38	38 - 38	38 - 38
Power Factor (Rated)	%		58.9 - 57.0	58.9 - 57.0	57.1 - 55.1	57.1 - 55.1
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H x W x D)	in. (mm)		13-3/8 x 41-5/16 x 9-3/4 (340 x 1,050 x 248)		13-3/8 x 41-5/16 x 9-3/4 (340 x 1,050 x 248)	
Packaged Dimensions (H x W x D)	in. (mm)		13 x 45-11/16 x 16-7/8 (331 x 1,160 x 429)		13 x 45-11/16 x 16-7/8 (331 x 1,160 x 429)	
Weight (Mass)	Lbs (kg)		31 (14)		31 (14)	
Gross Weight (Gross Mass)	Lbs (kg)		44 (20)		44 (20)	
Sound Pressure Level	H / M / L / SL	dB(A)	45 / 40 / 35 / 32	43 / 38 / 33 / 30	46 / 41 / 36 / 33	45 / 40 / 35 / 32
Sound Power Level		dB	61	59	62	61
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	in. (mm)	φ 1/4 (φ 6.4)		φ 1/4 (φ 6.4)	
	Gas	in. (mm)	φ 1/2 (φ 12.7)		φ 1/2 (φ 12.7)	
	Drain	in. (mm)	φ 5/8 (φ 16.0)		φ 5/8 (φ 16.0)	
Drawing No.			3D075043		3D075044	

Model			FTXS24LVJU	
			Cooling	Heating
Rated Capacity ★			24 kBtu/h Class	
Front Panel Color			White	
Airflow Rate	H	cfm (m³/min)	643 (18.2)	699 (19.8)
	M		494 (14.0)	572 (16.2)
	L		350 (9.9)	445 (12.6)
	SL		328 (9.3)	403 (11.4)
Fan	Type		Cross Flow Fan	
	Motor Output	W	48	
	Speed	Steps	5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downward	
Air Filter			Removable, Washable, Mildew Proof	
Running Current (Rated)	A		0.57 - 0.51	0.57 - 0.51
Power Consumption (Rated)	W		69 - 68	69 - 68
Power Factor (Rated)	%		58.2 - 58.0	58.2 - 58.0
Temperature Control			Microcomputer Control	
Dimensions (H x W x D)	in. (mm)		13-3/8 x 41-5/16 x 9-3/4 (340 x 1,050 x 248)	
Packaged Dimensions (H x W x D)	in. (mm)		13 x 45-11/16 x 16-7/8 (331 x 1,160 x 429)	
Weight (Mass)	Lbs (kg)		31 (14)	
Gross Weight (Gross Mass)	Lbs (kg)		46 (21)	
Sound Pressure Level	H / M / L / SL	dB(A)	51 / 44 / 37 / 34	48 / 42 / 37 / 34
Sound Power Level		dB	67	64
Heat Insulation			Both Liquid and Gas Pipes	
Piping Connections	Liquid	in. (mm)	φ 1/4 (φ 6.4)	
	Gas	in. (mm)	φ 5/8 (φ 15.9)	
	Drain	in. (mm)	φ 5/8 (φ 16.0)	
Drawing No.			3D075045	

Note: ★ See page 19 ~ 70 "Combination Capacity".

Conversion Formulae
kcal/h = kW x 860
Btu/h = kW x 3412
cfm = m³/min x 35.3

60 Hz, 208 - 230 V

Model			FDXS09LVJU		FDXS12LVJU	
			Cooling	Heating	Cooling	Heating
Rated Capacity ★			9 kBtu/h Class		12 kBtu/h Class	
External Static Pressure		inAq (Pa)	0.12 (30)		0.12 (30)	
Airflow Rate	H	cfm (m³/min)	305 (8.6)	305 (8.6)	305 (8.6)	305 (8.6)
	M		280 (7.9)	280 (7.9)	280 (7.9)	280 (7.9)
	L		260 (7.4)	260 (7.4)	260 (7.4)	260 (7.4)
	SL		235 (6.7)	235 (6.7)	235 (6.7)	235 (6.7)
Fan	Type	Sirocco Fan		Sirocco Fan		
	Motor Output	W	62		62	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Filter			Removable, Washable, Mildew Proof		Removable, Washable, Mildew Proof	
Running Current (Rated)		A	0.58 - 0.52	0.58 - 0.52	0.58 - 0.52	0.58 - 0.52
Power Consumption (Rated)		W	72 - 72	72 - 72	72 - 72	72 - 72
Power Factor (Rated)		%	59.7 - 60.2	59.7 - 60.2	59.7 - 60.2	59.7 - 60.2
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H x W x D)		in. (mm)	7-7/8 x 27-9/16 x 24-7/16 (200 x 700 x 620)		7-7/8 x 27-9/16 x 24-7/16 (200 x 700 x 620)	
Packaged Dimensions (H x W x D)		in. (mm)	10-13/16 x 36-5/16 x 30-1/4 (274 x 923 x 768)		10-13/16 x 36-5/16 x 30-1/4 (274 x 923 x 768)	
Weight (Mass)		Lbs (kg)	47 (21)		47 (21)	
Gross Weight (Gross Mass)		Lbs (kg)	64 (29)		64 (29)	
Sound Pressure Level	H / M / L	dB(A)	35 / 33 / 31	35 / 33 / 31	35 / 33 / 31	35 / 33 / 31
Sound Power Level		dB	51	51	51	51
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	in. (mm)	φ 1/4 (φ 6.4)		φ 1/4 (φ 6.4)	
	Gas	in. (mm)	φ 3/8 (φ 9.5)		φ 3/8 (φ 9.5)	
	Drain	in. (mm)	φ 25/32 (φ 20)		φ 25/32 (φ 20)	
Drawing No.			3D075493		3D075494	

Model			CDXS15LVJU		CDXS18LVJU	
			Cooling	Heating	Cooling	Heating
Rated Capacity ★			15 kBtu/h Class		18 kBtu/h Class	
External Static Pressure		inAq (Pa)	0.16 (40)		0.16 (40)	
Airflow Rate	H	cfm (m³/min)	424 (12.0)	424 (12.0)	424 (12.0)	424 (12.0)
	M		388 (11.0)	388 (11.0)	388 (11.0)	388 (11.0)
	L		353 (10.0)	353 (10.0)	353 (10.0)	353 (10.0)
	SL		297 (8.4)	297 (8.4)	297 (8.4)	297 (8.4)
Fan	Type	Sirocco Fan		Sirocco Fan		
	Motor Output	W	130		130	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Filter			Removable, Washable, Mildew Proof		Removable, Washable, Mildew Proof	
Running Current (Rated)		A	0.79	0.79	0.79	0.79
Power Consumption (Rated)		W	172	172	172	172
Power Factor (Rated)		%	94.4	94.4	94.4	94.4
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H x W x D)		in. (mm)	7-7/8 x 35-7/16 x 24-7/16 (200 x 900 x 620)		7-7/8 x 35-7/16 x 24-7/16 (200 x 900 x 620)	
Packaged Dimensions (H x W x D)		in. (mm)	10-1/2 x 43-9/16 x 29-9/16 (266 x 1,106 x 751)		10-1/2 x 43-9/16 x 29-9/16 (266 x 1,106 x 751)	
Weight (Mass)		Lbs (kg)	60 (27)		60 (27)	
Gross Weight (Gross Mass)		Lbs (kg)	75 (34)		75 (34)	
Sound Pressure Level	H / M / L / SL	dB(A)	37 / 35 / 33 / 31	37 / 35 / 33 / 31	37 / 35 / 33 / 31	37 / 35 / 33 / 31
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	in. (mm)	φ 1/4 (φ 6.4)		φ 1/4 (φ 6.4)	
	Gas	in. (mm)	φ 1/2 (φ 12.7)		φ 1/2 (φ 12.7)	
	Drain	in. (mm)	VP20 (O.D. φ 1-1/32 (φ 26), I.D. φ 25/32 (φ 20))		VP20 (O.D. φ 1-1/32 (φ 26), I.D. φ 25/32 (φ 20))	
Drawing No.			C: 3D075721		C: 3D075722	

Note: ★ See page 19 ~ 70 "Combination Capacity".

Conversion Formulae
kcal/h = kW × 860
Btu/h = kW × 3412
cfm = m³/min × 35.3

Model			CDXS24LVJU			
			Cooling		Heating	
Rated Capacity ★			24 kBTu/h Class			
External Static Pressure		inAq (Pa)	0.16 (40)			
Airflow Rate	H	cfm (m³/min)	565 (16.0)		565 (16.0)	
	M		523 (14.8)		523 (14.8)	
	L		477 (13.5)		477 (13.5)	
	SL		395 (11.2)		395 (11.2)	
Fan	Type	Sirocco Fan				
	Motor Output	W	130			
	Speed	Steps	5 Steps, Quiet, Auto			
Air Filter			Removable, Washable, Mildew Proof			
Running Current (Rated)		A	0.79		0.79	
Power Consumption (Rated)		W	160		160	
Power Factor (Rated)		%	90.3		92.8	
Temperature Control			Microcomputer Control			
Dimensions (H x W x D)		in. (mm)	7-7/8 x 43-5/16 x 24-7/16 (200 x 1,100 x 620)			
Packaged Dimensions (H x W x D)		in. (mm)	10-1/2 x 52-1/16 x 30-1/4 (266 x 1,323 x 768)			
Weight (Mass)		Lbs (kg)	66 (30)			
Gross Weight (Gross Mass)		Lbs (kg)	84 (38)			
Sound Pressure Level	H / M / L / SL	dB(A)	38 / 36 / 34 / 32		38 / 36 / 34 / 32	
Heat Insulation			Both Liquid and Gas Pipes			
Piping Connections	Liquid	in. (mm)	φ 1/4 (φ 6.4)			
	Gas	in. (mm)	φ 5/8 (φ 15.9)			
	Drain	in. (mm)	VP20 (O.D. φ 1-1/32 (φ 26), I.D. φ 25/32 (φ 20))			
Drawing No.			3D080590			

Model			FVXS09NVJU		FVXS12NVJU	
			Cooling	Heating	Cooling	Heating
Rated Capacity ★			9 kBTu/h Class		12 kBTu/h Class	
Front Panel Color			White		White	
Airflow Rate	H	cfm (m³/min)	290 (8.2)	311 (8.8)	300 (8.5)	332 (9.4)
	M		230 (6.5)	244 (6.9)	237 (6.7)	258 (7.3)
	L		169 (4.8)	177 (5.0)	173 (4.9)	184 (5.2)
	SL		145 (4.1)	155 (4.4)	159 (4.5)	166 (4.7)
Fan	Type	Turbo Fan				
	Motor Output	W	12.3		13.4	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downward		Right, Left, Horizontal, Downward	
Air Filter			Removable, Washable, Mildew Proof		Removable, Washable, Mildew Proof	
Running Current (Rated)		A	—	—	—	—
Power Consumption (Rated)		W	—	—	—	—
Power Factor (Rated)		%	—	—	—	—
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H x W x D)		in. (mm)	23-5/8 x 27-9/16 x 8-1/4 (600 x 700 x 210)		23-5/8 x 27-9/16 x 8-1/4 (600 x 700 x 210)	
Packaged Dimensions (H x W x D)		in. (mm)	27-3/8 x 30-15/16 x 11 (695 x 786 x 279)		27-3/8 x 30-15/16 x 11 (695 x 786 x 279)	
Weight (Mass)		Lbs (kg)	31 (14)		31 (14)	
Gross Weight (Gross Mass)		Lbs (kg)	40 (18)		40 (18)	
Sound Pressure Level	H / M / L / SL	dB(A)	38 / 32 / 26 / 23		39 / 33 / 27 / 24	
Sound Power Level		dB	—		—	
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	in. (mm)	φ 1/4 (φ 6.4)		φ 1/4 (φ 6.4)	
	Gas	in. (mm)	φ 3/8 (φ 9.5)		φ 3/8 (φ 9.5)	
	Drain	in. (mm)	φ 13/16 (φ 20.0)		φ 13/16 (φ 20.0)	
Drawing No.			3D094867		3D094868	

Note: ★ See page 19 ~ 70 "Combination Capacity".

Conversion Formulae
kcal/h = kW × 860
Btu/h = kW × 3412
cfm = m³/min × 35.3

60 Hz, 208 - 230 V

Model			FVXS18NVJU	
			Cooling	Heating
Rated Capacity ★			18 kBtu/h Class	
Front Panel Color			White	
Airflow Rate	H	cfm (m³/min)	378 (10.7)	417 (11.8)
	M		325 (9.2)	357 (10.1)
	L		275 (7.8)	300 (8.5)
	SL		233 (6.6)	251 (7.1)
Fan	Type		Turbo Fan	
	Motor Output	W	23.3	
	Speed	Steps	5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downward	
Air Filter			Removable, Washable, Mildew Proof	
Running Current (Rated)		A	—	—
Power Consumption (Rated)		W	—	—
Power Factor (Rated)		%	—	—
Temperature Control			Microcomputer Control	
Dimensions (H × W × D)		in. (mm)	23-5/8 × 27-9/16 × 8-1/4 (600 × 700 × 210)	
Packaged Dimensions (H × W × D)		in. (mm)	27-3/8 × 30-15/16 × 11 (695 × 786 × 279)	
Weight (Mass)		Lbs (kg)	31 (14)	
Gross Weight (Gross Mass)		Lbs (kg)	40 (18)	
Sound Pressure Level	H / M / L / SL	dB(A)	44 / 40 / 36 / 32	45 / 40 / 36 / 32
Sound Power Level		dB	—	—
Heat Insulation			Both Liquid and Gas Pipes	
Piping Connections	Liquid	in. (mm)	φ 1/4 (φ 6.4)	
	Gas	in. (mm)	φ 1/2 (φ 12.7)	
	Drain	in. (mm)	φ 13/16 (φ 20.0)	
Drawing No.			3D094866	

Model			FFQ09LVJU		FFQ12LVJU	
			Cooling	Heating	Cooling	Heating
Rated Capacity ★			9 kBtu/h Class		12 kBtu/h Class	
Decoration Panel	Model		BYFQ60B3W1		BYFQ60B3W1	
	Color		White		White	
	Dimensions (H × W × D)		2-5/32 × 27-9/16 × 27-9/16 (55 × 700 × 700)		2-5/32 × 27-9/16 × 27-9/16 (55 × 700 × 700)	
	Weight (Mass)	Lbs (kg)	6 (2.7)		6 (2.7)	
Airflow Rate	H	cfm (m³/min)	318 (9.0)	318 (9.0)	353 (10.0)	353 (10.0)
	L		230 (6.5)	230 (6.5)	230 (6.5)	230 (6.5)
Fan	Type		Turbo Fan		Turbo Fan	
	Motor Output	W	55		55	
	Speed	Steps	2 Steps		2 Steps	
Air Direction Control			Horizontal, Downward		Horizontal, Downward	
Running Current (Rated)		A	0.44	0.38	0.47	0.42
Power Consumption (Rated)		W	87	76	98	89
Power Factor		%	85.8	87.0	91.3	91.8
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H × W × D)		in. (mm)	11-1/4 × 22-5/8 × 22-5/8 (285 × 575 × 575)		11-1/4 × 22-5/8 × 22-5/8 (285 × 575 × 575)	
Packaged Dimensions (H × W × D)		in. (mm)	14-9/16 × 27-1/16 × 26-9/16 (370 × 687 × 674)		14-9/16 × 27-1/16 × 26-9/16 (370 × 687 × 674)	
Weight (Mass)		Lbs (kg)	38.6 (17.5)		38.6 (17.5)	
Gross Weight (Gross Mass)		Lbs (kg)	46 (21)		46 (21)	
Sound Pressure Level	H / L	dB(A)	36.0 / 29.5	36.0 / 29.5	38.5 / 29.0	38.5 / 29.0
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	in. (mm)	φ 1/4 (φ 6.4)		φ 1/4 (φ 6.4)	
	Gas	in. (mm)	φ 3/8 (φ 9.5)		φ 3/8 (φ 9.5)	
	Drain	in. (mm)	VP20 (O.D. φ 1-1/32 (φ 26) / I.D. φ 25/32 (φ 20)		VP20 (O.D. φ 1-1/32 (φ 26) / I.D. φ 25/32 (φ 20)	
Drawing No.			3D080626A		3D080627A	

Note: ★ See page 19 ~ 70 "Combination Capacity".

Conversion Formulae
kcal/h = kW × 860
Btu/h = kW × 3412
cfm = m³/min × 35.3

60 Hz, 208 - 230 V

1

Model			FFQ15LVJU		FFQ18LVJU	
			Cooling	Heating	Cooling	Heating
Rated Capacity ★			15 kBtu/h Class		18 kBtu/h Class	
Decoration Panel	Model		BYFQ60B3W1		BYFQ60B3W1	
	Color		White		White	
	Dimensions (H x W x D)		2-5/32 x 27-9/16 x 27-9/16 (55 x 700 x 700)		2-5/32 x 27-9/16 x 27-9/16 (55 x 700 x 700)	
	Weight (Mass)	Lbs (kg)	6 (2.7)		6 (2.7)	
Airflow Rate	H	cfm	424 (12.0)	424 (12.0)	530 (15.0)	530 (15.0)
	L	(m³/min)	283 (8.0)	283 (8.0)	353 (10.0)	353 (10.0)
Fan	Type		Turbo Fan		Turbo Fan	
	Motor Output	W	55		55	
	Speed	Steps	2 Steps		2 Steps	
Air Direction Control			Horizontal, Downward		Horizontal, Downward	
Running Current (Rated)	A	0.57	0.52	0.71	0.65	
Power Consumption (Rated)	W	112	103	140	130	
Power Factor	%	86.1	86.0	85.5	86.2	
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H x W x D)	in. (mm)	11-1/4 x 22-5/8 x 22-5/8 (285 x 575 x 575)		11-1/4 x 22-5/8 x 22-5/8 (285 x 575 x 575)		
Packaged Dimensions (H x W x D)	in. (mm)	14-9/16 x 27-1/16 x 26-9/16 (370 x 687 x 674)		14-9/16 x 27-1/16 x 26-9/16 (370 x 687 x 674)		
Weight (Mass)	Lbs (kg)	38.6 (17.5)		38.6 (17.5)		
Gross Weight (Gross Mass)	Lbs (kg)	46 (21)		46 (21)		
Sound Pressure Level	H / L	dB(A)	42.5 / 31.5	42.5 / 31.5	46.0 / 37.5	46.0 / 37.5
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connections	Liquid	in. (mm)	φ 1/4 (φ 6.4)		φ 1/4 (φ 6.4)	
	Gas	in. (mm)	φ 1/2 (φ 12.7)		φ 1/2 (φ 12.7)	
	Drain	in. (mm)	VP20 (O.D. φ 1-1/32 (φ 26) / I.D. φ 25/32 (φ 20)		VP20 (O.D. φ 1-1/32 (φ 26) / I.D. φ 25/32 (φ 20)	
Drawing No.			3D080628A		3D080629A	

Note: ★ See page 19 ~ 70 "Combination Capacity".

Conversion Formulae
kcal/h = kW × 860
Btu/h = kW × 3412
cfm = m³/min × 35.3

3.2 Outdoor Unit

60 Hz, 208 - 230 V

Model		2MXS18NMVJU		
		Cooling	Heating	
Capacity ★1	kW	—		
Power Consumption ★1	W	—		
Running Current ★1	A	—		
COP ★2	W/W	—	4.1	
EER ★2	Btu/h-W	9.5 - 12.5	—	
SEER / HSPF		14.0 - 18.9	8.2 - 10.7	
Casing Color		Ivory White		
Compressor	Type	Hermetically Sealed Swing Type		
	Model	2YC36PXD		
	Motor Output	W	1,100	
Refrigerant Oil	Model	FVC50K		
	Charge	oz (L)	21.5 (0.61)	
Refrigerant	Type	R-410A		
	Charge	Lbs (kg)	3.86 (1.75)	
Airflow Rate	cfm	H	2,150	2,179
		M	2,150	2,179
		L	1,953	1,119
	m³/min	H	60.9	61.7
		M	60.9	61.7
		L	55.3	31.7
Fan	Type	Propeller		
	Motor Output	W	56	
	Running Current	A	H: 0.29 / M: 0.29 / L: 0.25	H: 0.29 / M: 0.29 / L: 0.05
	Power Consumption	W	H: 65 / M: 65 / L: 58	H: 66 / M: 66 / L: 12
Starting Current	A	14.0		
Dimension (H × W × D)	in. (mm)	28-15/16 × 34-1/4 × 12-5/8 (735 × 870 × 320)		
Packaged Dimension (H × W × D)	in. (mm)	31-7/8 × 41-9/16 × 17-1/2 (810 × 1,056 × 444)		
Weight (Mass)	Lbs (kg)	123 (56)		
Gross Weight (Gross Mass)	Lbs (kg)	141 (64)		
Sound Pressure Level	dB(A)	50	51	
Piping Connections	Liquid	in. (mm)	φ 1/4 × 2 (φ 6.4 × 2)	
	Gas	in. (mm)	φ 3/8 × 1, φ 1/2 × 1 (φ 9.5 × 2, φ 12.7 × 1)	
	Drain	in. (mm)	φ 11/16 (φ 18.0)	
Heat Insulation		Both Liquid and Gas Pipes		
No. of Wiring Connections		3 for Power Supply, 4 for Interunit Wiring		
Max. Interunit Piping Length	ft (m)	164 (50) (for Total of Each Room)		
		82 (25) (for One Room)		
Amount of Additional Charge of Refrigerant	oz/ft (g/m)	0.21 (20) (98-3/8 ft (30 m) or more)		
Max. Installation Height Difference	ft (m)	49-1/4 (15) (between Indoor Unit and Outdoor Unit)		
		24-5/8 (7.5) (between Indoor Units)		
Drawing No.		3D093257		

- Notes:**
- ★1 See page 19 "Combination Capacity".
 - ★2 Max.: for the combination of wall mounted type indoor units
Min.: for the combination of duct connected type indoor units
 - The data are based on the conditions shown in the table below.

Conversion Formulae
kcal/h = kW × 860
Btu/h = kW × 3412
cfm = m³/min × 35.3

Cooling	Indoor ; 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB) Outdoor ; 95°FDB (35°CDB) / 75°FWB (24°CWB)
Heating	Indoor ; 70°FDB (21°CDB) / 60°FWB (15.6°CWB) Outdoor ; 47°FDB (8.3°CDB) / 43°FWB (6°CWB)
Piping Length	25 ft (7.5 m)

Model		3MXS24NMVJU		
		Cooling	Heating	
Capacity ★1	kW	—		
Power Consumption ★1	W	—		
Running Current ★1	A	—		
COP ★2	W/W	—	3.2 - 4.6	
EER ★2	Btu/h-W	9.7 - 12.7	—	
SEER / HSPF		14.0 - 17.9	8.2 - 12.5	
Casing Color		Ivory White		
Compressor	Type	Hermetically Sealed Swing Type		
	Model	2YC63AAXD		
	Motor Output	W	1,920	
Refrigerant Oil	Model	FVC50K		
	Charge	oz (L)	29.8 (0.85)	
Refrigerant	Type	R-410A		
	Charge	Lbs (kg)	6.17 (2.8)	
Airflow Rate	H	cfm	2,094	2,094
			M	1,981
			L	1,119
	M	m³/min	59.3	59.3
			M	56.1
			L	31.7
Fan	Type	Propeller		
	Motor Output	W	51	
	Running Current	A	H: 0.28 / M: 0.28 / L: 0.26	
	Power Consumption	W	H: 63 / M: 63 / L: 59	
Starting Current	A	15.5		
Dimension (H × W × D)	in. (mm)	28-15/16 × 34-1/4 × 12-5/8 (735 × 870 × 320)		
Packaged Dimension (H × W × D)	in. (mm)	31-7/8 × 41-9/16 × 17-1/2 (810 × 1,056 × 444)		
Weight (Mass)	Lbs (kg)	137 (62)		
Gross Weight (Gross Mass)	Lbs (kg)	154 (70)		
Sound Pressure Level	dB(A)	52	54	
Piping Connections	Liquid	in. (mm)	φ 1/4 × 3 (φ 6.4 × 3)	
	Gas	in. (mm)	φ 3/8 × 1, φ 1/2 × 2 (φ 9.5 × 1, φ 12.7 × 2)	
	Drain	in. (mm)	φ 11/16 (φ 17.5)	
Heat Insulation		Both Liquid and Gas Pipes		
No. of Wiring Connections		3 for Power Supply, 4 for Interunit Wiring		
Max. Interunit Piping Length	ft (m)	230 (70) (for Total of Each Room)		
		82 (25) (for One Room)		
Amount of Additional Charge of Refrigerant	oz/ft (g/m)	0.21 (20) (131-5/8 ft (40 m) or more)		
Max. Installation Height Difference	ft (m)	49-1/4 (15) (between Indoor Unit and Outdoor Unit)		
		24-5/8 (7.5) (between Indoor Units)		
Drawing No.		3D093259		

Notes:

- ★1 See page 23 "Combination Capacity".
- ★2 Max.: for the combination of wall mounted type indoor units
Min.: for the combination of duct connected type indoor units
- The data are based on the conditions shown in the table below.

Cooling	Indoor ; 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB) Outdoor ; 95°FDB (35°CDB) / 75°FWB (24°CWB)
Heating	Indoor ; 70°FDB (21°CDB) / 60°FWB (15.6°CWB) Outdoor ; 47°FDB (8.3°CDB) / 43°FWB (6°CWB)
Piping Length	25 ft (7.5 m)

Conversion Formulae

kcal/h = kW × 860
Btu/h = kW × 3412
cfm = m³/min × 35.3

60 Hz, 208 - 230 V

Model		4MXS36NMVJU		
		Cooling	Heating	
Capacity ★1	kW	—		
Power Consumption ★1	W	—		
Running Current ★1	A	—		
COP ★2	W/W	—	3.5 - 4.5	
EER ★2	Btu/h-W	7.9 - 9.2	—	
SEER / HSPF		14.0 - 17.7	8.2 - 12.2	
Casing Color		Ivory White		
Compressor	Type	Hermetically Sealed Swing Type		
	Model	2YC63AAXD		
	Motor Output	W	1,920	
Refrigerant Oil	Model	FVC50K		
	Charge	oz (L)	29.8 (0.85)	
Refrigerant	Type	R-410A		
	Charge	Lbs (kg)	6.17 (2.8)	
Airflow Rate	H	cfm	2,613	2,351
			2,440	2,210
			1,727	1,119
	M	m³/min	74.0	66.6
			69.1	62.6
			59.3	31.7
Fan	Type	Propeller		
	Motor Output	W	75	
	Running Current	A	H: 0.52 / M: 0.40 / L: 0.27	
	Power Consumption	W	H: 116 / M: 90 / L: 61	
Starting Current	A	17.5		
Dimension (H × W × D)	in. (mm)	28-15/16 × 34-1/4 × 12-5/8 (735 × 870 × 320)		
Packaged Dimension (H × W × D)	in. (mm)	31-7/8 × 41-9/16 × 17-1/2 (810 × 1,056 × 444)		
Weight (Mass)	Lbs (kg)	139 (63)		
Gross Weight (Gross Mass)	Lbs (kg)	157 (71)		
Sound Pressure Level	dB(A)	54	56	
Piping Connections	Liquid	in. (mm)	φ 1/4 × 4 (φ 6.4 × 4)	
	Gas	in. (mm)	φ 3/8 × 1, φ 1/2 × 2, φ 5/8 × 1 (φ 9.5 × 1, φ 12.7 × 2, φ 15.9 × 1)	
	Drain	in. (mm)	φ 11/16 (φ 17.5)	
Heat Insulation		Both Liquid and Gas Pipes		
No. of Wiring Connections		3 for Power Supply, 4 for Interunit Wiring		
Max. Interunit Piping Length	ft (m)	230 (70) (for Total of Each Room)		
		82 (25) (for One Room)		
Amount of Additional Charge of Refrigerant	oz/ft (g/m)	0.21 (20) (131-5/8 ft (40 m) or more)		
Max. Installation Height Difference	ft (m)	49-1/4 (15) (between Indoor Unit and Outdoor Unit)		
		24-5/8 (7.5) (between Indoor Units)		
Drawing No.		3D093260		

Notes:

- ★1 See page 35 "Combination Capacity".
- ★2 Max.: for the combination of wall mounted type indoor units
Min.: for the combination of duct connected type indoor units
- The data are based on the conditions shown in the table below.

Cooling	Indoor ; 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB) Outdoor ; 95°FDB (35°CDB) / 75°FWB (24°CWB)
Heating	Indoor ; 70°FDB (21°CDB) / 60°FWB (15.6°CWB) Outdoor ; 47°FDB (8.3°CDB) / 43°FWB (6°CWB)
Piping Length	25 ft (7.5 m)

Conversion Formulae

kcal/h = kW × 860
Btu/h = kW × 3412
cfm = m³/min × 35.3

3.3 Combination Capacity: 2MXS18NMVJU

1

Cooling [60 Hz, 208 V]

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit										
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)
	A room	B room	—	—	A room	B room	—	—	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating
07	Wall	—	—	—	7.00	—	—	—	7.00	4.50 ~ 8.20	500	350 ~ 590	2.5	1.7 ~ 2.9	98
09	Wall	—	—	—	9.00	—	—	—	9.00	4.50 ~ 10.50	660	350 ~ 800	3.2	1.7 ~ 3.9	98
09	Duct	—	—	—	9.00	—	—	—	9.00	4.50 ~ 9.00	720	400 ~ 730	3.5	2.0 ~ 3.6	98
12	Wall	—	—	—	12.00	—	—	—	12.00	4.50 ~ 14.00	940	350 ~ 1220	4.6	1.7 ~ 6.0	98
12	Duct	—	—	—	12.00	—	—	—	12.00	4.50 ~ 12.00	1040	400 ~ 1060	5.1	2.0 ~ 5.2	98
15	Wall	—	—	—	15.00	—	—	—	15.00	4.80 ~ 17.50	1090	330 ~ 1410	5.3	1.6 ~ 6.9	98
15	Duct	—	—	—	14.00	—	—	—	14.00	4.60 ~ 15.10	1250	490 ~ 1400	6.1	2.4 ~ 6.9	98
07+07	Wall	Wall	—	—	7.00	7.00	—	—	14.00	4.80 ~ 16.30	990	330 ~ 1240	4.9	1.6 ~ 6.1	98
07+09	Wall	Wall	—	—	7.11	8.89	—	—	16.00	4.80 ~ 18.70	1190	330 ~ 1550	5.8	1.6 ~ 7.6	98
07+09	Wall	Duct	—	—	6.84	8.56	—	—	15.40	4.80 ~ 17.40	1190	390 ~ 1460	5.8	1.9 ~ 7.2	98
07+12	Wall	Wall	—	—	6.55	11.45	—	—	18.00	4.90 ~ 21.00	1440	330 ~ 1930	7.1	1.6 ~ 9.5	98
07+12	Wall	Duct	—	—	6.18	10.82	—	—	17.00	4.80 ~ 19.60	1400	390 ~ 1810	6.9	1.9 ~ 8.9	98
07+15	Wall	Wall	—	—	5.14	12.86	—	—	18.00	5.50 ~ 21.00	1180	320 ~ 1530	5.8	1.6 ~ 7.5	98
07+15	Wall	Duct	—	—	4.86	12.14	—	—	17.00	5.10 ~ 19.60	1340	470 ~ 1690	6.6	2.3 ~ 8.3	98
09+09	Wall	Wall	—	—	9.00	9.00	—	—	18.00	4.90 ~ 21.00	1440	330 ~ 1930	7.1	1.6 ~ 9.5	98
09+09	Wall	Duct	—	—	8.50	8.50	—	—	17.00	4.80 ~ 19.60	1380	390 ~ 1790	6.8	1.9 ~ 8.8	98
09+09	Duct	Duct	—	—	8.00	8.00	—	—	16.00	4.80 ~ 18.10	1350	440 ~ 1620	6.6	2.2 ~ 7.9	98
09+12	Wall	Wall	—	—	7.50	10.50	—	—	18.00	4.90 ~ 21.00	1410	330 ~ 1870	6.9	1.6 ~ 9.2	98
09+12	Wall	Duct	—	—	7.08	9.92	—	—	17.00	4.80 ~ 19.60	1380	390 ~ 1790	6.8	1.9 ~ 8.8	98
09+12	Duct	Wall	—	—	7.08	9.92	—	—	17.00	4.80 ~ 19.60	1350	390 ~ 1730	6.6	1.9 ~ 8.5	98
09+12	Duct	Duct	—	—	6.67	9.33	—	—	16.00	4.80 ~ 18.10	1350	440 ~ 1620	6.6	2.2 ~ 7.9	98
09+15	Wall	Wall	—	—	6.00	12.00	—	—	18.00	5.60 ~ 21.00	1180	320 ~ 1500	5.8	1.6 ~ 7.4	98
09+15	Wall	Duct	—	—	5.67	11.33	—	—	17.00	5.10 ~ 19.60	1340	470 ~ 1660	6.6	2.3 ~ 8.1	98
09+15	Duct	Wall	—	—	5.67	11.33	—	—	17.00	5.50 ~ 19.60	1240	460 ~ 1520	6.1	2.3 ~ 7.5	98
09+15	Duct	Duct	—	—	5.33	10.67	—	—	16.00	5.00 ~ 18.10	1290	530 ~ 1530	6.3	2.6 ~ 7.5	98
12+12	Wall	Wall	—	—	9.00	9.00	—	—	18.00	4.90 ~ 21.00	1390	330 ~ 1840	6.8	1.6 ~ 9.0	98
12+12	Wall	Duct	—	—	8.50	8.50	—	—	17.00	4.80 ~ 19.60	1350	390 ~ 1730	6.6	1.9 ~ 8.5	98
12+12	Duct	Duct	—	—	8.00	8.00	—	—	16.00	4.80 ~ 18.10	1350	440 ~ 1620	6.6	2.2 ~ 7.9	98

Notes:

- Cooling capacity is based on 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB) (Indoor temperature), 95°FDB (35°CDB) / 75°FWB (24°CWB) (Outdoor temperature).
Heating capacity is based on 70°FDB (21°CDB) / 60°FWB (15.6°CWB) (Indoor temperature), 47°FDB (8.3°CDB) / 43°FWB (6°CWB) (Outdoor temperature).
- The total ability of connected indoor units is up to 24.0 kBtu/h.
- It is impossible to connect the indoor unit for one room only.
- The above is the value for connecting with the following indoor units.
7.0 kBtu/h class; wall mount type L series
9.0 kBtu/h class; wall mount type L series or Duct type L series
12.0 kBtu/h class; wall mount type L series or Duct type L series
15.0 kBtu/h class; wall mount type L series or Duct type L series

C: 3D093872

Heating [60 Hz, 208 V]

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	—	—	A room	B room	—	—	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
07	Wall	—	—	—	8.80	—	—	—	8.80	3.50 ~ 9.70	630	300 ~ 710	3.1	1.5 ~ 3.5	98	
09	Wall	—	—	—	11.30	—	—	—	11.30	3.60 ~ 12.50	800	300 ~ 920	3.9	1.5 ~ 4.5	98	
09	Duct	—	—	—	10.70	—	—	—	10.70	3.10 ~ 12.50	940	350 ~ 1130	4.6	1.7 ~ 5.5	98	
12	Wall	—	—	—	15.00	—	—	—	15.00	3.80 ~ 16.70	1090	300 ~ 1270	5.3	1.5 ~ 6.2	98	
12	Duct	—	—	—	14.30	—	—	—	14.30	3.10 ~ 16.70	1300	350 ~ 1600	6.4	1.7 ~ 7.8	98	
15	Wall	—	—	—	18.80	—	—	—	18.80	4.50 ~ 20.80	1230	300 ~ 1430	6.0	1.5 ~ 7.0	98	
15	Duct	—	—	—	16.60	—	—	—	16.60	3.60 ~ 20.80	1480	440 ~ 2000	7.3	2.2 ~ 9.8	98	
07+07	Wall	Wall	—	—	8.75	8.75	—	—	17.50	4.70 ~ 19.40	1050	300 ~ 1210	5.2	1.5 ~ 5.9	98	
07+09	Wall	Wall	—	—	8.36	10.44	—	—	18.80	4.80 ~ 22.20	1120	300 ~ 1440	5.5	1.5 ~ 7.1	98	
07+09	Wall	Duct	—	—	8.04	10.06	—	—	18.10	4.50 ~ 22.20	1230	350 ~ 1640	6.0	1.7 ~ 8.0	98	
07+12	Wall	Wall	—	—	6.87	12.03	—	—	18.90	4.90 ~ 25.00	1110	300 ~ 1690	5.4	1.5 ~ 8.3	98	
07+12	Wall	Duct	—	—	6.87	12.03	—	—	18.90	4.50 ~ 25.00	1280	350 ~ 1970	6.3	1.7 ~ 9.7	98	
07+15	Wall	Wall	—	—	5.40	13.50	—	—	18.90	5.20 ~ 25.00	980	300 ~ 1460	4.8	1.5 ~ 7.2	98	
07+15	Wall	Duct	—	—	5.40	13.50	—	—	18.90	4.80 ~ 25.00	1260	440 ~ 1890	6.2	2.2 ~ 9.3	98	
09+09	Wall	Wall	—	—	9.45	9.45	—	—	18.90	4.90 ~ 25.00	1260	300 ~ 1690	6.2	1.5 ~ 8.3	98	
09+09	Wall	Duct	—	—	9.45	9.45	—	—	18.90	4.60 ~ 25.00	1240	350 ~ 1910	6.1	1.7 ~ 9.4	98	
09+09	Duct	Duct	—	—	9.45	9.45	—	—	18.90	4.30 ~ 25.00	1330	400 ~ 2190	6.5	2.0 ~ 10.7	98	
09+12	Wall	Wall	—	—	7.88	11.03	—	—	18.90	5.00 ~ 25.00	1070	300 ~ 1640	5.2	1.5 ~ 8.0	98	
09+12	Wall	Duct	—	—	7.88	11.03	—	—	18.90	4.60 ~ 25.00	1240	350 ~ 1910	6.1	1.7 ~ 9.4	98	
09+12	Duct	Wall	—	—	7.88	11.03	—	—	18.90	4.70 ~ 25.00	1210	350 ~ 1850	5.9	1.7 ~ 9.1	98	
09+12	Duct	Duct	—	—	7.88	11.03	—	—	18.90	4.30 ~ 25.00	1450	400 ~ 2190	7.1	2.0 ~ 10.7	98	
09+15	Wall	Wall	—	—	6.30	12.60	—	—	18.90	5.20 ~ 25.00	950	300 ~ 1410	4.7	1.5 ~ 6.9	98	
09+15	Wall	Duct	—	—	6.30	12.60	—	—	18.90	4.90 ~ 25.00	1250	440 ~ 1830	6.1	2.2 ~ 9.0	98	
09+15	Duct	Wall	—	—	6.30	12.60	—	—	18.90	5.10 ~ 25.00	1050	350 ~ 1580	5.2	1.7 ~ 7.8	98	
09+15	Duct	Duct	—	—	6.30	12.60	—	—	18.90	4.60 ~ 25.00	1390	490 ~ 2060	6.8	2.4 ~ 10.1	98	
12+12	Wall	Wall	—	—	9.45	9.45	—	—	18.90	5.00 ~ 25.00	1040	300 ~ 1590	5.1	1.5 ~ 7.8	98	
12+12	Wall	Duct	—	—	9.45	9.45	—	—	18.90	4.70 ~ 25.00	1210	350 ~ 1850	5.9	1.7 ~ 9.1	98	
12+12	Duct	Duct	—	—	9.45	9.45	—	—	18.90	4.30 ~ 25.00	1450	400 ~ 2190	7.1	2.0 ~ 10.7	98	

- Notes:**
- Cooling capacity is based on 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB) (Indoor temperature), 95°FDB (35°CDB) / 75°FWB (24°CWB) (Outdoor temperature).
Heating capacity is based on 70°FDB (21°CDB) / 60°FWB (15.6°CWB) (Indoor temperature), 47°FDB (8.3°CDB) / 43°FWB (6°CWB) (Outdoor temperature).
 - The total ability of connected indoor units is up to 24.0 kBtu/h.
 - It is impossible to connect the indoor unit for one room only.
 - The above is the value for connecting with the following indoor units.
7.0 kBtu/h class; wall mount type L series
9.0 kBtu/h class; wall mount type L series or Duct type L series
12.0 kBtu/h class; wall mount type L series or Duct type L series
15.0 kBtu/h class; wall mount type L series or Duct type L series

C: 3D093865

Cooling [60 Hz, 230 V]

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit										
					Each capacity (kBTU/h)				Total capacity (kBTU/h)		Total input (W)		Total current (A)		Power factor (%)
	A room	B room	—	—	A room	B room	—	—	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating
07	Wall	—	—	—	7.00	—	—	—	7.00	4.50 ~ 8.20	500	350 ~ 590	2.2	1.6 ~ 2.6	98
09	Wall	—	—	—	9.00	—	—	—	9.00	4.50 ~ 10.50	660	350 ~ 800	2.9	1.6 ~ 3.5	98
09	Duct	—	—	—	9.00	—	—	—	9.00	4.50 ~ 9.00	720	400 ~ 730	3.2	1.8 ~ 3.2	98
12	Wall	—	—	—	12.00	—	—	—	12.00	4.50 ~ 14.00	940	350 ~ 1220	4.2	1.6 ~ 5.4	98
12	Duct	—	—	—	12.00	—	—	—	12.00	4.50 ~ 12.00	1040	400 ~ 1060	4.6	1.8 ~ 4.7	98
15	Wall	—	—	—	15.00	—	—	—	15.00	4.80 ~ 17.50	1090	330 ~ 1410	4.8	1.5 ~ 6.3	98
15	Duct	—	—	—	14.00	—	—	—	14.00	4.60 ~ 15.10	1250	490 ~ 1400	5.5	2.2 ~ 6.2	98
07+07	Wall	Wall	—	—	7.00	7.00	—	—	14.00	4.80 ~ 16.30	990	330 ~ 1240	4.4	1.5 ~ 5.5	98
07+09	Wall	Wall	—	—	7.11	8.89	—	—	16.00	4.80 ~ 18.70	1190	330 ~ 1550	5.3	1.5 ~ 6.9	98
07+09	Wall	Duct	—	—	6.84	8.56	—	—	15.40	4.80 ~ 17.40	1190	390 ~ 1460	5.3	1.7 ~ 6.5	98
07+12	Wall	Wall	—	—	6.55	11.45	—	—	18.00	4.90 ~ 21.00	1440	330 ~ 1930	6.4	1.5 ~ 8.6	98
07+12	Wall	Duct	—	—	6.18	10.82	—	—	17.00	4.80 ~ 19.60	1400	390 ~ 1810	6.2	1.7 ~ 8.0	98
07+15	Wall	Wall	—	—	5.14	12.86	—	—	18.00	5.50 ~ 21.00	1180	320 ~ 1530	5.2	1.4 ~ 6.8	98
07+15	Wall	Duct	—	—	4.86	12.14	—	—	17.00	5.10 ~ 19.60	1340	470 ~ 1690	5.9	2.1 ~ 7.5	98
09+09	Wall	Wall	—	—	9.00	9.00	—	—	18.00	4.90 ~ 21.00	1440	330 ~ 1930	6.4	1.5 ~ 8.6	98
09+09	Wall	Duct	—	—	8.50	8.50	—	—	17.00	4.80 ~ 19.60	1380	390 ~ 1790	6.1	1.7 ~ 7.9	98
09+09	Duct	Duct	—	—	8.00	8.00	—	—	16.00	4.80 ~ 18.10	1350	440 ~ 1620	6.0	2.0 ~ 7.2	98
09+12	Wall	Wall	—	—	7.50	10.50	—	—	18.00	4.90 ~ 21.00	1410	330 ~ 1870	6.3	1.5 ~ 8.3	98
09+12	Wall	Duct	—	—	7.08	9.92	—	—	17.00	4.80 ~ 19.60	1380	390 ~ 1790	6.1	1.7 ~ 7.9	98
09+12	Duct	Wall	—	—	7.08	9.92	—	—	17.00	4.80 ~ 19.60	1350	390 ~ 1730	6.0	1.7 ~ 7.7	98
09+12	Duct	Duct	—	—	6.67	9.33	—	—	16.00	4.80 ~ 18.10	1350	440 ~ 1620	6.0	2.0 ~ 7.2	98
09+15	Wall	Wall	—	—	6.00	12.00	—	—	18.00	5.60 ~ 21.00	1180	320 ~ 1500	5.2	1.4 ~ 6.7	98
09+15	Wall	Duct	—	—	5.67	11.33	—	—	17.00	5.10 ~ 19.60	1340	470 ~ 1660	5.9	2.1 ~ 7.4	98
09+15	Duct	Wall	—	—	5.67	11.33	—	—	17.00	5.50 ~ 19.60	1240	460 ~ 1520	5.5	2.0 ~ 6.7	98
09+15	Duct	Duct	—	—	5.33	10.67	—	—	16.00	5.00 ~ 18.10	1290	530 ~ 1530	5.7	2.4 ~ 6.8	98
12+12	Wall	Wall	—	—	9.00	9.00	—	—	18.00	4.90 ~ 21.00	1390	330 ~ 1840	6.2	1.5 ~ 8.2	98
12+12	Wall	Duct	—	—	8.50	8.50	—	—	17.00	4.80 ~ 19.60	1350	390 ~ 1730	6.0	1.7 ~ 7.7	98
12+12	Duct	Duct	—	—	8.00	8.00	—	—	16.00	4.80 ~ 18.10	1350	440 ~ 1620	6.0	2.0 ~ 7.2	98

- Notes:**
- Cooling capacity is based on 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB) (Indoor temperature), 95°FDB (35°CDB) / 75°FWB (24°CWB) (Outdoor temperature). Heating capacity is based on 70°FDB (21°CDB) / 60°FWB (15.6°CWB) (Indoor temperature), 47°FDB (8.3°CDB) / 43°FWB (6°CWB) (Outdoor temperature).
 - The total ability of connected indoor units is up to 24.0 kBTU/h.
 - It is impossible to connect the indoor unit for one room only.
 - The above is the value for connecting with the following indoor units.
 7.0 kBTU/h class; wall mount type L series
 9.0 kBTU/h class; wall mount type L series or Duct type L series
 12.0 kBTU/h class; wall mount type L series or Duct type L series
 15.0 kBTU/h class; wall mount type L series or Duct type L series

C: 3D093873

Heating [60 Hz, 230 V]

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit										
					Each capacity (kBTU/h)				Total capacity (kBTU/h)		Total input (W)		Total current (A)		Power factor (%)
	A room	B room	—	—	A room	B room	—	—	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating
07	Wall	—	—	—	8.80	—	—	—	8.80	3.50 ~ 9.70	630	300 ~ 710	2.8	1.3 ~ 3.1	98
09	Wall	—	—	—	11.30	—	—	—	11.30	3.60 ~ 12.50	800	300 ~ 920	3.5	1.3 ~ 4.1	98
09	Duct	—	—	—	10.70	—	—	—	10.70	3.10 ~ 12.50	940	350 ~ 1130	4.2	1.6 ~ 5.0	98
12	Wall	—	—	—	15.00	—	—	—	15.00	3.80 ~ 16.70	1090	300 ~ 1270	4.8	1.3 ~ 5.6	98
12	Duct	—	—	—	14.30	—	—	—	14.30	3.10 ~ 16.70	1300	350 ~ 1600	5.8	1.6 ~ 7.1	98
15	Wall	—	—	—	18.80	—	—	—	18.80	4.50 ~ 20.80	1230	300 ~ 1430	5.5	1.3 ~ 6.3	98
15	Duct	—	—	—	16.60	—	—	—	16.60	3.60 ~ 20.80	1480	440 ~ 2000	6.6	2.0 ~ 8.9	98
07+07	Wall	Wall	—	—	8.75	8.75	—	—	17.50	4.70 ~ 19.40	1050	300 ~ 1210	4.7	1.3 ~ 5.4	98
07+09	Wall	Wall	—	—	8.36	10.44	—	—	18.80	4.80 ~ 22.20	1120	300 ~ 1440	5.0	1.3 ~ 6.4	98
07+09	Wall	Duct	—	—	8.04	10.06	—	—	18.10	4.50 ~ 22.20	1230	350 ~ 1640	5.5	1.6 ~ 7.3	98
07+12	Wall	Wall	—	—	6.87	12.03	—	—	18.90	4.90 ~ 25.00	1110	300 ~ 1690	4.9	1.3 ~ 7.5	98
07+12	Wall	Duct	—	—	6.87	12.03	—	—	18.90	4.50 ~ 25.00	1280	350 ~ 1970	5.7	1.6 ~ 8.7	98
07+15	Wall	Wall	—	—	5.40	13.50	—	—	18.90	5.20 ~ 25.00	980	300 ~ 1460	4.3	1.3 ~ 6.5	98
07+15	Wall	Duct	—	—	5.40	13.50	—	—	18.90	4.80 ~ 25.00	1260	440 ~ 1890	5.6	2.0 ~ 8.4	98
09+09	Wall	Wall	—	—	9.45	9.45	—	—	18.90	4.90 ~ 25.00	1260	300 ~ 1690	5.6	1.3 ~ 7.5	98
09+09	Wall	Duct	—	—	9.45	9.45	—	—	18.90	4.60 ~ 25.00	1240	350 ~ 1910	5.5	1.6 ~ 8.5	98
09+09	Duct	Duct	—	—	9.45	9.45	—	—	18.90	4.30 ~ 25.00	1330	400 ~ 2190	5.9	1.8 ~ 9.7	98
09+12	Wall	Wall	—	—	7.88	11.03	—	—	18.90	5.00 ~ 25.00	1070	300 ~ 1640	4.7	1.3 ~ 7.3	98
09+12	Wall	Duct	—	—	7.88	11.03	—	—	18.90	4.60 ~ 25.00	1240	350 ~ 1910	5.5	1.6 ~ 8.5	98
09+12	Duct	Wall	—	—	7.88	11.03	—	—	18.90	4.70 ~ 25.00	1210	350 ~ 1850	5.4	1.6 ~ 8.2	98
09+12	Duct	Duct	—	—	7.88	11.03	—	—	18.90	4.30 ~ 25.00	1450	400 ~ 2190	6.4	1.8 ~ 9.7	98
09+15	Wall	Wall	—	—	6.30	12.60	—	—	18.90	5.20 ~ 25.00	950	300 ~ 1410	4.2	1.3 ~ 6.3	98
09+15	Wall	Duct	—	—	6.30	12.60	—	—	18.90	4.90 ~ 25.00	1250	440 ~ 1830	5.5	2.0 ~ 8.1	98
09+15	Duct	Wall	—	—	6.30	12.60	—	—	18.90	5.10 ~ 25.00	1050	350 ~ 1580	4.7	1.6 ~ 7.0	98
09+15	Duct	Duct	—	—	6.30	12.60	—	—	18.90	4.60 ~ 25.00	1390	490 ~ 2060	6.2	2.2 ~ 9.1	98
12+12	Wall	Wall	—	—	9.45	9.45	—	—	18.90	5.00 ~ 25.00	1040	300 ~ 1590	4.6	1.3 ~ 7.1	98
12+12	Wall	Duct	—	—	9.45	9.45	—	—	18.90	4.70 ~ 25.00	1210	350 ~ 1850	5.4	1.6 ~ 8.2	98
12+12	Duct	Duct	—	—	9.45	9.45	—	—	18.90	4.30 ~ 25.00	1450	400 ~ 2190	6.4	1.8 ~ 9.7	98

- Notes:**
- Cooling capacity is based on 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB) (Indoor temperature), 95°FDB (35°CDB) / 75°FWB (24°CWB) (Outdoor temperature).
Heating capacity is based on 70°FDB (21°CDB) / 60°FWB (15.6°CWB) (Indoor temperature), 47°FDB (8.3°CDB) / 43°FWB (6°CWB) (Outdoor temperature).
 - The total ability of connected indoor units is up to 24.0 kBTU/h.
 - It is impossible to connect the indoor unit for one room only.
 - The above is the value for connecting with the following indoor units.
7.0 kBTU/h class; wall mount type L series
9.0 kBTU/h class; wall mount type L series or Duct type L series
12.0 kBTU/h class; wall mount type L series or Duct type L series
15.0 kBTU/h class; wall mount type L series or Duct type L series

C: 3D093871

3.4 Combination Capacity: 3MXS24NMVJU

1

Cooling [60 Hz, 208 V]

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit										
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)
	A room	B room	C room	—	A room	B room	C room	—	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating
07	Wall	—	—	—	7.60	—	—	—	7.60	7.30 ~ 8.40	580	480 ~ 580	2.8	2.4 ~ 2.8	98
09	Wall	—	—	—	9.80	—	—	—	9.80	7.40 ~ 10.80	720	480 ~ 800	3.5	2.4 ~ 3.9	98
09	Duct	—	—	—	9.10	—	—	—	9.10	7.30 ~ 9.60	700	530 ~ 700	3.4	2.6 ~ 3.4	98
12	Wall	—	—	—	13.00	—	—	—	13.00	7.50 ~ 14.40	1040	480 ~ 1220	5.1	2.4 ~ 6.0	98
12	Duct	—	—	—	12.10	—	—	—	12.10	7.30 ~ 12.10	1050	530 ~ 1050	5.2	2.6 ~ 5.2	98
15	Wall	—	—	—	16.30	—	—	—	16.30	8.90 ~ 18.00	1220	510 ~ 1410	6.0	2.5 ~ 6.9	98
15	Duct	—	—	—	14.40	—	—	—	14.40	8.10 ~ 15.10	1250	640 ~ 1340	6.1	3.1 ~ 6.6	98
18	Wall	—	—	—	19.50	—	—	—	19.50	8.90 ~ 21.60	1560	510 ~ 1880	7.7	2.5 ~ 9.2	98
18	Duct	—	—	—	16.70	—	—	—	16.70	8.10 ~ 18.10	1560	630 ~ 1710	7.7	3.1 ~ 8.4	98
07+07	Wall	Wall	—	—	7.60	7.60	—	—	15.20	8.90 ~ 16.80	1080	510 ~ 1270	5.3	2.5 ~ 6.2	98
07+09	Wall	Wall	—	—	7.69	9.61	—	—	17.30	8.90 ~ 19.20	1320	510 ~ 1510	6.5	2.5 ~ 7.4	98
07+09	Wall	Duct	—	—	7.20	9.00	—	—	16.20	8.80 ~ 17.70	1270	560 ~ 1410	6.2	2.7 ~ 6.9	98
07+12	Wall	Wall	—	—	7.31	12.79	—	—	20.10	9.00 ~ 22.80	1620	510 ~ 2000	7.9	2.5 ~ 9.8	98
07+12	Wall	Duct	—	—	6.84	11.96	—	—	18.80	8.80 ~ 21.00	1560	560 ~ 1880	7.7	2.7 ~ 9.2	98
07+15	Wall	Wall	—	—	6.31	15.79	—	—	22.10	10.00 ~ 26.40	1610	520 ~ 2170	7.9	2.6 ~ 10.6	98
07+15	Wall	Duct	—	—	5.97	14.93	—	—	20.90	9.40 ~ 24.20	1780	660 ~ 2170	8.7	3.2 ~ 10.6	98
07+18	Wall	Wall	—	—	6.00	18.00	—	—	24.00	10.10 ~ 30.00	1830	520 ~ 2750	9.0	2.6 ~ 13.5	98
07+18	Wall	Duct	—	—	5.75	17.25	—	—	23.00	9.40 ~ 27.50	2040	650 ~ 2710	10.0	3.2 ~ 13.3	98
09+09	Wall	Wall	—	—	9.75	9.75	—	—	19.50	9.00 ~ 21.60	1570	510 ~ 1830	7.7	2.5 ~ 9.0	98
09+09	Wall	Duct	—	—	9.05	9.05	—	—	18.10	8.90 ~ 19.90	1460	560 ~ 1670	7.2	2.7 ~ 8.2	98
09+09	Duct	Duct	—	—	8.35	8.35	—	—	16.70	8.80 ~ 18.10	1370	620 ~ 1560	6.7	3.0 ~ 7.7	98
09+12	Wall	Wall	—	—	8.92	12.48	—	—	21.40	9.10 ~ 25.20	1780	510 ~ 2360	8.7	2.5 ~ 11.6	98
09+12	Wall	Duct	—	—	8.43	11.77	—	—	20.20	8.90 ~ 23.10	1720	560 ~ 2160	8.4	2.7 ~ 10.6	98
09+12	Duct	Wall	—	—	8.43	11.77	—	—	20.20	9.00 ~ 23.10	1720	570 ~ 2110	8.4	2.8 ~ 10.4	98
09+12	Duct	Duct	—	—	7.87	11.03	—	—	18.90	8.80 ~ 21.00	1660	620 ~ 1930	8.1	3.0 ~ 9.5	98
09+15	Wall	Wall	—	—	7.80	15.60	—	—	23.40	10.10 ~ 28.80	1770	520 ~ 2490	8.7	2.6 ~ 12.2	98
09+15	Wall	Duct	—	—	7.43	14.87	—	—	22.30	9.50 ~ 26.40	1950	660 ~ 2530	9.6	3.2 ~ 12.4	98
09+15	Duct	Wall	—	—	7.43	14.87	—	—	22.30	10.00 ~ 26.40	1710	570 ~ 2230	8.4	2.8 ~ 10.9	98
09+15	Duct	Duct	—	—	7.07	14.13	—	—	21.20	9.40 ~ 24.00	1890	720 ~ 2280	9.3	3.5 ~ 11.2	98
09+18	Wall	Wall	—	—	7.06	16.94	—	—	24.00	10.10 ~ 30.00	1830	520 ~ 2690	9.0	2.6 ~ 13.2	98
09+18	Wall	Duct	—	—	7.00	16.80	—	—	23.80	9.50 ~ 28.50	2100	650 ~ 2850	10.3	3.2 ~ 14.0	98
09+18	Duct	Wall	—	—	7.00	16.80	—	—	23.80	10.00 ~ 28.50	1880	570 ~ 2540	9.2	2.8 ~ 12.5	98
09+18	Duct	Duct	—	—	6.91	16.59	—	—	23.50	9.40 ~ 27.00	2150	700 ~ 2690	10.5	3.4 ~ 13.2	98
12+12	Wall	Wall	—	—	11.70	11.70	—	—	23.40	9.20 ~ 28.80	2010	510 ~ 2820	9.9	2.5 ~ 13.8	98
12+12	Duct	Wall	—	—	11.15	11.15	—	—	22.30	9.00 ~ 26.40	1990	570 ~ 2660	9.8	2.8 ~ 13.0	98
12+12	Duct	Duct	—	—	10.60	10.60	—	—	21.20	8.80 ~ 24.00	1980	620 ~ 2390	9.7	3.0 ~ 11.7	98
12+15	Wall	Wall	—	—	9.88	14.12	—	—	24.00	10.20 ~ 30.00	1830	520 ~ 2690	9.0	2.6 ~ 13.2	98
12+15	Wall	Duct	—	—	9.80	14.00	—	—	23.80	9.60 ~ 28.50	2120	660 ~ 2800	10.4	3.2 ~ 13.7	98
12+15	Duct	Wall	—	—	9.80	14.00	—	—	23.80	10.00 ~ 28.50	1880	570 ~ 2600	9.2	2.8 ~ 12.8	98
12+15	Duct	Duct	—	—	9.68	13.82	—	—	23.50	9.40 ~ 27.00	2160	720 ~ 2710	10.6	3.5 ~ 13.3	98
12+18	Wall	Wall	—	—	8.84	15.16	—	—	24.00	10.20 ~ 30.00	1830	520 ~ 2700	9.0	2.6 ~ 13.2	98
12+18	Wall	Duct	—	—	8.81	15.09	—	—	23.90	9.60 ~ 28.50	2110	650 ~ 2850	10.4	3.2 ~ 14.0	98
12+18	Duct	Wall	—	—	8.81	15.09	—	—	23.90	10.00 ~ 28.50	1880	570 ~ 2540	9.2	2.8 ~ 12.5	98
12+18	Duct	Duct	—	—	8.73	14.97	—	—	23.70	9.40 ~ 27.00	2210	700 ~ 2690	10.8	3.4 ~ 13.2	98
15+15	Wall	Wall	—	—	12.00	12.00	—	—	24.00	10.80 ~ 30.00	1580	500 ~ 2350	7.8	2.5 ~ 11.5	98
15+15	Duct	Wall	—	—	11.95	11.95	—	—	23.90	10.40 ~ 28.50	1880	660 ~ 2470	9.2	3.2 ~ 12.1	98
15+15	Duct	Duct	—	—	11.85	11.85	—	—	23.70	9.90 ~ 27.00	2110	810 ~ 2580	10.4	4.0 ~ 12.7	98
15+18	Wall	Wall	—	—	10.91	13.09	—	—	24.00	10.80 ~ 30.00	1580	500 ~ 2350	7.8	2.5 ~ 11.5	98
15+18	Wall	Duct	—	—	10.86	13.04	—	—	23.90	10.40 ~ 28.50	1870	650 ~ 2460	9.2	3.2 ~ 12.1	98
15+18	Duct	Wall	—	—	10.86	13.04	—	—	23.90	10.50 ~ 28.50	1880	660 ~ 2470	9.2	3.2 ~ 12.1	98
15+18	Duct	Duct	—	—	10.82	12.98	—	—	23.80	9.90 ~ 27.00	2160	800 ~ 2570	10.6	3.9 ~ 12.6	98
18+18	Wall	Wall	—	—	12.00	12.00	—	—	24.00	10.90 ~ 30.00	1580	500 ~ 2360	7.8	2.5 ~ 11.6	98
18+18	Duct	Wall	—	—	12.00	12.00	—	—	24.00	10.50 ~ 28.50	1870	650 ~ 2460	9.2	3.2 ~ 12.1	98
18+18	Duct	Duct	—	—	12.00	12.00	—	—	24.00	9.90 ~ 27.00	2140	790 ~ 2560	10.5	3.9 ~ 12.6	98
07+07+07	Wall	Wall	Wall	—	7.13	7.13	7.13	—	21.40	10.00 ~ 25.20	1550	520 ~ 2000	7.6	2.6 ~ 9.8	98
07+07+09	Wall	Wall	Wall	—	6.98	6.98	8.73	—	22.70	10.10 ~ 27.60	1660	520 ~ 2360	8.1	2.6 ~ 11.6	98
07+07+09	Wall	Wall	Duct	—	6.77	6.77	8.46	—	22.00	10.00 ~ 26.10	1660	570 ~ 2230	8.1	2.8 ~ 10.9	98

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	—	A room	B room	C room	—	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
09+12+12	Duct	Wall	Duct	—	6.30	8.81	8.81	—	23.90	10.10 ~ 28.00	1930	620 ~ 2530	9.5	3.0 ~ 12.4	98	
09+12+12	Duct	Duct	Duct	—	6.26	8.77	8.77	—	23.80	9.90 ~ 27.00	2040	680 ~ 2450	10.0	3.3 ~ 12.0	98	
09+12+15	Wall	Wall	Wall	—	5.45	7.64	10.91	—	24.00	10.90 ~ 30.00	1590	490 ~ 2300	7.8	2.4 ~ 11.3	98	
09+12+15	Wall	Wall	Duct	—	5.45	7.64	10.91	—	24.00	10.60 ~ 29.00	1830	660 ~ 2480	9.0	3.2 ~ 12.2	98	
09+12+15	Wall	Duct	Wall	—	5.45	7.64	10.91	—	24.00	10.80 ~ 29.00	1640	550 ~ 2280	8.0	2.7 ~ 11.2	98	
09+12+15	Wall	Duct	Duct	—	5.45	7.64	10.91	—	24.00	10.50 ~ 28.00	1930	710 ~ 2460	9.5	3.5 ~ 12.1	98	
09+12+15	Duct	Wall	Wall	—	5.45	7.64	10.91	—	24.00	10.90 ~ 29.00	1640	550 ~ 2280	8.0	2.7 ~ 11.2	98	
09+12+15	Duct	Wall	Duct	—	5.45	7.64	10.91	—	24.00	10.50 ~ 28.00	1930	710 ~ 2400	9.5	3.5 ~ 11.8	98	
09+12+15	Duct	Duct	Wall	—	5.45	7.64	10.92	—	24.00	10.80 ~ 28.00	1740	610 ~ 2210	8.5	3.0 ~ 10.8	98	
09+12+15	Duct	Duct	Duct	—	5.45	7.64	10.91	—	24.00	10.40 ~ 27.00	1980	770 ~ 2390	9.7	3.8 ~ 11.7	98	
09+12+18	Wall	Wall	Wall	—	5.00	7.00	12.00	—	24.00	10.90 ~ 30.00	1590	490 ~ 2300	7.8	2.4 ~ 11.3	98	
09+12+18	Wall	Wall	Duct	—	5.00	7.00	12.00	—	24.00	10.60 ~ 29.00	1820	640 ~ 2470	8.9	3.1 ~ 12.1	98	
09+12+18	Wall	Duct	Wall	—	5.00	7.00	12.00	—	24.00	10.90 ~ 29.00	1640	550 ~ 2280	8.0	2.7 ~ 11.2	98	
09+12+18	Wall	Duct	Duct	—	5.00	7.00	12.00	—	24.00	10.50 ~ 28.00	1920	700 ~ 2450	9.4	3.4 ~ 12.0	98	
09+12+18	Duct	Wall	Wall	—	5.00	7.00	12.00	—	24.00	10.90 ~ 29.00	1640	550 ~ 2280	8.0	2.7 ~ 11.2	98	
09+12+18	Duct	Wall	Duct	—	5.00	7.00	12.00	—	24.00	10.50 ~ 28.00	1920	700 ~ 2390	9.4	3.4 ~ 11.7	98	
09+12+18	Duct	Duct	Wall	—	5.00	7.00	12.00	—	24.00	10.80 ~ 28.00	1740	610 ~ 2210	8.5	3.0 ~ 10.8	98	
09+12+18	Duct	Duct	Duct	—	5.00	7.00	12.00	—	24.00	10.40 ~ 27.00	1970	760 ~ 2380	9.7	3.7 ~ 11.7	98	
09+15+15	Wall	Wall	Wall	—	4.80	9.60	9.60	—	24.00	11.20 ~ 30.00	1430	460 ~ 2130	7.0	2.3 ~ 10.4	98	
09+15+15	Wall	Wall	Duct	—	4.80	9.60	9.60	—	24.00	11.10 ~ 29.00	1630	630 ~ 2270	8.0	3.1 ~ 11.1	98	
09+15+15	Wall	Duct	Duct	—	4.80	9.60	9.60	—	24.00	10.80 ~ 28.00	1930	790 ~ 2390	9.5	3.9 ~ 11.7	98	
09+15+15	Duct	Wall	Wall	—	4.80	9.60	9.60	—	24.00	11.20 ~ 29.00	1480	520 ~ 2060	7.3	2.6 ~ 10.1	98	
09+15+15	Duct	Wall	Duct	—	4.80	9.60	9.60	—	24.00	11.00 ~ 28.00	1730	690 ~ 2190	8.5	3.4 ~ 10.7	98	
09+15+15	Duct	Duct	Duct	—	4.80	9.60	9.60	—	24.00	10.70 ~ 27.00	1980	850 ~ 2320	9.7	4.2 ~ 11.4	98	
12+12+12	Wall	Wall	Wall	—	8.00	8.00	8.00	—	24.00	10.40 ~ 30.00	1730	510 ~ 2580	8.5	2.5 ~ 12.7	98	
12+12+12	Wall	Wall	Duct	—	8.00	8.00	8.00	—	24.00	10.20 ~ 29.00	1830	570 ~ 2560	9.0	2.8 ~ 12.6	98	
12+12+12	Wall	Duct	Duct	—	8.00	8.00	8.00	—	24.00	10.10 ~ 28.00	1930	620 ~ 2530	9.5	3.0 ~ 12.4	98	
12+12+12	Duct	Duct	Duct	—	8.00	8.00	8.00	—	24.00	9.90 ~ 27.00	2040	680 ~ 2450	10.0	3.3 ~ 12.0	98	
12+12+15	Wall	Wall	Wall	—	7.00	7.00	10.01	—	24.00	11.00 ~ 30.00	1530	490 ~ 2300	7.5	2.4 ~ 11.3	98	
12+12+15	Wall	Wall	Duct	—	7.00	7.00	9.99	—	24.00	10.60 ~ 29.00	1830	650 ~ 2480	9.0	3.2 ~ 12.2	98	
12+12+15	Wall	Duct	Wall	—	7.00	7.00	10.00	—	24.00	10.90 ~ 29.00	1640	550 ~ 2280	8.0	2.7 ~ 11.2	98	
12+12+15	Wall	Duct	Duct	—	7.00	7.00	10.01	—	24.00	10.50 ~ 28.00	1930	710 ~ 2400	9.5	3.5 ~ 11.8	98	
12+12+15	Duct	Duct	Wall	—	7.00	7.00	9.99	—	24.00	10.80 ~ 28.00	1740	610 ~ 2210	8.5	3.0 ~ 10.8	98	
12+12+15	Duct	Duct	Duct	—	7.00	7.00	10.00	—	24.00	10.40 ~ 27.00	1980	770 ~ 2390	9.7	3.8 ~ 11.7	98	

- Notes:**
- Cooling capacity is based on 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB) (Indoor temperature), 95°FDB (35°CDB) / 75°FWB (24°CWB) (Outdoor temperature). Heating capacity is based on 70°FDB (21°CDB) / 60°FWB (15.6°CWB) (Indoor temperature), 47°FDB (8.3°CDB) / 43°FWB (6°CWB) (Outdoor temperature).
 - The total ability of connected indoor units is up to 39.0 kBtu/h.
 - It is impossible to connect the indoor unit for one room only.
 - The above is the value for connecting with the following indoor units.
 - 7.0 kBTU/h class; wall mount type L series
 - 9.0 kBTU/h class; wall mount type L series or Duct type L series
 - 12.0 kBTU/h class; wall mount type L series or Duct type L series
 - 15.0 kBTU/h class; wall mount type L series or Duct type L series
 - 18.0 kBTU/h class; wall mount type L series or Duct type L series

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Heating [60 Hz, 208 V]

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	—	A room	B room	C room	—	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
07	Wall	—	—	—	8.80	—	—	—	8.80	8.70 ~ 9.70	510	460 ~ 560	2.5	2.3 ~ 2.7	98	
09	Wall	—	—	—	11.30	—	—	—	11.30	10.00 ~ 12.50	740	600 ~ 890	3.6	2.9 ~ 4.4	98	
09	Duct	—	—	—	10.70	—	—	—	10.70	10.40 ~ 12.50	760	700 ~ 980	3.7	3.4 ~ 4.8	98	
12	Wall	—	—	—	15.00	—	—	—	15.00	9.90 ~ 16.70	1110	580 ~ 1310	5.4	2.8 ~ 6.4	98	
12	Duct	—	—	—	14.30	—	—	—	14.30	10.40 ~ 16.70	1210	700 ~ 1570	5.9	3.4 ~ 7.7	98	
15	Wall	—	—	—	18.80	—	—	—	18.80	9.40 ~ 20.80	1320	510 ~ 1550	6.5	2.5 ~ 7.6	98	
15	Duct	—	—	—	16.60	—	—	—	16.60	10.10 ~ 20.80	1510	740 ~ 2120	7.4	3.6 ~ 10.4	98	
18	Wall	—	—	—	22.50	—	—	—	22.50	9.40 ~ 25.00	1710	500 ~ 2050	8.4	2.5 ~ 10.1	98	
18	Duct	—	—	—	18.80	—	—	—	18.80	10.10 ~ 25.00	1770	730 ~ 2760	8.7	3.6 ~ 13.5	98	
07+07	Wall	Wall	—	—	8.75	8.75	—	—	17.50	9.30 ~ 19.40	1170	490 ~ 1340	5.7	2.4 ~ 6.6	98	
07+09	Wall	Wall	—	—	8.89	11.11	—	—	20.00	9.20 ~ 22.20	1340	480 ~ 1560	6.6	2.4 ~ 7.7	98	
07+09	Wall	Duct	—	—	8.31	10.39	—	—	18.70	9.40 ~ 22.20	1380	560 ~ 1800	6.8	2.7 ~ 8.8	98	
07+12	Wall	Wall	—	—	8.25	14.45	—	—	22.70	9.10 ~ 26.60	1610	470 ~ 2010	7.9	2.3 ~ 9.9	98	
07+12	Wall	Duct	—	—	7.67	13.43	—	—	21.10	9.40 ~ 26.20	1660	560 ~ 2290	8.1	2.7 ~ 11.2	98	
07+15	Wall	Wall	—	—	6.69	16.71	—	—	23.40	8.70 ~ 31.30	1500	430 ~ 2360	7.4	2.1 ~ 11.6	98	
07+15	Wall	Duct	—	—	6.31	15.79	—	—	22.10	9.20 ~ 29.70	1710	620 ~ 2650	8.4	3.0 ~ 13.0	98	
07+18	Wall	Wall	—	—	6.00	18.00	—	—	24.00	8.70 ~ 36.00	1570	430 ~ 3040	7.7	2.1 ~ 14.9	98	
07+18	Wall	Duct	—	—	5.78	17.32	—	—	23.10	9.20 ~ 33.20	1830	610 ~ 3120	9.0	3.0 ~ 15.3	98	
09+09	Wall	Wall	—	—	11.25	11.25	—	—	22.50	9.10 ~ 25.00	1560	470 ~ 1830	7.7	2.3 ~ 9.0	98	
09+09	Wall	Duct	—	—	11.15	11.15	—	—	22.30	9.30 ~ 25.00	1740	550 ~ 2080	8.5	2.7 ~ 10.2	98	
09+09	Duct	Duct	—	—	11.05	11.05	—	—	22.10	9.60 ~ 25.00	1960	640 ~ 2330	9.6	3.1 ~ 11.4	98	
09+12	Wall	Wall	—	—	9.63	13.48	—	—	23.10	9.00 ~ 29.70	1610	460 ~ 2390	7.9	2.3 ~ 11.7	98	
09+12	Wall	Duct	—	—	9.04	12.66	—	—	21.70	9.30 ~ 28.50	1650	550 ~ 2530	8.1	2.7 ~ 12.4	98	
09+12	Duct	Wall	—	—	9.04	12.66	—	—	21.70	9.30 ~ 28.50	1610	540 ~ 2470	7.9	2.6 ~ 12.1	98	
09+12	Duct	Duct	—	—	8.46	11.83	—	—	20.30	9.60 ~ 27.30	1710	640 ~ 2710	8.4	3.1 ~ 13.3	98	
09+15	Wall	Wall	—	—	7.93	15.87	—	—	23.80	9.70 ~ 34.40	1520	490 ~ 2770	7.5	2.4 ~ 13.6	98	
09+15	Wall	Duct	—	—	7.57	15.13	—	—	22.70	9.10 ~ 32.10	1750	610 ~ 2950	8.6	3.0 ~ 14.5	98	
09+15	Duct	Wall	—	—	7.57	15.13	—	—	22.70	8.90 ~ 32.10	1550	500 ~ 2630	7.6	2.5 ~ 12.9	98	
09+15	Duct	Duct	—	—	7.20	14.40	—	—	21.60	9.40 ~ 29.70	1800	690 ~ 2900	8.8	3.4 ~ 14.2	98	
09+18	Wall	Wall	—	—	7.06	16.94	—	—	24.00	8.60 ~ 36.00	1550	430 ~ 3010	7.6	2.1 ~ 14.8	98	
09+18	Wall	Duct	—	—	6.91	16.59	—	—	23.50	9.10 ~ 34.00	1830	600 ~ 3150	9.0	2.9 ~ 15.5	98	
09+18	Duct	Wall	—	—	6.91	16.59	—	—	23.50	8.80 ~ 34.00	1620	490 ~ 2910	7.9	2.4 ~ 14.3	98	
09+18	Duct	Duct	—	—	6.76	16.24	—	—	23.00	9.40 ~ 32.00	1980	680 ~ 3100	9.7	3.3 ~ 15.2	98	
12+12	Wall	Wall	—	—	11.90	11.90	—	—	23.80	9.00 ~ 34.40	1620	450 ~ 3000	7.9	2.2 ~ 14.7	98	
12+12	Duct	Wall	—	—	11.35	11.35	—	—	22.70	9.30 ~ 32.10	1750	540 ~ 3050	8.6	2.6 ~ 15.0	98	
12+12	Duct	Duct	—	—	10.80	10.80	—	—	21.60	9.60 ~ 29.70	1860	640 ~ 3110	9.1	3.1 ~ 15.3	98	
12+15	Wall	Wall	—	—	9.88	14.12	—	—	24.00	8.60 ~ 36.00	1550	430 ~ 3000	7.6	2.1 ~ 14.7	98	
12+15	Wall	Duct	—	—	9.68	13.82	—	—	23.50	9.00 ~ 34.00	1800	610 ~ 3100	8.8	3.0 ~ 15.2	98	
12+15	Duct	Wall	—	—	9.68	13.82	—	—	23.50	8.90 ~ 34.00	1630	500 ~ 2930	8.0	2.5 ~ 14.4	98	
12+15	Duct	Duct	—	—	9.47	13.53	—	—	23.00	9.40 ~ 32.00	1990	690 ~ 3110	9.8	3.4 ~ 15.3	98	
12+18	Wall	Wall	—	—	8.84	15.16	—	—	24.00	8.60 ~ 36.00	1540	430 ~ 2990	7.6	2.1 ~ 14.7	98	
12+18	Wall	Duct	—	—	8.66	14.84	—	—	23.50	9.00 ~ 34.00	1790	600 ~ 3150	8.8	2.9 ~ 15.5	98	
12+18	Duct	Wall	—	—	8.66	14.84	—	—	23.50	8.80 ~ 34.00	1620	490 ~ 2910	7.9	2.4 ~ 14.3	98	
12+18	Duct	Duct	—	—	8.47	14.53	—	—	23.00	9.40 ~ 32.00	1980	680 ~ 3100	9.7	3.3 ~ 15.2	98	
15+15	Wall	Wall	—	—	12.00	12.00	—	—	24.00	8.40 ~ 36.00	1550	430 ~ 2980	7.6	2.1 ~ 14.6	98	
15+15	Duct	Wall	—	—	11.75	11.75	—	—	23.50	8.70 ~ 34.00	1670	580 ~ 2870	8.2	2.8 ~ 14.1	98	
15+15	Duct	Duct	—	—	11.50	11.50	—	—	23.00	9.10 ~ 32.00	1900	760 ~ 3100	9.3	3.7 ~ 15.2	98	
15+18	Wall	Wall	—	—	10.91	13.09	—	—	24.00	8.40 ~ 36.00	1550	430 ~ 2990	7.6	2.1 ~ 14.7	98	
15+18	Wall	Duct	—	—	10.68	12.82	—	—	23.50	8.70 ~ 34.00	1660	570 ~ 2860	8.1	2.8 ~ 14.0	98	
15+18	Duct	Wall	—	—	10.68	12.82	—	—	23.50	8.70 ~ 34.00	1660	570 ~ 2850	8.1	2.8 ~ 14.0	98	
15+18	Duct	Duct	—	—	10.45	12.55	—	—	23.00	9.10 ~ 32.00	1890	750 ~ 3090	9.3	3.7 ~ 15.2	98	
18+18	Wall	Wall	—	—	12.00	12.00	—	—	24.00	8.30 ~ 36.00	1560	430 ~ 3000	7.7	2.1 ~ 14.7	98	
18+18	Duct	Wall	—	—	11.75	11.75	—	—	23.50	8.70 ~ 34.00	1650	560 ~ 2840	8.1	2.7 ~ 13.9	98	
18+18	Duct	Duct	—	—	11.50	11.50	—	—	23.00	9.10 ~ 32.00	1880	740 ~ 3080	9.2	3.6 ~ 15.1	98	
07+07+07	Wall	Wall	Wall	—	7.70	7.70	7.70	—	23.10	8.60 ~ 29.70	1470	430 ~ 2140	7.2	2.1 ~ 10.5	98	
07+07+09	Wall	Wall	Wall	—	7.26	7.26	9.08	—	23.60	8.60 ~ 32.90	1500	430 ~ 2540	7.4	2.1 ~ 12.5	98	
07+07+09	Wall	Wall	Duct	—	7.02	7.02	8.77	—	22.80	8.70 ~ 31.60	1510	490 ~ 2470	7.4	2.4 ~ 12.1	98	
07+07+12	Wall	Wall	Wall	—	6.40	6.40	11.20	—	24.00	8.50 ~ 36.00	1530	430 ~ 2970	7.5	2.1 ~ 14.6	98	

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit										
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)
	A room	B room	C room	—	A room	B room	C room	—	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating
07+07+12	Wall	Wall	Duct	—	6.27	6.27	10.96	—	23.50	8.70 ~ 34.40	1590	490 ~ 2860	7.8	2.4 ~ 14.0	98
07+07+15	Wall	Wall	Wall	—	5.33	5.33	13.32	—	24.00	8.30 ~ 36.00	1620	430 ~ 3020	7.9	2.1 ~ 14.8	98
07+07+15	Wall	Wall	Duct	—	5.27	5.27	13.16	—	23.70	8.60 ~ 34.70	1650	570 ~ 2930	8.1	2.8 ~ 14.4	98
07+07+18	Wall	Wall	Wall	—	4.80	4.80	14.40	—	24.00	8.30 ~ 36.00	1630	430 ~ 3040	8.0	2.1 ~ 14.9	98
07+07+18	Wall	Wall	Duct	—	4.74	4.74	14.22	—	23.70	8.60 ~ 34.70	1640	560 ~ 2920	8.0	2.7 ~ 14.3	98
07+09+09	Wall	Wall	Wall	—	6.85	8.57	8.57	—	24.00	8.50 ~ 36.00	1460	430 ~ 2970	7.2	2.1 ~ 14.6	98
07+09+09	Wall	Wall	Duct	—	6.68	8.36	8.36	—	23.40	8.70 ~ 34.10	1530	480 ~ 2780	7.5	2.4 ~ 13.6	98
07+09+09	Wall	Duct	Duct	—	6.49	8.11	8.11	—	22.70	8.90 ~ 32.30	1690	550 ~ 2740	8.3	2.7 ~ 13.4	98
07+09+12	Wall	Wall	Wall	—	6.00	7.50	10.50	—	24.00	8.50 ~ 36.00	1530	420 ~ 2960	7.5	2.1 ~ 14.5	98
07+09+12	Wall	Wall	Duct	—	5.93	7.41	10.37	—	23.70	8.70 ~ 34.70	1570	480 ~ 2880	7.7	2.4 ~ 14.1	98
07+09+12	Wall	Duct	Wall	—	5.93	7.41	10.37	—	23.70	8.60 ~ 34.70	1560	480 ~ 2850	7.7	2.4 ~ 14.0	98
07+09+12	Wall	Duct	Duct	—	5.83	7.28	10.19	—	23.30	8.90 ~ 33.30	1650	550 ~ 2890	8.1	2.7 ~ 14.2	98
07+09+15	Wall	Wall	Wall	—	5.05	6.32	12.63	—	24.00	8.30 ~ 36.00	1640	440 ~ 3050	8.0	2.2 ~ 15.0	98
07+09+15	Wall	Wall	Duct	—	4.99	6.24	12.47	—	23.70	8.50 ~ 34.70	1640	570 ~ 2910	8.0	2.8 ~ 14.3	98
07+09+15	Wall	Duct	Wall	—	4.99	6.24	12.47	—	23.70	8.40 ~ 34.70	1600	480 ~ 2830	7.8	2.4 ~ 13.9	98
07+09+15	Wall	Duct	Duct	—	4.91	6.13	12.26	—	23.30	8.70 ~ 33.30	1680	630 ~ 2830	8.2	3.1 ~ 13.9	98
07+09+18	Wall	Wall	Wall	—	4.57	5.71	13.71	—	24.00	8.30 ~ 36.00	1650	440 ~ 3070	8.1	2.2 ~ 15.1	98
07+09+18	Wall	Wall	Duct	—	4.51	5.64	13.54	—	23.70	8.50 ~ 34.70	1630	560 ~ 2900	8.0	2.7 ~ 14.2	98
07+09+18	Wall	Duct	Wall	—	4.51	5.64	13.54	—	23.70	8.40 ~ 34.70	1600	480 ~ 2840	7.8	2.4 ~ 13.9	98
07+09+18	Wall	Duct	Duct	—	4.44	5.55	13.30	—	23.30	8.70 ~ 33.30	1670	620 ~ 2820	8.2	3.0 ~ 13.8	98
07+12+12	Wall	Wall	Wall	—	5.34	9.33	9.33	—	24.00	8.40 ~ 36.00	1540	420 ~ 2960	7.6	2.1 ~ 14.5	98
07+12+12	Wall	Wall	Duct	—	5.27	9.22	9.22	—	23.70	8.60 ~ 34.70	1560	480 ~ 2850	7.7	2.4 ~ 14.0	98
07+12+12	Wall	Duct	Duct	—	5.17	9.06	9.06	—	23.30	8.90 ~ 33.30	1650	550 ~ 2890	8.1	2.7 ~ 14.2	98
07+12+15	Wall	Wall	Wall	—	4.57	8.00	11.42	—	24.00	8.30 ~ 36.00	1660	440 ~ 3090	8.1	2.2 ~ 15.2	98
07+12+15	Wall	Wall	Duct	—	4.51	7.90	11.29	—	23.70	8.50 ~ 34.70	1640	570 ~ 2910	8.0	2.8 ~ 14.3	98
07+12+15	Wall	Duct	Wall	—	4.51	7.90	11.29	—	23.70	8.40 ~ 34.70	1600	480 ~ 2830	7.8	2.4 ~ 13.9	98
07+12+15	Wall	Duct	Duct	—	4.44	7.77	11.10	—	23.30	8.70 ~ 33.30	1680	630 ~ 2830	8.2	3.1 ~ 13.9	98
07+12+18	Wall	Wall	Wall	—	4.17	7.30	12.52	—	24.00	8.30 ~ 36.00	1680	440 ~ 3110	8.2	2.2 ~ 15.3	98
07+12+18	Wall	Wall	Duct	—	4.12	7.21	12.37	—	23.70	8.50 ~ 34.70	1630	560 ~ 2900	8.0	2.7 ~ 14.2	98
07+12+18	Wall	Duct	Wall	—	4.12	7.21	12.37	—	23.70	8.40 ~ 34.70	1600	480 ~ 2840	7.8	2.4 ~ 13.9	98
07+12+18	Wall	Duct	Duct	—	4.05	7.09	12.15	—	23.30	8.70 ~ 33.30	1670	620 ~ 2820	8.2	3.0 ~ 13.8	98
07+15+15	Wall	Wall	Wall	—	3.99	10.00	10.00	—	24.00	8.20 ~ 36.00	1920	480 ~ 3150	9.4	2.4 ~ 15.5	98
07+15+15	Wall	Wall	Duct	—	3.95	9.88	9.88	—	23.70	8.30 ~ 34.70	1730	570 ~ 2980	8.5	2.8 ~ 14.6	98
07+15+15	Wall	Duct	Duct	—	3.88	9.71	9.71	—	23.30	8.50 ~ 33.30	1730	690 ~ 2850	8.5	3.4 ~ 14.0	98
09+09+09	Wall	Wall	Wall	—	8.00	8.00	8.00	—	24.00	8.50 ~ 36.00	1530	420 ~ 2960	7.5	2.1 ~ 14.5	98
09+09+09	Wall	Wall	Duct	—	7.90	7.90	7.90	—	23.70	8.60 ~ 34.70	1560	480 ~ 2850	7.7	2.4 ~ 14.0	98
09+09+09	Wall	Duct	Duct	—	7.77	7.77	7.77	—	23.30	8.80 ~ 33.30	1620	540 ~ 2800	7.9	2.6 ~ 13.7	98
09+09+09	Duct	Duct	Duct	—	7.67	7.67	7.67	—	23.00	9.00 ~ 32.00	1720	610 ~ 2840	8.4	3.0 ~ 13.9	98
09+09+12	Wall	Wall	Wall	—	7.06	7.06	9.88	—	24.00	8.40 ~ 36.00	1540	420 ~ 2960	7.6	2.1 ~ 14.5	98
09+09+12	Wall	Wall	Duct	—	6.97	6.97	9.76	—	23.70	8.60 ~ 34.70	1560	480 ~ 2850	7.7	2.4 ~ 14.0	98
09+09+12	Wall	Duct	Wall	—	6.97	6.97	9.76	—	23.70	8.60 ~ 34.70	1550	480 ~ 2830	7.6	2.4 ~ 13.9	98
09+09+12	Wall	Duct	Duct	—	6.85	6.85	9.60	—	23.30	8.80 ~ 33.30	1620	540 ~ 2800	7.9	2.6 ~ 13.7	98
09+09+12	Duct	Duct	Wall	—	6.85	6.85	9.60	—	23.30	8.80 ~ 33.30	1600	540 ~ 2760	7.8	2.6 ~ 13.5	98
09+09+12	Duct	Duct	Duct	—	6.76	6.76	9.46	—	23.00	9.00 ~ 32.00	1720	610 ~ 2840	8.4	3.0 ~ 13.9	98
09+09+15	Wall	Wall	Wall	—	6.00	6.00	11.99	—	24.00	8.30 ~ 36.00	1670	440 ~ 3090	8.2	2.2 ~ 15.2	98
09+09+15	Wall	Wall	Duct	—	5.93	5.93	11.85	—	23.70	8.50 ~ 34.70	1640	570 ~ 2910	8.0	2.8 ~ 14.3	98
09+09+15	Wall	Duct	Wall	—	5.93	5.93	11.85	—	23.70	8.40 ~ 34.70	1610	480 ~ 2850	7.9	2.4 ~ 14.0	98
09+09+15	Wall	Duct	Duct	—	5.83	5.83	11.64	—	23.30	8.60 ~ 33.30	1670	620 ~ 2800	8.2	3.0 ~ 13.7	98
09+09+15	Duct	Duct	Wall	—	5.83	5.83	11.64	—	23.30	8.50 ~ 33.30	1560	530 ~ 2670	7.7	2.6 ~ 13.1	98
09+09+15	Duct	Duct	Duct	—	5.75	5.75	11.50	—	23.00	8.80 ~ 32.00	1730	690 ~ 2800	8.5	3.4 ~ 13.7	98
09+09+18	Wall	Wall	Wall	—	5.45	5.45	13.08	—	24.00	8.30 ~ 36.00	1680	440 ~ 3110	8.2	2.2 ~ 15.3	98
09+09+18	Wall	Wall	Duct	—	5.39	5.39	12.93	—	23.70	8.50 ~ 34.70	1630	560 ~ 2900	8.0	2.7 ~ 14.2	98
09+09+18	Wall	Duct	Wall	—	5.39	5.39	12.93	—	23.70	8.30 ~ 34.70	1620	480 ~ 2860	7.9	2.4 ~ 14.0	98
09+09+18	Wall	Duct	Duct	—	5.30	5.30	12.70	—	23.30	8.60 ~ 33.30	1660	610 ~ 2790	8.1	3.0 ~ 13.7	98
09+09+18	Duct	Duct	Wall	—	5.30	5.30	12.70	—	23.30	8.50 ~ 33.30	1560	530 ~ 2680	7.7	2.6 ~ 13.1	98
09+09+18	Duct	Duct	Duct	—	5.23	5.23	12.55	—	23.00	8.80 ~ 32.00	1720	680 ~ 2790	8.4	3.3 ~ 13.7	98
09+12+12	Wall	Wall	Wall	—	6.31	8.84	8.84	—	24.00	8.40 ~ 36.00	1540	430 ~ 2970	7.6	2.1 ~ 14.6	98
09+12+12	Wall	Wall	Duct	—	6.24	8.73	8.73	—	23.70	8.60 ~ 34.70	1550	480 ~ 2830	7.6	2.4 ~ 13.9	98
09+12+12	Wall	Duct	Duct	—	6.12	8.58	8.58	—	23.30	8.80 ~ 33.30	1620	540 ~ 2800	7.9	2.6 ~ 13.7	98
09+12+12	Duct	Wall	Wall	—	6.24	8.73	8.73	—	23.70	8.50 ~ 34.70	1550	480 ~ 2820	7.6	2.4 ~ 13.8	98
09+12+12	Duct	Wall	Duct	—	6.12	8.58	8.58	—	23.30	8.80 ~ 33.30	1600	540 ~ 2760	7.8	2.6 ~ 13.5	98

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	—	A room	B room	C room	—	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
09+12+12	Duct	Duct	Duct	—	6.06	8.47	8.47	—	23.00	9.00 ~ 32.00	1720	610 ~ 2840	8.4	3.0 ~ 13.9	98	
09+12+15	Wall	Wall	Wall	—	5.45	7.64	10.91	—	24.00	8.20 ~ 36.00	1690	440 ~ 3140	8.3	2.2 ~ 15.4	98	
09+12+15	Wall	Wall	Duct	—	5.39	7.54	10.77	—	23.70	8.40 ~ 34.70	1640	570 ~ 2910	8.0	2.8 ~ 14.3	98	
09+12+15	Wall	Duct	Wall	—	5.39	7.54	10.77	—	23.70	8.40 ~ 34.70	1610	480 ~ 2850	7.9	2.4 ~ 14.0	98	
09+12+15	Wall	Duct	Duct	—	5.30	7.41	10.59	—	23.30	8.60 ~ 33.30	1670	620 ~ 2800	8.2	3.0 ~ 13.7	98	
09+12+15	Duct	Wall	Wall	—	5.39	7.54	10.77	—	23.70	8.30 ~ 34.70	1630	480 ~ 2870	8.0	2.4 ~ 14.1	98	
09+12+15	Duct	Wall	Duct	—	5.30	7.41	10.59	—	23.30	8.60 ~ 33.30	1660	620 ~ 2780	8.1	3.0 ~ 13.6	98	
09+12+15	Duct	Duct	Wall	—	5.30	7.41	10.59	—	23.30	8.50 ~ 33.30	1560	530 ~ 2670	7.7	2.6 ~ 13.1	98	
09+12+15	Duct	Duct	Duct	—	5.23	7.32	10.45	—	23.00	8.80 ~ 32.00	1730	690 ~ 2800	8.5	3.4 ~ 13.7	98	
09+12+18	Wall	Wall	Wall	—	5.00	7.00	12.00	—	24.00	8.20 ~ 36.00	1710	450 ~ 3110	8.4	2.2 ~ 15.3	98	
09+12+18	Wall	Wall	Duct	—	4.94	6.91	11.85	—	23.70	8.40 ~ 34.70	1630	560 ~ 2900	8.0	2.7 ~ 14.2	98	
09+12+18	Wall	Duct	Wall	—	4.94	6.91	11.85	—	23.70	8.30 ~ 34.70	1620	480 ~ 2860	7.9	2.4 ~ 14.0	98	
09+12+18	Wall	Duct	Duct	—	4.85	6.80	11.65	—	23.30	8.60 ~ 33.30	1660	610 ~ 2790	8.1	3.0 ~ 13.7	98	
09+12+18	Duct	Wall	Wall	—	4.94	6.91	11.85	—	23.70	8.30 ~ 34.70	1630	480 ~ 2880	8.0	2.4 ~ 14.1	98	
09+12+18	Duct	Wall	Duct	—	4.85	6.80	11.65	—	23.30	8.60 ~ 33.30	1650	610 ~ 2770	8.1	3.0 ~ 13.6	98	
09+12+18	Duct	Duct	Wall	—	4.85	6.80	11.65	—	23.30	8.50 ~ 33.30	1560	530 ~ 2680	7.7	2.6 ~ 13.1	98	
09+12+18	Duct	Duct	Duct	—	4.79	6.71	11.50	—	23.00	8.80 ~ 32.00	1720	680 ~ 2790	8.4	3.3 ~ 13.7	98	
09+15+15	Wall	Wall	Wall	—	4.80	9.60	9.60	—	24.00	8.20 ~ 36.00	2020	490 ~ 3130	9.9	2.4 ~ 15.4	98	
09+15+15	Wall	Wall	Duct	—	4.74	9.48	9.48	—	23.70	8.30 ~ 34.70	1760	580 ~ 3080	8.6	2.8 ~ 15.1	98	
09+15+15	Wall	Duct	Duct	—	4.66	9.32	9.32	—	23.30	8.50 ~ 33.30	1740	710 ~ 2860	8.5	3.5 ~ 14.0	98	
09+15+15	Duct	Wall	Wall	—	4.74	9.48	9.48	—	23.70	8.20 ~ 34.70	1830	510 ~ 3110	9.0	2.5 ~ 15.3	98	
09+15+15	Duct	Wall	Duct	—	4.66	9.32	9.32	—	23.30	8.40 ~ 33.30	1710	620 ~ 2800	8.4	3.0 ~ 13.7	98	
09+15+15	Duct	Duct	Duct	—	4.60	9.20	9.20	—	23.00	8.60 ~ 32.00	1770	770 ~ 2760	8.7	3.8 ~ 13.5	98	
12+12+12	Wall	Wall	Wall	—	8.00	8.00	8.00	—	24.00	8.40 ~ 36.00	1550	430 ~ 2990	7.6	2.1 ~ 14.7	98	
12+12+12	Wall	Wall	Duct	—	7.90	7.90	7.90	—	23.70	8.50 ~ 34.70	1550	480 ~ 2820	7.6	2.4 ~ 13.8	98	
12+12+12	Wall	Duct	Duct	—	7.77	7.77	7.77	—	23.30	8.80 ~ 33.30	1600	540 ~ 2760	7.8	2.6 ~ 13.5	98	
12+12+12	Duct	Duct	Duct	—	7.67	7.67	7.67	—	23.00	9.00 ~ 32.00	1720	610 ~ 2840	8.4	3.0 ~ 13.9	98	
12+12+15	Wall	Wall	Wall	—	7.00	7.00	10.00	—	24.00	8.20 ~ 36.00	1730	450 ~ 3140	8.5	2.2 ~ 15.4	98	
12+12+15	Wall	Wall	Duct	—	6.91	6.91	9.89	—	23.70	8.40 ~ 34.70	1690	570 ~ 2920	8.3	2.8 ~ 14.3	98	
12+12+15	Wall	Duct	Wall	—	6.91	6.91	9.89	—	23.70	8.30 ~ 34.70	1630	480 ~ 2870	8.0	2.4 ~ 14.1	98	
12+12+15	Wall	Duct	Duct	—	6.80	6.80	9.70	—	23.30	8.60 ~ 33.30	1660	620 ~ 2780	8.1	3.0 ~ 13.6	98	
12+12+15	Duct	Duct	Wall	—	6.80	6.80	9.70	—	23.30	8.50 ~ 33.30	1560	530 ~ 2670	7.7	2.6 ~ 13.1	98	
12+12+15	Duct	Duct	Duct	—	6.71	6.71	9.58	—	23.00	8.80 ~ 32.00	1730	690 ~ 2800	8.5	3.4 ~ 13.7	98	

- Notes:**
- Cooling capacity is based on 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB) (Indoor temperature), 95°FDB (35°CDB) / 75°FWB (24°CWB) (Outdoor temperature). Heating capacity is based on 70°FDB (21°CDB) / 60°FWB (15.6°CWB) (Indoor temperature), 47°FDB (8.3°CDB) / 43°FWB (6°CWB) (Outdoor temperature).
 - The total ability of connected indoor units is up to 39.0 kBtu/h.
 - It is impossible to connect the indoor unit for one room only.
 - The above is the value for connecting with the following indoor units.
 7.0 kBtu/h class; wall mount type L series
 9.0 kBtu/h class; wall mount type L series or Duct type L series
 12.0 kBtu/h class; wall mount type L series or Duct type L series
 15.0 kBtu/h class; wall mount type L series or Duct type L series
 18.0 kBtu/h class; wall mount type L series or Duct type L series

C: 3D093886
 C: 3D093887
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Cooling [60 Hz, 230 V]

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	—	A room	B room	C room	—	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
07	Wall	—	—	—	7.60	—	—	—	7.60	7.30 ~ 8.40	580	480 ~ 580	2.6	2.1 ~ 2.6	98	
09	Wall	—	—	—	9.80	—	—	—	9.80	7.40 ~ 10.80	720	480 ~ 800	3.2	2.1 ~ 3.5	98	
09	Duct	—	—	—	9.10	—	—	—	9.10	7.30 ~ 9.60	700	530 ~ 700	3.1	2.4 ~ 3.1	98	
12	Wall	—	—	—	13.00	—	—	—	13.00	7.50 ~ 14.40	1040	480 ~ 1220	4.6	2.1 ~ 5.4	98	
12	Duct	—	—	—	12.10	—	—	—	12.10	7.30 ~ 12.10	1050	530 ~ 1050	4.7	2.4 ~ 4.7	98	
15	Wall	—	—	—	16.30	—	—	—	16.30	8.90 ~ 18.00	1220	510 ~ 1410	5.4	2.3 ~ 6.3	98	
15	Duct	—	—	—	14.40	—	—	—	14.40	8.10 ~ 15.10	1250	640 ~ 1340	5.5	2.8 ~ 5.9	98	
18	Wall	—	—	—	19.50	—	—	—	19.50	8.90 ~ 21.60	1560	510 ~ 1880	6.9	2.3 ~ 8.3	98	
18	Duct	—	—	—	16.70	—	—	—	16.70	8.10 ~ 18.10	1560	630 ~ 1710	6.9	2.8 ~ 7.6	98	
07+07	Wall	Wall	—	—	7.60	7.60	—	—	15.20	8.90 ~ 16.80	1080	510 ~ 1270	4.8	2.3 ~ 5.6	98	
07+09	Wall	Wall	—	—	7.69	9.61	—	—	17.30	8.90 ~ 19.20	1320	510 ~ 1510	5.9	2.3 ~ 6.7	98	
07+09	Wall	Duct	—	—	7.20	9.00	—	—	16.20	8.80 ~ 17.70	1270	560 ~ 1410	5.6	2.5 ~ 6.3	98	
07+12	Wall	Wall	—	—	7.31	12.79	—	—	20.10	9.00 ~ 22.80	1620	510 ~ 2000	7.2	2.3 ~ 8.9	98	
07+12	Wall	Duct	—	—	6.84	11.96	—	—	18.80	8.80 ~ 21.00	1560	560 ~ 1880	6.9	2.5 ~ 8.3	98	
07+15	Wall	Wall	—	—	6.31	15.79	—	—	22.10	10.00 ~ 26.40	1610	520 ~ 2170	7.1	2.3 ~ 9.6	98	
07+15	Wall	Duct	—	—	5.97	14.93	—	—	20.90	9.40 ~ 24.20	1780	660 ~ 2170	7.9	2.9 ~ 9.6	98	
07+18	Wall	Wall	—	—	6.00	18.00	—	—	24.00	10.10 ~ 30.00	1830	520 ~ 2750	8.1	2.3 ~ 12.2	98	
07+18	Wall	Duct	—	—	5.75	17.25	—	—	23.00	9.40 ~ 27.50	2040	650 ~ 2710	9.1	2.9 ~ 12.0	98	
09+09	Wall	Wall	—	—	9.75	9.75	—	—	19.50	9.00 ~ 21.60	1570	510 ~ 1830	7.0	2.3 ~ 8.1	98	
09+09	Wall	Duct	—	—	9.05	9.05	—	—	18.10	8.90 ~ 19.90	1460	560 ~ 1670	6.5	2.5 ~ 7.4	98	
09+09	Duct	Duct	—	—	8.35	8.35	—	—	16.70	8.80 ~ 18.10	1370	620 ~ 1560	6.1	2.8 ~ 6.9	98	
09+12	Wall	Wall	—	—	8.92	12.48	—	—	21.40	9.10 ~ 25.20	1780	510 ~ 2360	7.9	2.3 ~ 10.5	98	
09+12	Wall	Duct	—	—	8.43	11.77	—	—	20.20	8.90 ~ 23.10	1720	560 ~ 2160	7.6	2.5 ~ 9.6	98	
09+12	Duct	Wall	—	—	8.43	11.77	—	—	20.20	9.00 ~ 23.10	1720	570 ~ 2110	7.6	2.5 ~ 9.4	98	
09+12	Duct	Duct	—	—	7.87	11.03	—	—	18.90	8.80 ~ 21.00	1660	620 ~ 1930	7.4	2.8 ~ 8.6	98	
09+15	Wall	Wall	—	—	7.80	15.60	—	—	23.40	10.10 ~ 28.80	1770	520 ~ 2490	7.9	2.3 ~ 11.0	98	
09+15	Wall	Duct	—	—	7.43	14.87	—	—	22.30	9.50 ~ 26.40	1950	660 ~ 2530	8.7	2.9 ~ 11.2	98	
09+15	Duct	Wall	—	—	7.43	14.87	—	—	22.30	10.00 ~ 26.40	1710	570 ~ 2230	7.6	2.5 ~ 9.9	98	
09+15	Duct	Duct	—	—	7.07	14.13	—	—	21.20	9.40 ~ 24.00	1890	720 ~ 2280	8.4	3.2 ~ 10.1	98	
09+18	Wall	Wall	—	—	7.06	16.94	—	—	24.00	10.10 ~ 30.00	1830	520 ~ 2690	8.1	2.3 ~ 11.9	98	
09+18	Wall	Duct	—	—	7.00	16.80	—	—	23.80	9.50 ~ 28.50	2100	650 ~ 2850	9.3	2.9 ~ 12.6	98	
09+18	Duct	Wall	—	—	7.00	16.80	—	—	23.80	10.00 ~ 28.50	1880	570 ~ 2540	8.3	2.5 ~ 11.3	98	
09+18	Duct	Duct	—	—	6.91	16.59	—	—	23.50	9.40 ~ 27.00	2150	700 ~ 2690	9.5	3.1 ~ 11.9	98	
12+12	Wall	Wall	—	—	11.70	11.70	—	—	23.40	9.20 ~ 28.80	2010	510 ~ 2820	8.9	2.3 ~ 12.5	98	
12+12	Duct	Wall	—	—	11.15	11.15	—	—	22.30	9.00 ~ 26.40	1990	570 ~ 2660	8.8	2.5 ~ 11.8	98	
12+12	Duct	Duct	—	—	10.60	10.60	—	—	21.20	8.80 ~ 24.00	1980	620 ~ 2390	8.8	2.8 ~ 10.6	98	
12+15	Wall	Wall	—	—	9.88	14.12	—	—	24.00	10.20 ~ 30.00	1830	520 ~ 2690	8.1	2.3 ~ 11.9	98	
12+15	Wall	Duct	—	—	9.80	14.00	—	—	23.80	9.60 ~ 28.50	2120	660 ~ 2800	9.4	2.9 ~ 12.4	98	
12+15	Duct	Wall	—	—	9.80	14.00	—	—	23.80	10.00 ~ 28.50	1880	570 ~ 2600	8.3	2.5 ~ 11.5	98	
12+15	Duct	Duct	—	—	9.68	13.82	—	—	23.50	9.40 ~ 27.00	2160	720 ~ 2710	9.6	3.2 ~ 12.0	98	
12+18	Wall	Wall	—	—	8.84	15.16	—	—	24.00	10.20 ~ 30.00	1830	520 ~ 2700	8.1	2.3 ~ 12.0	98	
12+18	Wall	Duct	—	—	8.81	15.09	—	—	23.90	9.60 ~ 28.50	2110	650 ~ 2850	9.4	2.9 ~ 12.6	98	
12+18	Duct	Wall	—	—	8.81	15.09	—	—	23.90	10.00 ~ 28.50	1880	570 ~ 2540	8.3	2.5 ~ 11.3	98	
12+18	Duct	Duct	—	—	8.73	14.97	—	—	23.70	9.40 ~ 27.00	2210	700 ~ 2690	9.8	3.1 ~ 11.9	98	
15+15	Wall	Wall	—	—	12.00	12.00	—	—	24.00	10.80 ~ 30.00	1580	500 ~ 2350	7.0	2.2 ~ 10.4	98	
15+15	Duct	Wall	—	—	11.95	11.95	—	—	23.90	10.40 ~ 28.50	1880	660 ~ 2470	8.3	2.9 ~ 11.0	98	
15+15	Duct	Duct	—	—	11.85	11.85	—	—	23.70	9.90 ~ 27.00	2110	810 ~ 2580	9.4	3.6 ~ 11.4	98	
15+18	Wall	Wall	—	—	10.91	13.09	—	—	24.00	10.80 ~ 30.00	1580	500 ~ 2350	7.0	2.2 ~ 10.4	98	
15+18	Wall	Duct	—	—	10.86	13.04	—	—	23.90	10.40 ~ 28.50	1870	650 ~ 2460	8.3	2.9 ~ 10.9	98	
15+18	Duct	Wall	—	—	10.86	13.04	—	—	23.90	10.50 ~ 28.50	1880	660 ~ 2470	8.3	2.9 ~ 11.0	98	
15+18	Duct	Duct	—	—	10.82	12.98	—	—	23.80	9.90 ~ 27.00	2160	800 ~ 2570	9.6	3.5 ~ 11.4	98	
18+18	Wall	Wall	—	—	12.00	12.00	—	—	24.00	10.90 ~ 30.00	1580	500 ~ 2360	7.0	2.2 ~ 10.5	98	
18+18	Duct	Wall	—	—	12.00	12.00	—	—	24.00	10.50 ~ 28.50	1870	650 ~ 2460	8.3	2.9 ~ 10.9	98	
18+18	Duct	Duct	—	—	12.00	12.00	—	—	24.00	9.90 ~ 27.00	2140	790 ~ 2560	9.5	3.5 ~ 11.4	98	
07+07+07	Wall	Wall	Wall	—	7.13	7.13	7.13	—	21.40	10.00 ~ 25.20	1550	520 ~ 2000	6.9	2.3 ~ 8.9	98	
07+07+09	Wall	Wall	Wall	—	6.98	6.98	8.73	—	22.70	10.10 ~ 27.60	1660	520 ~ 2360	7.4	2.3 ~ 10.5	98	
07+07+09	Wall	Wall	Duct	—	6.77	6.77	8.46	—	22.00	10.00 ~ 26.10	1660	570 ~ 2230	7.4	2.5 ~ 9.9	98	
07+07+12	Wall	Wall	Wall	—	6.40	6.40	11.19	—	24.00	10.10 ~ 30.00	1830	520 ~ 2690	8.1	2.3 ~ 11.9	98	

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	—	A room	B room	C room	—	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
07+07+12	Wall	Wall	Duct	—	6.29	6.29	11.00	—	23.60	10.00 ~ 28.70	1880	570 ~ 2600	8.3	2.5 ~ 11.5	98	
07+07+15	Wall	Wall	Wall	—	5.33	5.33	13.33	—	24.00	10.80 ~ 30.00	1580	500 ~ 2350	7.0	2.2 ~ 10.4	98	
07+07+15	Wall	Wall	Duct	—	5.31	5.31	13.28	—	23.90	10.40 ~ 29.00	1880	660 ~ 2530	8.3	2.9 ~ 11.2	98	
07+07+18	Wall	Wall	Wall	—	4.80	4.80	14.40	—	24.00	10.80 ~ 30.00	1580	500 ~ 2350	7.0	2.2 ~ 10.4	98	
07+07+18	Wall	Wall	Duct	—	4.78	4.78	14.34	—	23.90	10.40 ~ 29.00	1870	650 ~ 2520	8.3	2.9 ~ 11.2	98	
07+09+09	Wall	Wall	Wall	—	6.86	8.57	8.57	—	24.00	10.10 ~ 30.00	1830	550 ~ 2690	8.1	2.4 ~ 11.9	98	
07+09+09	Wall	Wall	Duct	—	6.66	8.32	8.32	—	23.30	10.10 ~ 28.30	1820	570 ~ 2540	8.1	2.5 ~ 11.3	98	
07+09+09	Wall	Duct	Duct	—	6.49	8.11	8.11	—	22.70	10.00 ~ 26.70	1820	660 ~ 2340	8.1	2.9 ~ 10.4	98	
07+09+12	Wall	Wall	Wall	—	6.00	7.50	10.49	—	24.00	10.20 ~ 30.00	1780	520 ~ 2700	7.9	2.3 ~ 12.0	98	
07+09+12	Wall	Wall	Duct	—	5.98	7.47	10.45	—	23.90	10.10 ~ 29.00	1880	570 ~ 2610	8.3	2.5 ~ 11.6	98	
07+09+12	Wall	Duct	Wall	—	5.98	7.47	10.45	—	23.90	10.10 ~ 29.00	1880	570 ~ 2610	8.3	2.5 ~ 11.6	98	
07+09+12	Wall	Duct	Duct	—	5.93	7.41	10.37	—	23.70	10.00 ~ 28.00	1930	630 ~ 2590	8.6	2.8 ~ 11.5	98	
07+09+15	Wall	Wall	Wall	—	5.05	6.32	12.63	—	24.00	10.90 ~ 30.00	1580	500 ~ 2360	7.0	2.2 ~ 10.5	98	
07+09+15	Wall	Wall	Duct	—	5.03	6.29	12.58	—	23.90	10.50 ~ 29.00	1820	660 ~ 2540	8.1	2.9 ~ 11.3	98	
07+09+15	Wall	Duct	Wall	—	5.03	6.29	12.58	—	23.90	10.80 ~ 29.00	1640	560 ~ 2280	7.3	2.5 ~ 10.1	98	
07+09+15	Wall	Duct	Duct	—	5.01	6.26	12.53	—	23.80	10.40 ~ 28.00	1930	710 ~ 2460	8.6	3.1 ~ 10.9	98	
07+09+18	Wall	Wall	Wall	—	4.57	5.71	13.71	—	24.00	10.90 ~ 30.00	1580	500 ~ 2360	7.0	2.2 ~ 10.5	98	
07+09+18	Wall	Wall	Duct	—	4.57	5.71	13.71	—	24.00	10.50 ~ 29.00	1870	650 ~ 2530	8.3	2.9 ~ 11.2	98	
07+09+18	Wall	Duct	Wall	—	4.57	5.71	13.71	—	24.00	10.80 ~ 29.00	1640	550 ~ 2280	7.3	2.4 ~ 10.1	98	
07+09+18	Wall	Duct	Duct	—	4.55	5.69	13.66	—	23.90	10.40 ~ 28.00	1920	700 ~ 2450	8.5	3.1 ~ 10.9	98	
07+12+12	Wall	Wall	Wall	—	5.33	9.33	9.33	—	24.00	10.30 ~ 30.00	1780	520 ~ 2640	7.9	2.3 ~ 11.7	98	
07+12+12	Wall	Wall	Duct	—	5.32	9.29	9.29	—	23.90	10.10 ~ 29.00	1880	570 ~ 2610	8.3	2.5 ~ 11.6	98	
07+12+12	Wall	Duct	Duct	—	5.29	9.26	9.26	—	23.80	10.00 ~ 28.00	1980	630 ~ 2590	8.8	2.8 ~ 11.5	98	
07+12+15	Wall	Wall	Wall	—	4.57	8.00	11.43	—	24.00	10.90 ~ 30.00	1580	500 ~ 2360	7.0	2.2 ~ 10.5	98	
07+12+15	Wall	Wall	Duct	—	4.57	8.00	11.43	—	24.00	10.50 ~ 29.00	1830	660 ~ 2540	8.1	2.9 ~ 11.3	98	
07+12+15	Wall	Duct	Wall	—	4.57	8.00	11.43	—	24.00	10.80 ~ 29.00	1690	560 ~ 2280	7.5	2.5 ~ 10.1	98	
07+12+15	Wall	Duct	Duct	—	4.55	7.97	11.38	—	23.90	10.40 ~ 28.00	1930	710 ~ 2460	8.6	3.1 ~ 10.9	98	
07+12+18	Wall	Wall	Wall	—	4.17	7.30	12.52	—	24.00	10.90 ~ 30.00	1590	500 ~ 2360	7.1	2.2 ~ 10.5	98	
07+12+18	Wall	Wall	Duct	—	4.17	7.30	12.51	—	24.00	10.50 ~ 29.00	1810	640 ~ 2530	8.0	2.8 ~ 11.2	98	
07+12+18	Wall	Duct	Wall	—	4.17	7.30	12.53	—	24.00	10.80 ~ 29.00	1640	550 ~ 2280	7.3	2.4 ~ 10.1	98	
07+12+18	Wall	Duct	Duct	—	4.17	7.30	12.53	—	24.00	10.40 ~ 28.00	1920	700 ~ 2450	8.5	3.1 ~ 10.9	98	
07+15+15	Wall	Wall	Wall	—	4.01	10.00	10.00	—	24.00	11.20 ~ 30.00	1430	460 ~ 2130	6.3	2.0 ~ 9.4	98	
07+15+15	Wall	Wall	Duct	—	4.01	10.00	10.00	—	24.00	11.10 ~ 29.00	1680	630 ~ 2260	7.5	2.8 ~ 10.0	98	
07+15+15	Wall	Duct	Duct	—	4.01	10.00	10.00	—	24.00	10.80 ~ 28.00	1930	800 ~ 2390	8.6	3.5 ~ 10.6	98	
09+09+09	Wall	Wall	Wall	—	8.00	8.00	8.00	—	24.00	10.20 ~ 30.00	1780	520 ~ 2700	7.9	2.3 ~ 12.0	98	
09+09+09	Wall	Wall	Duct	—	7.93	7.93	7.93	—	23.80	10.10 ~ 29.00	1880	570 ~ 2610	8.3	2.5 ~ 11.6	98	
09+09+09	Wall	Duct	Duct	—	7.90	7.90	7.90	—	23.70	10.00 ~ 28.00	1930	630 ~ 2530	8.6	2.8 ~ 11.2	98	
09+09+09	Duct	Duct	Duct	—	7.83	7.83	7.83	—	23.50	9.90 ~ 27.00	1980	680 ~ 2450	8.8	3.0 ~ 10.9	98	
09+09+12	Wall	Wall	Wall	—	7.06	7.06	9.89	—	24.00	10.30 ~ 30.00	1780	520 ~ 2640	7.9	2.3 ~ 11.7	98	
09+09+12	Wall	Wall	Duct	—	7.03	7.03	9.83	—	23.90	10.10 ~ 29.00	1880	570 ~ 2610	8.3	2.5 ~ 11.6	98	
09+09+12	Wall	Duct	Wall	—	7.03	7.03	9.83	—	23.90	10.20 ~ 29.00	1830	570 ~ 2550	8.1	2.5 ~ 11.3	98	
09+09+12	Wall	Duct	Duct	—	7.00	7.00	9.80	—	23.80	10.00 ~ 28.00	1930	630 ~ 2530	8.6	2.8 ~ 11.2	98	
09+09+12	Duct	Duct	Wall	—	7.00	7.00	9.80	—	23.80	10.10 ~ 28.00	1930	620 ~ 2530	8.6	2.8 ~ 11.2	98	
09+09+12	Duct	Duct	Duct	—	6.97	6.97	9.76	—	23.70	9.90 ~ 27.00	2040	680 ~ 2450	9.1	3.0 ~ 10.9	98	
09+09+15	Wall	Wall	Wall	—	6.00	6.00	12.00	—	24.00	10.90 ~ 30.00	1580	500 ~ 2360	7.0	2.2 ~ 10.5	98	
09+09+15	Wall	Wall	Duct	—	5.98	5.98	11.94	—	23.90	10.50 ~ 29.00	1830	660 ~ 2540	8.1	2.9 ~ 11.3	98	
09+09+15	Wall	Duct	Wall	—	5.98	5.98	11.95	—	23.90	10.80 ~ 29.00	1640	550 ~ 2280	7.3	2.4 ~ 10.1	98	
09+09+15	Wall	Duct	Duct	—	5.98	5.98	11.94	—	23.90	10.50 ~ 28.00	1930	710 ~ 2460	8.6	3.1 ~ 10.9	98	
09+09+15	Duct	Duct	Wall	—	5.98	5.98	11.94	—	23.90	10.80 ~ 28.00	1740	610 ~ 2210	7.7	2.7 ~ 9.8	98	
09+09+15	Duct	Duct	Duct	—	5.95	5.95	11.90	—	23.80	10.40 ~ 27.00	1980	770 ~ 2390	8.8	3.4 ~ 10.6	98	
09+09+18	Wall	Wall	Wall	—	5.45	5.45	13.10	—	24.00	10.90 ~ 30.00	1590	500 ~ 2360	7.1	2.2 ~ 10.5	98	
09+09+18	Wall	Wall	Duct	—	5.45	5.45	13.09	—	24.00	10.50 ~ 29.00	1810	640 ~ 2530	8.0	2.8 ~ 11.2	98	
09+09+18	Wall	Duct	Wall	—	5.45	5.45	13.09	—	24.00	10.90 ~ 29.00	1640	550 ~ 2280	7.3	2.4 ~ 10.1	98	
09+09+18	Wall	Duct	Duct	—	5.45	5.45	13.08	—	24.00	10.50 ~ 28.00	1920	700 ~ 2450	8.5	3.1 ~ 10.9	98	
09+09+18	Duct	Duct	Wall	—	5.45	5.45	13.10	—	24.00	10.80 ~ 28.00	1740	610 ~ 2210	7.7	2.7 ~ 9.8	98	
09+09+18	Duct	Duct	Duct	—	5.45	5.45	13.10	—	24.00	10.40 ~ 27.00	1970	760 ~ 2380	8.7	3.4 ~ 10.6	98	
09+12+12	Wall	Wall	Wall	—	6.32	8.84	8.84	—	24.00	10.30 ~ 30.00	1780	510 ~ 2640	7.9	2.3 ~ 11.7	98	
09+12+12	Wall	Wall	Duct	—	6.28	8.81	8.81	—	23.90	10.20 ~ 29.00	1830	570 ~ 2550	8.1	2.5 ~ 11.3	98	
09+12+12	Wall	Duct	Duct	—	6.30	8.81	8.81	—	23.90	10.00 ~ 28.00	1930	630 ~ 2530	8.6	2.8 ~ 11.2	98	
09+12+12	Duct	Wall	Wall	—	6.28	8.81	8.81	—	23.90	10.20 ~ 29.00	1830	570 ~ 2560	8.1	2.5 ~ 11.4	98	
09+12+12	Duct	Wall	Duct	—	6.30	8.81	8.81	—	23.90	10.10 ~ 28.00	1930	620 ~ 2530	8.6	2.8 ~ 11.2	98	

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	—	A room	B room	C room	—	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
09+12+12	Duct	Duct	Duct	—	6.26	8.77	8.77	—	23.80	9.90 ~ 27.00	2040	680 ~ 2450	9.1	3.0 ~ 10.9	98	
09+12+15	Wall	Wall	Wall	—	5.45	7.64	10.91	—	24.00	10.90 ~ 30.00	1590	490 ~ 2300	7.1	2.2 ~ 10.2	98	
09+12+15	Wall	Wall	Duct	—	5.45	7.64	10.91	—	24.00	10.60 ~ 29.00	1830	660 ~ 2480	8.1	2.9 ~ 11.0	98	
09+12+15	Wall	Duct	Wall	—	5.45	7.64	10.91	—	24.00	10.80 ~ 29.00	1640	550 ~ 2280	7.3	2.4 ~ 10.1	98	
09+12+15	Wall	Duct	Duct	—	5.45	7.64	10.91	—	24.00	10.50 ~ 28.00	1930	710 ~ 2460	8.6	3.1 ~ 10.9	98	
09+12+15	Duct	Wall	Wall	—	5.45	7.64	10.91	—	24.00	10.90 ~ 29.00	1640	550 ~ 2280	7.3	2.4 ~ 10.1	98	
09+12+15	Duct	Wall	Duct	—	5.45	7.64	10.91	—	24.00	10.50 ~ 28.00	1930	710 ~ 2400	8.6	3.1 ~ 10.6	98	
09+12+15	Duct	Duct	Wall	—	5.45	7.64	10.92	—	24.00	10.80 ~ 28.00	1740	610 ~ 2210	7.7	2.7 ~ 9.8	98	
09+12+15	Duct	Duct	Duct	—	5.45	7.64	10.91	—	24.00	10.40 ~ 27.00	1980	770 ~ 2390	8.8	3.4 ~ 10.6	98	
09+12+18	Wall	Wall	Wall	—	5.00	7.00	12.00	—	24.00	10.90 ~ 30.00	1590	490 ~ 2300	7.1	2.2 ~ 10.2	98	
09+12+18	Wall	Wall	Duct	—	5.00	7.00	12.00	—	24.00	10.60 ~ 29.00	1820	640 ~ 2470	8.1	2.8 ~ 11.0	98	
09+12+18	Wall	Duct	Wall	—	5.00	7.00	12.00	—	24.00	10.90 ~ 29.00	1640	550 ~ 2280	7.3	2.4 ~ 10.1	98	
09+12+18	Wall	Duct	Duct	—	5.00	7.00	12.00	—	24.00	10.50 ~ 28.00	1920	700 ~ 2450	8.5	3.1 ~ 10.9	98	
09+12+18	Duct	Wall	Wall	—	5.00	7.00	12.00	—	24.00	10.90 ~ 29.00	1640	550 ~ 2280	7.3	2.4 ~ 10.1	98	
09+12+18	Duct	Wall	Duct	—	5.00	7.00	12.00	—	24.00	10.50 ~ 28.00	1920	700 ~ 2390	8.5	3.1 ~ 10.6	98	
09+12+18	Duct	Duct	Wall	—	5.00	7.00	12.00	—	24.00	10.80 ~ 28.00	1740	610 ~ 2210	7.7	2.7 ~ 9.8	98	
09+12+18	Duct	Duct	Duct	—	5.00	7.00	12.00	—	24.00	10.40 ~ 27.00	1970	760 ~ 2380	8.7	3.4 ~ 10.6	98	
09+15+15	Wall	Wall	Wall	—	4.80	9.60	9.60	—	24.00	11.20 ~ 30.00	1430	460 ~ 2130	6.3	2.0 ~ 9.4	98	
09+15+15	Wall	Wall	Duct	—	4.80	9.60	9.60	—	24.00	11.10 ~ 29.00	1630	630 ~ 2270	7.2	2.8 ~ 10.1	98	
09+15+15	Wall	Duct	Duct	—	4.80	9.60	9.60	—	24.00	10.80 ~ 28.00	1930	790 ~ 2390	8.6	3.5 ~ 10.6	98	
09+15+15	Duct	Wall	Wall	—	4.80	9.60	9.60	—	24.00	11.20 ~ 29.00	1480	520 ~ 2060	6.6	2.3 ~ 9.1	98	
09+15+15	Duct	Wall	Duct	—	4.80	9.60	9.60	—	24.00	11.00 ~ 28.00	1730	690 ~ 2190	7.7	3.1 ~ 9.7	98	
09+15+15	Duct	Duct	Duct	—	4.80	9.60	9.60	—	24.00	10.70 ~ 27.00	1980	850 ~ 2320	8.8	3.8 ~ 10.3	98	
12+12+12	Wall	Wall	Wall	—	8.00	8.00	8.00	—	24.00	10.40 ~ 30.00	1730	510 ~ 2580	7.7	2.3 ~ 11.4	98	
12+12+12	Wall	Wall	Duct	—	8.00	8.00	8.00	—	24.00	10.20 ~ 29.00	1830	570 ~ 2560	8.1	2.5 ~ 11.4	98	
12+12+12	Wall	Duct	Duct	—	8.00	8.00	8.00	—	24.00	10.10 ~ 28.00	1930	620 ~ 2530	8.6	2.8 ~ 11.2	98	
12+12+12	Duct	Duct	Duct	—	8.00	8.00	8.00	—	24.00	9.90 ~ 27.00	2040	680 ~ 2450	9.1	3.0 ~ 10.9	98	
12+12+15	Wall	Wall	Wall	—	7.00	7.00	10.01	—	24.00	11.00 ~ 30.00	1530	490 ~ 2300	6.8	2.2 ~ 10.2	98	
12+12+15	Wall	Wall	Duct	—	7.00	7.00	9.99	—	24.00	10.60 ~ 29.00	1830	650 ~ 2480	8.1	2.9 ~ 11.0	98	
12+12+15	Wall	Duct	Wall	—	7.00	7.00	10.00	—	24.00	10.90 ~ 29.00	1640	550 ~ 2280	7.3	2.4 ~ 10.1	98	
12+12+15	Wall	Duct	Duct	—	7.00	7.00	10.01	—	24.00	10.50 ~ 28.00	1930	710 ~ 2400	8.6	3.1 ~ 10.6	98	
12+12+15	Duct	Duct	Wall	—	7.00	7.00	9.99	—	24.00	10.80 ~ 28.00	1740	610 ~ 2210	7.7	2.7 ~ 9.8	98	
12+12+15	Duct	Duct	Duct	—	7.00	7.00	10.00	—	24.00	10.40 ~ 27.00	1980	770 ~ 2390	8.8	3.4 ~ 10.6	98	

- Notes:**
- Cooling capacity is based on 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB) (Indoor temperature), 95°FDB (35°CDB) / 75°FWB (24°CWB) (Outdoor temperature). Heating capacity is based on 70°FDB (21°CDB) / 60°FWB (15.6°CWB) (Indoor temperature), 47°FDB (8.3°CDB) / 43°FWB (6°CWB) (Outdoor temperature).
 - The total ability of connected indoor units is up to 39.0 kBtu/h.
 - It is impossible to connect the indoor unit for one room only.
 - The above is the value for connecting with the following indoor units.
 7.0 kBtu/h class; wall mount type L series
 9.0 kBtu/h class; wall mount type L series or Duct type L series
 12.0 kBtu/h class; wall mount type L series or Duct type L series
 15.0 kBtu/h class; wall mount type L series or Duct type L series
 18.0 kBtu/h class; wall mount type L series or Duct type L series

C: 3D093880
 C: 3D093881
 C: 3D093882
 C: 3D093883
 C: 3D093885

Heating [60 Hz, 230 V]

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	—	A room	B room	C room	—	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
07	Wall	—	—	—	8.80	—	—	—	8.80	8.70 ~ 9.70	510	460 ~ 560	2.3	2.0 ~ 2.5	98	
09	Wall	—	—	—	11.30	—	—	—	11.30	10.00 ~ 12.50	740	600 ~ 890	3.3	2.7 ~ 3.9	98	
09	Duct	—	—	—	10.70	—	—	—	10.70	10.40 ~ 12.50	760	700 ~ 980	3.4	3.1 ~ 4.3	98	
12	Wall	—	—	—	15.00	—	—	—	15.00	9.90 ~ 16.70	1110	580 ~ 1310	4.9	2.6 ~ 5.8	98	
12	Duct	—	—	—	14.30	—	—	—	14.30	10.40 ~ 16.70	1210	700 ~ 1570	5.4	3.1 ~ 7.0	98	
15	Wall	—	—	—	18.80	—	—	—	18.80	9.40 ~ 20.80	1320	510 ~ 1550	5.9	2.3 ~ 6.9	98	
15	Duct	—	—	—	16.60	—	—	—	16.60	10.10 ~ 20.80	1510	740 ~ 2120	6.7	3.3 ~ 9.4	98	
18	Wall	—	—	—	22.50	—	—	—	22.50	9.40 ~ 25.00	1710	500 ~ 2050	7.6	2.2 ~ 9.1	98	
18	Duct	—	—	—	18.80	—	—	—	18.80	10.10 ~ 25.00	1770	730 ~ 2760	7.9	3.2 ~ 12.2	98	
07+07	Wall	Wall	—	—	8.75	8.75	—	—	17.50	9.30 ~ 19.40	1170	490 ~ 1340	5.2	2.2 ~ 5.9	98	
07+09	Wall	Wall	—	—	8.89	11.11	—	—	20.00	9.20 ~ 22.20	1340	480 ~ 1560	5.9	2.1 ~ 6.9	98	
07+09	Wall	Duct	—	—	8.31	10.39	—	—	18.70	9.40 ~ 22.20	1380	560 ~ 1800	6.1	2.5 ~ 8.0	98	
07+12	Wall	Wall	—	—	8.25	14.45	—	—	22.70	9.10 ~ 26.60	1610	470 ~ 2010	7.1	2.1 ~ 8.9	98	
07+12	Wall	Duct	—	—	7.67	13.43	—	—	21.10	9.40 ~ 26.20	1660	560 ~ 2290	7.4	2.5 ~ 10.2	98	
07+15	Wall	Wall	—	—	6.69	16.71	—	—	23.40	8.70 ~ 31.30	1500	430 ~ 2360	6.7	1.9 ~ 10.5	98	
07+15	Wall	Duct	—	—	6.31	15.79	—	—	22.10	9.20 ~ 29.70	1710	620 ~ 2650	7.6	2.8 ~ 11.8	98	
07+18	Wall	Wall	—	—	6.00	18.00	—	—	24.00	8.70 ~ 36.00	1570	430 ~ 3040	7.0	1.9 ~ 13.5	98	
07+18	Wall	Duct	—	—	5.78	17.32	—	—	23.10	9.20 ~ 33.20	1830	610 ~ 3120	8.1	2.7 ~ 13.8	98	
09+09	Wall	Wall	—	—	11.25	11.25	—	—	22.50	9.10 ~ 25.00	1560	470 ~ 1830	6.9	2.1 ~ 8.1	98	
09+09	Wall	Duct	—	—	11.15	11.15	—	—	22.30	9.30 ~ 25.00	1740	550 ~ 2080	7.7	2.4 ~ 9.2	98	
09+09	Duct	Duct	—	—	11.05	11.05	—	—	22.10	9.60 ~ 25.00	1960	640 ~ 2330	8.7	2.8 ~ 10.3	98	
09+12	Wall	Wall	—	—	9.63	13.48	—	—	23.10	9.00 ~ 29.70	1610	460 ~ 2390	7.1	2.0 ~ 10.6	98	
09+12	Wall	Duct	—	—	9.04	12.66	—	—	21.70	9.30 ~ 28.50	1650	550 ~ 2530	7.3	2.4 ~ 11.2	98	
09+12	Duct	Wall	—	—	9.04	12.66	—	—	21.70	9.30 ~ 28.50	1610	540 ~ 2470	7.1	2.4 ~ 11.0	98	
09+12	Duct	Duct	—	—	8.46	11.83	—	—	20.30	9.60 ~ 27.30	1710	640 ~ 2710	7.6	2.8 ~ 12.0	98	
09+15	Wall	Wall	—	—	7.93	15.87	—	—	23.80	9.70 ~ 34.40	1520	490 ~ 2770	6.7	2.2 ~ 12.3	98	
09+15	Wall	Duct	—	—	7.57	15.13	—	—	22.70	9.10 ~ 32.10	1750	610 ~ 2950	7.8	2.7 ~ 13.1	98	
09+15	Duct	Wall	—	—	7.57	15.13	—	—	22.70	8.90 ~ 32.10	1550	500 ~ 2630	6.9	2.2 ~ 11.7	98	
09+15	Duct	Duct	—	—	7.20	14.40	—	—	21.60	9.40 ~ 29.70	1800	690 ~ 2900	8.0	3.1 ~ 12.9	98	
09+18	Wall	Wall	—	—	7.06	16.94	—	—	24.00	8.60 ~ 36.00	1550	430 ~ 3010	6.9	1.9 ~ 13.4	98	
09+18	Wall	Duct	—	—	6.91	16.59	—	—	23.50	9.10 ~ 34.00	1830	600 ~ 3150	8.1	2.7 ~ 14.0	98	
09+18	Duct	Wall	—	—	6.91	16.59	—	—	23.50	8.80 ~ 34.00	1620	490 ~ 2910	7.2	2.2 ~ 12.9	98	
09+18	Duct	Duct	—	—	6.76	16.24	—	—	23.00	9.40 ~ 32.00	1980	680 ~ 3100	8.8	3.0 ~ 13.8	98	
12+12	Wall	Wall	—	—	11.90	11.90	—	—	23.80	9.00 ~ 34.40	1620	450 ~ 3000	7.2	2.0 ~ 13.3	98	
12+12	Duct	Wall	—	—	11.35	11.35	—	—	22.70	9.30 ~ 32.10	1750	540 ~ 3050	7.8	2.4 ~ 13.5	98	
12+12	Duct	Duct	—	—	10.80	10.80	—	—	21.60	9.60 ~ 29.70	1860	640 ~ 3110	8.3	2.8 ~ 13.8	98	
12+15	Wall	Wall	—	—	9.88	14.12	—	—	24.00	8.60 ~ 36.00	1550	430 ~ 3000	6.9	1.9 ~ 13.3	98	
12+15	Wall	Duct	—	—	9.68	13.82	—	—	23.50	9.00 ~ 34.00	1800	610 ~ 3100	8.0	2.7 ~ 13.8	98	
12+15	Duct	Wall	—	—	9.68	13.82	—	—	23.50	8.90 ~ 34.00	1630	500 ~ 2930	7.2	2.2 ~ 13.0	98	
12+15	Duct	Duct	—	—	9.47	13.53	—	—	23.00	9.40 ~ 32.00	1990	690 ~ 3110	8.8	3.1 ~ 13.8	98	
12+18	Wall	Wall	—	—	8.84	15.16	—	—	24.00	8.60 ~ 36.00	1540	430 ~ 2990	6.8	1.9 ~ 13.3	98	
12+18	Wall	Duct	—	—	8.66	14.84	—	—	23.50	9.00 ~ 34.00	1790	600 ~ 3150	7.9	2.7 ~ 14.0	98	
12+18	Duct	Wall	—	—	8.66	14.84	—	—	23.50	8.80 ~ 34.00	1620	490 ~ 2910	7.2	2.2 ~ 12.9	98	
12+18	Duct	Duct	—	—	8.47	14.53	—	—	23.00	9.40 ~ 32.00	1980	680 ~ 3100	8.8	3.0 ~ 13.8	98	
15+15	Wall	Wall	—	—	12.00	12.00	—	—	24.00	8.40 ~ 36.00	1550	430 ~ 2980	6.9	1.9 ~ 13.2	98	
15+15	Duct	Wall	—	—	11.75	11.75	—	—	23.50	8.70 ~ 34.00	1670	580 ~ 2870	7.4	2.6 ~ 12.7	98	
15+15	Duct	Duct	—	—	11.50	11.50	—	—	23.00	9.10 ~ 32.00	1900	760 ~ 3100	8.4	3.4 ~ 13.8	98	
15+18	Wall	Wall	—	—	10.91	13.09	—	—	24.00	8.40 ~ 36.00	1550	430 ~ 2990	6.9	1.9 ~ 13.3	98	
15+18	Wall	Duct	—	—	10.68	12.82	—	—	23.50	8.70 ~ 34.00	1660	570 ~ 2860	7.4	2.5 ~ 12.7	98	
15+18	Duct	Wall	—	—	10.68	12.82	—	—	23.50	8.70 ~ 34.00	1660	570 ~ 2850	7.4	2.5 ~ 12.6	98	
15+18	Duct	Duct	—	—	10.45	12.55	—	—	23.00	9.10 ~ 32.00	1890	750 ~ 3090	8.4	3.3 ~ 13.7	98	
18+18	Wall	Wall	—	—	12.00	12.00	—	—	24.00	8.30 ~ 36.00	1560	430 ~ 3000	6.9	1.9 ~ 13.3	98	
18+18	Duct	Wall	—	—	11.75	11.75	—	—	23.50	8.70 ~ 34.00	1650	560 ~ 2840	7.3	2.5 ~ 12.6	98	
18+18	Duct	Duct	—	—	11.50	11.50	—	—	23.00	9.10 ~ 32.00	1880	740 ~ 3080	8.3	3.3 ~ 13.7	98	
07+07+07	Wall	Wall	Wall	—	7.70	7.70	7.70	—	23.10	8.60 ~ 29.70	1470	430 ~ 2140	6.5	1.9 ~ 9.5	98	
07+07+09	Wall	Wall	Wall	—	7.26	7.26	9.08	—	23.60	8.60 ~ 32.90	1500	430 ~ 2540	6.7	1.9 ~ 11.3	98	
07+07+09	Wall	Wall	Duct	—	7.02	7.02	8.77	—	22.80	8.70 ~ 31.60	1510	490 ~ 2470	6.7	2.2 ~ 11.0	98	
07+07+12	Wall	Wall	Wall	—	6.40	6.40	11.20	—	24.00	8.50 ~ 36.00	1530	430 ~ 2970	6.8	1.9 ~ 13.2	98	

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit										
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)
	A room	B room	C room	—	A room	B room	C room	—	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating
07+07+12	Wall	Wall	Duct	—	6.27	6.27	10.96	—	23.50	8.70 ~ 34.40	1590	490 ~ 2860	7.1	2.2 ~ 12.7	98
07+07+15	Wall	Wall	Wall	—	5.33	5.33	13.32	—	24.00	8.30 ~ 36.00	1620	430 ~ 3020	7.2	1.9 ~ 13.4	98
07+07+15	Wall	Wall	Duct	—	5.27	5.27	13.16	—	23.70	8.60 ~ 34.70	1650	570 ~ 2930	7.3	2.5 ~ 13.0	98
07+07+18	Wall	Wall	Wall	—	4.80	4.80	14.40	—	24.00	8.30 ~ 36.00	1630	430 ~ 3040	7.2	1.9 ~ 13.5	98
07+07+18	Wall	Wall	Duct	—	4.74	4.74	14.22	—	23.70	8.60 ~ 34.70	1640	560 ~ 2920	7.3	2.5 ~ 13.0	98
07+09+09	Wall	Wall	Wall	—	6.85	8.57	8.57	—	24.00	8.50 ~ 36.00	1460	430 ~ 2970	6.5	1.9 ~ 13.2	98
07+09+09	Wall	Wall	Duct	—	6.68	8.36	8.36	—	23.40	8.70 ~ 34.10	1530	480 ~ 2780	6.8	2.1 ~ 12.3	98
07+09+09	Wall	Duct	Duct	—	6.49	8.11	8.11	—	22.70	8.90 ~ 32.30	1690	550 ~ 2740	7.5	2.4 ~ 12.2	98
07+09+12	Wall	Wall	Wall	—	6.00	7.50	10.50	—	24.00	8.50 ~ 36.00	1530	420 ~ 2960	6.8	1.9 ~ 13.1	98
07+09+12	Wall	Wall	Duct	—	5.93	7.41	10.37	—	23.70	8.70 ~ 34.70	1570	480 ~ 2880	7.0	2.1 ~ 12.8	98
07+09+12	Wall	Duct	Wall	—	5.93	7.41	10.37	—	23.70	8.60 ~ 34.70	1560	480 ~ 2850	6.9	2.1 ~ 12.6	98
07+09+12	Wall	Duct	Duct	—	5.83	7.28	10.19	—	23.30	8.90 ~ 33.30	1650	550 ~ 2890	7.3	2.4 ~ 12.8	98
07+09+15	Wall	Wall	Wall	—	5.05	6.32	12.63	—	24.00	8.30 ~ 36.00	1640	440 ~ 3050	7.3	2.0 ~ 13.5	98
07+09+15	Wall	Wall	Duct	—	4.99	6.24	12.47	—	23.70	8.50 ~ 34.70	1640	570 ~ 2910	7.3	2.5 ~ 12.9	98
07+09+15	Wall	Duct	Wall	—	4.99	6.24	12.47	—	23.70	8.40 ~ 34.70	1600	480 ~ 2830	7.1	2.1 ~ 12.6	98
07+09+15	Wall	Duct	Duct	—	4.91	6.13	12.26	—	23.30	8.70 ~ 33.30	1680	630 ~ 2830	7.5	2.8 ~ 12.6	98
07+09+18	Wall	Wall	Wall	—	4.57	5.71	13.71	—	24.00	8.30 ~ 36.00	1650	440 ~ 3070	7.3	2.0 ~ 13.6	98
07+09+18	Wall	Wall	Duct	—	4.51	5.64	13.54	—	23.70	8.50 ~ 34.70	1630	560 ~ 2900	7.2	2.5 ~ 12.9	98
07+09+18	Wall	Duct	Wall	—	4.51	5.64	13.54	—	23.70	8.40 ~ 34.70	1600	480 ~ 2840	7.1	2.1 ~ 12.6	98
07+09+18	Wall	Duct	Duct	—	4.44	5.55	13.30	—	23.30	8.70 ~ 33.30	1670	620 ~ 2820	7.4	2.8 ~ 12.5	98
07+12+12	Wall	Wall	Wall	—	5.34	9.33	9.33	—	24.00	8.40 ~ 36.00	1540	420 ~ 2960	6.8	1.9 ~ 13.1	98
07+12+12	Wall	Wall	Duct	—	5.27	9.22	9.22	—	23.70	8.60 ~ 34.70	1560	480 ~ 2850	6.9	2.1 ~ 12.6	98
07+12+12	Wall	Duct	Duct	—	5.17	9.06	9.06	—	23.30	8.90 ~ 33.30	1650	550 ~ 2890	7.3	2.4 ~ 12.8	98
07+12+15	Wall	Wall	Wall	—	4.57	8.00	11.42	—	24.00	8.30 ~ 36.00	1660	440 ~ 3090	7.4	2.0 ~ 13.7	98
07+12+15	Wall	Wall	Duct	—	4.51	7.90	11.29	—	23.70	8.50 ~ 34.70	1640	570 ~ 2910	7.3	2.5 ~ 12.9	98
07+12+15	Wall	Duct	Wall	—	4.51	7.90	11.29	—	23.70	8.40 ~ 34.70	1600	480 ~ 2830	7.1	2.1 ~ 12.6	98
07+12+15	Wall	Duct	Duct	—	4.44	7.77	11.10	—	23.30	8.70 ~ 33.30	1680	630 ~ 2830	7.5	2.8 ~ 12.6	98
07+12+18	Wall	Wall	Wall	—	4.17	7.30	12.52	—	24.00	8.30 ~ 36.00	1680	440 ~ 3110	7.5	2.0 ~ 13.8	98
07+12+18	Wall	Wall	Duct	—	4.12	7.21	12.37	—	23.70	8.50 ~ 34.70	1630	560 ~ 2900	7.2	2.5 ~ 12.9	98
07+12+18	Wall	Duct	Wall	—	4.12	7.21	12.37	—	23.70	8.40 ~ 34.70	1600	480 ~ 2840	7.1	2.1 ~ 12.6	98
07+12+18	Wall	Duct	Duct	—	4.05	7.09	12.15	—	23.30	8.70 ~ 33.30	1670	620 ~ 2820	7.4	2.8 ~ 12.5	98
07+15+15	Wall	Wall	Wall	—	3.99	10.00	10.00	—	24.00	8.20 ~ 36.00	1920	480 ~ 3150	8.5	2.1 ~ 14.0	98
07+15+15	Wall	Wall	Duct	—	3.95	9.88	9.88	—	23.70	8.30 ~ 34.70	1730	570 ~ 2980	7.7	2.5 ~ 13.2	98
07+15+15	Wall	Duct	Duct	—	3.88	9.71	9.71	—	23.30	8.50 ~ 33.30	1730	690 ~ 2850	7.7	3.1 ~ 12.6	98
09+09+09	Wall	Wall	Wall	—	8.00	8.00	8.00	—	24.00	8.50 ~ 36.00	1530	420 ~ 2960	6.8	1.9 ~ 13.1	98
09+09+09	Wall	Wall	Duct	—	7.90	7.90	7.90	—	23.70	8.60 ~ 34.70	1560	480 ~ 2850	6.9	2.1 ~ 12.6	98
09+09+09	Wall	Duct	Duct	—	7.77	7.77	7.77	—	23.30	8.80 ~ 33.30	1620	540 ~ 2800	7.2	2.4 ~ 12.4	98
09+09+09	Duct	Duct	Duct	—	7.67	7.67	7.67	—	23.00	9.00 ~ 32.00	1720	610 ~ 2840	7.6	2.7 ~ 12.6	98
09+09+12	Wall	Wall	Wall	—	7.06	7.06	9.88	—	24.00	8.40 ~ 36.00	1540	420 ~ 2960	6.8	1.9 ~ 13.1	98
09+09+12	Wall	Wall	Duct	—	6.97	6.97	9.76	—	23.70	8.60 ~ 34.70	1560	480 ~ 2850	6.9	2.1 ~ 12.6	98
09+09+12	Wall	Duct	Wall	—	6.97	6.97	9.76	—	23.70	8.60 ~ 34.70	1550	480 ~ 2830	6.9	2.1 ~ 12.6	98
09+09+12	Wall	Duct	Duct	—	6.85	6.85	9.60	—	23.30	8.80 ~ 33.30	1620	540 ~ 2800	7.2	2.4 ~ 12.4	98
09+09+12	Duct	Duct	Wall	—	6.85	6.85	9.60	—	23.30	8.80 ~ 33.30	1600	540 ~ 2760	7.1	2.4 ~ 12.2	98
09+09+12	Duct	Duct	Duct	—	6.76	6.76	9.46	—	23.00	9.00 ~ 32.00	1720	610 ~ 2840	7.6	2.7 ~ 12.6	98
09+09+15	Wall	Wall	Wall	—	6.00	6.00	11.99	—	24.00	8.30 ~ 36.00	1670	440 ~ 3090	7.4	2.0 ~ 13.7	98
09+09+15	Wall	Wall	Duct	—	5.93	5.93	11.85	—	23.70	8.50 ~ 34.70	1640	570 ~ 2910	7.3	2.5 ~ 12.9	98
09+09+15	Wall	Duct	Wall	—	5.93	5.93	11.85	—	23.70	8.40 ~ 34.70	1610	480 ~ 2850	7.1	2.1 ~ 12.6	98
09+09+15	Wall	Duct	Duct	—	5.83	5.83	11.64	—	23.30	8.60 ~ 33.30	1670	620 ~ 2800	7.4	2.8 ~ 12.4	98
09+09+15	Duct	Duct	Wall	—	5.83	5.83	11.64	—	23.30	8.50 ~ 33.30	1560	530 ~ 2670	6.9	2.4 ~ 11.8	98
09+09+15	Duct	Duct	Duct	—	5.75	5.75	11.50	—	23.00	8.80 ~ 32.00	1730	690 ~ 2800	7.7	3.1 ~ 12.4	98
09+09+18	Wall	Wall	Wall	—	5.45	5.45	13.08	—	24.00	8.30 ~ 36.00	1680	440 ~ 3110	7.5	2.0 ~ 13.8	98
09+09+18	Wall	Wall	Duct	—	5.39	5.39	12.93	—	23.70	8.50 ~ 34.70	1630	560 ~ 2900	7.2	2.5 ~ 12.9	98
09+09+18	Wall	Duct	Wall	—	5.39	5.39	12.93	—	23.70	8.30 ~ 34.70	1620	480 ~ 2860	7.2	2.1 ~ 12.7	98
09+09+18	Wall	Duct	Duct	—	5.30	5.30	12.70	—	23.30	8.60 ~ 33.30	1660	610 ~ 2790	7.4	2.7 ~ 12.4	98
09+09+18	Duct	Duct	Wall	—	5.30	5.30	12.70	—	23.30	8.50 ~ 33.30	1560	530 ~ 2680	6.9	2.4 ~ 11.9	98
09+09+18	Duct	Duct	Duct	—	5.23	5.23	12.55	—	23.00	8.80 ~ 32.00	1720	680 ~ 2790	7.6	3.0 ~ 12.4	98
09+12+12	Wall	Wall	Wall	—	6.31	8.84	8.84	—	24.00	8.40 ~ 36.00	1540	430 ~ 2970	6.8	1.9 ~ 13.2	98
09+12+12	Wall	Wall	Duct	—	6.24	8.73	8.73	—	23.70	8.60 ~ 34.70	1550	480 ~ 2830	6.9	2.1 ~ 12.6	98
09+12+12	Wall	Duct	Duct	—	6.12	8.58	8.58	—	23.30	8.80 ~ 33.30	1620	540 ~ 2800	7.2	2.4 ~ 12.4	98
09+12+12	Duct	Wall	Wall	—	6.24	8.73	8.73	—	23.70	8.50 ~ 34.70	1550	480 ~ 2820	6.9	2.1 ~ 12.5	98
09+12+12	Duct	Wall	Duct	—	6.12	8.58	8.58	—	23.30	8.80 ~ 33.30	1600	540 ~ 2760	7.1	2.4 ~ 12.2	98

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	—	A room	B room	C room	—	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
09+12+12	Duct	Duct	Duct	—	6.06	8.47	8.47	—	23.00	9.00 ~ 32.00	1720	610 ~ 2840	7.6	2.7 ~ 12.6	98	
09+12+15	Wall	Wall	Wall	—	5.45	7.64	10.91	—	24.00	8.20 ~ 36.00	1690	440 ~ 3140	7.5	2.0 ~ 13.9	98	
09+12+15	Wall	Wall	Duct	—	5.39	7.54	10.77	—	23.70	8.40 ~ 34.70	1640	570 ~ 2910	7.3	2.5 ~ 12.9	98	
09+12+15	Wall	Duct	Wall	—	5.39	7.54	10.77	—	23.70	8.40 ~ 34.70	1610	480 ~ 2850	7.1	2.1 ~ 12.6	98	
09+12+15	Wall	Duct	Duct	—	5.30	7.41	10.59	—	23.30	8.60 ~ 33.30	1670	620 ~ 2800	7.4	2.8 ~ 12.4	98	
09+12+15	Duct	Wall	Wall	—	5.39	7.54	10.77	—	23.70	8.30 ~ 34.70	1630	480 ~ 2870	7.2	2.1 ~ 12.7	98	
09+12+15	Duct	Wall	Duct	—	5.30	7.41	10.59	—	23.30	8.60 ~ 33.30	1660	620 ~ 2780	7.4	2.8 ~ 12.3	98	
09+12+15	Duct	Duct	Wall	—	5.30	7.41	10.59	—	23.30	8.50 ~ 33.30	1560	530 ~ 2670	6.9	2.4 ~ 11.8	98	
09+12+15	Duct	Duct	Duct	—	5.23	7.32	10.45	—	23.00	8.80 ~ 32.00	1730	690 ~ 2800	7.7	3.1 ~ 12.4	98	
09+12+18	Wall	Wall	Wall	—	5.00	7.00	12.00	—	24.00	8.20 ~ 36.00	1710	450 ~ 3110	7.6	2.0 ~ 13.8	98	
09+12+18	Wall	Wall	Duct	—	4.94	6.91	11.85	—	23.70	8.40 ~ 34.70	1630	560 ~ 2900	7.2	2.5 ~ 12.9	98	
09+12+18	Wall	Duct	Wall	—	4.94	6.91	11.85	—	23.70	8.30 ~ 34.70	1620	480 ~ 2860	7.2	2.1 ~ 12.7	98	
09+12+18	Wall	Duct	Duct	—	4.85	6.80	11.65	—	23.30	8.60 ~ 33.30	1660	610 ~ 2790	7.4	2.7 ~ 12.4	98	
09+12+18	Duct	Wall	Wall	—	4.94	6.91	11.85	—	23.70	8.30 ~ 34.70	1630	480 ~ 2880	7.2	2.1 ~ 12.8	98	
09+12+18	Duct	Wall	Duct	—	4.85	6.80	11.65	—	23.30	8.60 ~ 33.30	1650	610 ~ 2770	7.3	2.7 ~ 12.3	98	
09+12+18	Duct	Duct	Wall	—	4.85	6.80	11.65	—	23.30	8.50 ~ 33.30	1560	530 ~ 2680	6.9	2.4 ~ 11.9	98	
09+12+18	Duct	Duct	Duct	—	4.79	6.71	11.50	—	23.00	8.80 ~ 32.00	1720	680 ~ 2790	7.6	3.0 ~ 12.4	98	
09+15+15	Wall	Wall	Wall	—	4.80	9.60	9.60	—	24.00	8.20 ~ 36.00	2020	490 ~ 3130	9.0	2.2 ~ 13.9	98	
09+15+15	Wall	Wall	Duct	—	4.74	9.48	9.48	—	23.70	8.30 ~ 34.70	1760	580 ~ 3080	7.8	2.6 ~ 13.7	98	
09+15+15	Wall	Duct	Duct	—	4.66	9.32	9.32	—	23.30	8.50 ~ 33.30	1740	710 ~ 2860	7.7	3.1 ~ 12.7	98	
09+15+15	Duct	Wall	Wall	—	4.74	9.48	9.48	—	23.70	8.20 ~ 34.70	1830	510 ~ 3110	8.1	2.3 ~ 13.8	98	
09+15+15	Duct	Wall	Duct	—	4.66	9.32	9.32	—	23.30	8.40 ~ 33.30	1710	620 ~ 2800	7.6	2.8 ~ 12.4	98	
09+15+15	Duct	Duct	Duct	—	4.60	9.20	9.20	—	23.00	8.60 ~ 32.00	1770	770 ~ 2760	7.9	3.4 ~ 12.2	98	
12+12+12	Wall	Wall	Wall	—	8.00	8.00	8.00	—	24.00	8.40 ~ 36.00	1550	430 ~ 2990	6.9	1.9 ~ 13.3	98	
12+12+12	Wall	Wall	Duct	—	7.90	7.90	7.90	—	23.70	8.50 ~ 34.70	1550	480 ~ 2820	6.9	2.1 ~ 12.5	98	
12+12+12	Wall	Duct	Duct	—	7.77	7.77	7.77	—	23.30	8.80 ~ 33.30	1600	540 ~ 2760	7.1	2.4 ~ 12.2	98	
12+12+12	Duct	Duct	Duct	—	7.67	7.67	7.67	—	23.00	9.00 ~ 32.00	1720	610 ~ 2840	7.6	2.7 ~ 12.6	98	
12+12+15	Wall	Wall	Wall	—	7.00	7.00	10.00	—	24.00	8.20 ~ 36.00	1730	450 ~ 3140	7.7	2.0 ~ 13.9	98	
12+12+15	Wall	Wall	Duct	—	6.91	6.91	9.89	—	23.70	8.40 ~ 34.70	1690	570 ~ 2920	7.5	2.5 ~ 13.0	98	
12+12+15	Wall	Duct	Wall	—	6.91	6.91	9.89	—	23.70	8.30 ~ 34.70	1630	480 ~ 2870	7.2	2.1 ~ 12.7	98	
12+12+15	Wall	Duct	Duct	—	6.80	6.80	9.70	—	23.30	8.60 ~ 33.30	1660	620 ~ 2780	7.4	2.8 ~ 12.3	98	
12+12+15	Duct	Duct	Wall	—	6.80	6.80	9.70	—	23.30	8.50 ~ 33.30	1560	530 ~ 2670	6.9	2.4 ~ 11.8	98	
12+12+15	Duct	Duct	Duct	—	6.71	6.71	9.58	—	23.00	8.80 ~ 32.00	1730	690 ~ 2800	7.7	3.1 ~ 12.4	98	

- Notes:**
- Cooling capacity is based on 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB) (Indoor temperature), 95°FDB (35°CDB) / 75°FWB (24°CWB) (Outdoor temperature).
Heating capacity is based on 70°FDB (21°CDB) / 60°FWB (15.6°CWB) (Indoor temperature), 47°FDB (8.3°CDB) / 43°FWB (6°CWB) (Outdoor temperature).
 - The total ability of connected indoor units is up to 39.0 kBtu/h.
 - It is impossible to connect the indoor unit for one room only.
 - The above is the value for connecting with the following indoor units.
7.0 kBtu/h class; wall mount type L series
9.0 kBtu/h class; wall mount type L series or Duct type L series
12.0 kBtu/h class; wall mount type L series or Duct type L series
15.0 kBtu/h class; wall mount type L series or Duct type L series
18.0 kBtu/h class; wall mount type L series or Duct type L series

C: 3D093891
C: 3D093892
C: 3D093893
C: 3D093894
C: 3D093895

3.5 Combination Capacity: 4MXS36NMVJU

1

Cooling [60 Hz, 208 V]

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit										
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating
07	Wall	—	—	—	7.60	—	—	—	7.60	6.80 ~ 8.40	610	520 ~ 670	3.0	2.6 ~ 3.3	98
09	Wall	—	—	—	9.80	—	—	—	9.80	6.90 ~ 10.80	780	520 ~ 880	3.8	2.6 ~ 4.3	98
09	Duct	—	—	—	9.40	—	—	—	9.40	6.70 ~ 9.40	830	570 ~ 830	4.1	2.8 ~ 4.1	98
12	Wall	—	—	—	13.00	—	—	—	13.00	7.00 ~ 14.40	1120	530 ~ 1280	5.5	2.6 ~ 6.3	98
12	Duct	—	—	—	12.50	—	—	—	12.50	6.70 ~ 12.50	1160	570 ~ 1160	5.7	2.8 ~ 5.7	98
15	Wall	—	—	—	16.30	—	—	—	16.30	8.20 ~ 18.00	1290	570 ~ 1460	6.3	2.8 ~ 7.2	98
15	Duct	—	—	—	15.60	—	—	—	15.60	7.50 ~ 15.60	1490	690 ~ 1490	7.3	3.4 ~ 7.3	98
18	Wall	—	—	—	19.50	—	—	—	19.50	8.20 ~ 21.60	1650	570 ~ 1900	8.1	2.8 ~ 9.3	98
18	Duct	—	—	—	18.80	—	—	—	18.80	7.50 ~ 18.80	1900	680 ~ 1900	9.3	3.3 ~ 9.3	98
24	Wall	—	—	—	26.00	—	—	—	26.00	8.60 ~ 28.80	2430	580 ~ 2860	11.9	2.8 ~ 14.0	98
24	Duct	—	—	—	25.00	—	—	—	25.00	7.80 ~ 25.00	2780	680 ~ 2780	13.6	3.3 ~ 13.6	98
07+07	Wall	Wall	—	—	7.60	7.60	—	—	15.20	8.20 ~ 16.80	1200	570 ~ 1330	5.9	2.8 ~ 6.5	98
07+09	Wall	Wall	—	—	7.69	9.61	—	—	17.30	8.30 ~ 19.20	1380	570 ~ 1610	6.8	2.8 ~ 7.9	98
07+09	Wall	Duct	—	—	7.56	9.44	—	—	17.00	8.10 ~ 18.00	1430	620 ~ 1560	7.0	3.0 ~ 7.7	98
07+12	Wall	Wall	—	—	7.49	13.11	—	—	20.60	8.30 ~ 22.80	1760	570 ~ 2070	8.6	2.8 ~ 10.2	98
07+12	Wall	Duct	—	—	7.35	12.85	—	—	20.20	8.10 ~ 21.30	1900	620 ~ 1950	9.3	3.0 ~ 9.6	98
07+15	Wall	Wall	—	—	6.80	17.00	—	—	23.80	9.30 ~ 26.40	1910	580 ~ 2240	9.4	2.8 ~ 11.0	98
07+15	Wall	Duct	—	—	6.69	16.71	—	—	23.40	8.70 ~ 24.70	2180	720 ~ 2350	10.7	3.5 ~ 11.5	98
07+18	Wall	Wall	—	—	6.70	20.10	—	—	26.80	9.30 ~ 30.00	2300	580 ~ 2780	11.3	2.8 ~ 13.6	98
07+18	Wall	Duct	—	—	6.55	19.65	—	—	26.20	8.70 ~ 27.90	2570	710 ~ 2810	12.6	3.5 ~ 13.8	98
07+24	Wall	Wall	—	—	6.99	24.81	—	—	31.80	9.60 ~ 34.40	2940	580 ~ 3420	14.4	2.8 ~ 16.8	98
07+24	Wall	Duct	—	—	6.64	23.56	—	—	30.20	8.90 ~ 32.10	3130	700 ~ 3400	15.4	3.4 ~ 16.7	98
09+09	Wall	Wall	—	—	9.75	9.75	—	—	19.50	8.30 ~ 21.60	1610	570 ~ 1910	7.9	2.8 ~ 9.4	98
09+09	Wall	Duct	—	—	9.60	9.60	—	—	19.20	8.20 ~ 20.20	1660	620 ~ 1800	8.1	3.0 ~ 8.8	98
09+09	Duct	Duct	—	—	9.40	9.40	—	—	18.80	8.10 ~ 18.80	1710	670 ~ 1710	8.4	3.3 ~ 8.4	98
09+12	Wall	Wall	—	—	9.50	13.30	—	—	22.80	8.40 ~ 25.20	2020	570 ~ 2410	9.9	2.8 ~ 11.8	98
09+12	Wall	Duct	—	—	9.34	13.06	—	—	22.40	8.20 ~ 23.60	2120	620 ~ 2280	10.4	3.0 ~ 11.2	98
09+12	Duct	Wall	—	—	9.34	13.06	—	—	22.40	8.30 ~ 23.60	2070	620 ~ 2230	10.2	3.0 ~ 10.9	98
09+12	Duct	Duct	—	—	9.12	12.78	—	—	21.90	8.10 ~ 21.90	2110	670 ~ 2110	10.4	3.3 ~ 10.4	98
09+15	Wall	Wall	—	—	8.67	17.33	—	—	26.00	9.30 ~ 28.80	2180	580 ~ 2600	10.7	2.8 ~ 12.8	98
09+15	Wall	Duct	—	—	8.50	17.00	—	—	25.50	8.80 ~ 26.90	2470	720 ~ 2640	12.1	3.5 ~ 13.0	98
09+15	Duct	Wall	—	—	8.50	17.00	—	—	25.50	9.20 ~ 26.90	2180	630 ~ 2400	10.7	3.1 ~ 11.8	98
09+15	Duct	Duct	—	—	8.33	16.67	—	—	25.00	8.70 ~ 25.00	2460	780 ~ 2460	12.1	3.8 ~ 12.1	98
09+18	Wall	Wall	—	—	8.38	20.12	—	—	28.50	9.30 ~ 31.50	2540	580 ~ 2980	12.5	2.8 ~ 14.6	98
09+18	Wall	Duct	—	—	8.09	19.41	—	—	27.50	8.80 ~ 29.30	2750	710 ~ 3070	13.5	3.5 ~ 15.1	98
09+18	Duct	Wall	—	—	8.09	19.41	—	—	27.50	9.20 ~ 29.30	2470	630 ~ 2710	12.1	3.1 ~ 13.3	98
09+18	Duct	Duct	—	—	7.79	18.71	—	—	26.50	8.70 ~ 27.00	2680	760 ~ 2740	13.1	3.7 ~ 13.4	98
09+24	Wall	Wall	—	—	8.72	24.78	—	—	33.50	9.60 ~ 35.80	3220	580 ~ 3430	15.8	2.8 ~ 16.8	98
09+24	Wall	Duct	—	—	8.20	23.30	—	—	31.50	9.00 ~ 33.40	3270	700 ~ 3410	16.0	3.4 ~ 16.7	98
09+24	Duct	Wall	—	—	8.20	23.30	—	—	31.50	9.50 ~ 33.40	2990	630 ~ 3330	14.7	3.1 ~ 16.3	98
09+24	Duct	Duct	—	—	7.68	21.82	—	—	29.50	8.90 ~ 31.00	3050	760 ~ 3320	15.0	3.7 ~ 16.3	98
12+12	Wall	Wall	—	—	13.00	13.00	—	—	26.00	8.50 ~ 28.80	2470	570 ~ 2970	12.1	2.8 ~ 14.6	98
12+12	Duct	Wall	—	—	12.75	12.75	—	—	25.50	8.30 ~ 26.90	2520	620 ~ 2760	12.4	3.0 ~ 13.5	98
12+12	Duct	Duct	—	—	12.50	12.50	—	—	25.00	8.10 ~ 25.00	2610	670 ~ 2610	12.8	3.3 ~ 12.8	98
12+15	Wall	Wall	—	—	11.74	16.76	—	—	28.50	9.40 ~ 31.50	2480	580 ~ 2990	12.2	2.8 ~ 14.7	98
12+15	Wall	Duct	—	—	11.32	16.18	—	—	27.50	8.80 ~ 29.30	2710	720 ~ 3020	13.3	3.5 ~ 14.8	98
12+15	Duct	Wall	—	—	11.32	16.18	—	—	27.50	9.20 ~ 29.30	2460	630 ~ 2770	12.1	3.1 ~ 13.6	98
12+15	Duct	Duct	—	—	10.91	15.59	—	—	26.50	8.70 ~ 27.00	2690	780 ~ 2750	13.2	3.8 ~ 13.5	98
12+18	Wall	Wall	—	—	11.42	19.58	—	—	31.00	9.40 ~ 33.60	2920	580 ~ 3330	14.3	2.8 ~ 16.3	98
12+18	Wall	Duct	—	—	10.87	18.63	—	—	29.50	8.80 ~ 31.30	3070	710 ~ 3340	15.1	3.5 ~ 16.4	98
12+18	Duct	Wall	—	—	10.87	18.63	—	—	29.50	9.20 ~ 31.30	2770	630 ~ 3100	13.6	3.1 ~ 15.2	98
12+18	Duct	Duct	—	—	10.32	17.68	—	—	28.00	8.70 ~ 29.00	2920	760 ~ 3110	14.3	3.7 ~ 15.3	98
12+24	Wall	Wall	—	—	11.89	24.11	—	—	36.00	9.70 ~ 38.00	3720	580 ~ 3800	18.2	2.8 ~ 18.6	98
12+24	Wall	Duct	—	—	11.06	22.44	—	—	33.50	9.10 ~ 35.50	3700	700 ~ 3840	18.2	3.4 ~ 18.8	98
12+24	Duct	Wall	—	—	11.06	22.44	—	—	33.50	9.50 ~ 35.50	3330	630 ~ 3400	16.3	3.1 ~ 16.7	98
12+24	Duct	Duct	—	—	10.24	20.76	—	—	31.00	8.90 ~ 33.00	3320	760 ~ 3450	16.3	3.7 ~ 16.9	98
15+15	Wall	Wall	—	—	15.50	15.50	—	—	31.00	10.00 ~ 33.60	2600	560 ~ 3050	12.8	2.7 ~ 15.0	98

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
15+15	Duct	Wall	—	—	14.75	14.75	—	—	29.50	9.60 ~ 31.30	2710	720 ~ 2960	13.3	3.5 ~ 14.5	98	
15+15	Duct	Duct	—	—	14.00	14.00	—	—	28.00	9.20 ~ 29.00	2820	870 ~ 2940	13.8	4.3 ~ 14.4	98	
15+18	Wall	Wall	—	—	15.23	18.27	—	—	33.50	10.00 ~ 35.80	2990	560 ~ 3410	14.7	2.7 ~ 16.7	98	
15+18	Wall	Duct	—	—	14.32	17.18	—	—	31.50	9.60 ~ 33.40	3020	710 ~ 3350	14.8	3.5 ~ 16.4	98	
15+18	Duct	Wall	—	—	14.32	17.18	—	—	31.50	9.60 ~ 33.40	3030	720 ~ 3300	14.9	3.5 ~ 16.2	98	
15+18	Duct	Duct	—	—	13.41	16.09	—	—	29.50	9.20 ~ 31.00	3050	860 ~ 3310	15.0	4.2 ~ 16.2	98	
15+24	Wall	Wall	—	—	14.88	21.12	—	—	36.00	10.20 ~ 38.00	3430	550 ~ 3430	16.8	2.7 ~ 16.8	98	
15+24	Wall	Duct	—	—	13.93	19.77	—	—	33.70	9.80 ~ 35.70	3290	690 ~ 3430	16.1	3.4 ~ 16.8	98	
15+24	Duct	Wall	—	—	13.93	19.77	—	—	33.70	9.90 ~ 35.70	3260	710 ~ 3390	16.0	3.5 ~ 16.6	98	
15+24	Duct	Duct	—	—	12.93	18.37	—	—	31.30	9.40 ~ 33.30	3250	850 ~ 3390	15.9	4.2 ~ 16.6	98	
18+18	Wall	Wall	—	—	18.00	18.00	—	—	36.00	10.00 ~ 38.00	3480	560 ~ 3550	17.1	2.7 ~ 17.4	98	
18+18	Duct	Wall	—	—	16.75	16.75	—	—	33.50	9.60 ~ 35.50	3350	710 ~ 3420	16.4	3.5 ~ 16.8	98	
18+18	Duct	Duct	—	—	15.50	15.50	—	—	31.00	9.20 ~ 33.00	3300	850 ~ 3440	16.2	4.2 ~ 16.9	98	
18+24	Wall	Wall	—	—	16.49	19.51	—	—	36.00	10.20 ~ 38.00	3430	540 ~ 3430	16.8	2.6 ~ 16.8	98	
18+24	Wall	Duct	—	—	15.53	18.37	—	—	33.90	9.80 ~ 35.80	3290	690 ~ 3430	16.1	3.4 ~ 16.8	98	
18+24	Duct	Wall	—	—	15.53	18.37	—	—	33.90	9.90 ~ 35.80	3310	700 ~ 3450	16.2	3.4 ~ 16.9	98	
18+24	Duct	Duct	—	—	14.52	17.18	—	—	31.70	9.40 ~ 33.50	3310	840 ~ 3440	16.2	4.1 ~ 16.9	98	
24+24	Wall	Wall	—	—	18.00	18.00	—	—	36.00	10.30 ~ 38.00	3310	520 ~ 3450	16.2	2.6 ~ 16.9	98	
24+24	Duct	Wall	—	—	17.10	17.10	—	—	34.20	10.00 ~ 36.00	3250	680 ~ 3390	15.9	3.3 ~ 16.6	98	
24+24	Duct	Duct	—	—	16.15	16.15	—	—	32.30	9.50 ~ 34.00	3320	820 ~ 3450	16.3	4.0 ~ 16.9	98	
07+07+07	Wall	Wall	Wall	—	7.60	7.60	7.60	—	22.80	9.20 ~ 25.20	1800	580 ~ 2070	8.8	2.8 ~ 10.2	98	
07+07+09	Wall	Wall	Wall	—	7.66	7.66	9.58	—	24.90	9.30 ~ 27.60	2020	580 ~ 2420	9.9	2.8 ~ 11.9	98	
07+07+09	Wall	Wall	Duct	—	7.57	7.57	9.46	—	24.60	9.20 ~ 26.40	2070	630 ~ 2290	10.2	3.1 ~ 11.2	98	
07+07+12	Wall	Wall	Wall	—	7.39	7.39	12.92	—	27.70	9.40 ~ 30.70	2360	580 ~ 2860	11.6	2.8 ~ 14.0	98	
07+07+12	Wall	Wall	Duct	—	7.23	7.23	12.64	—	27.10	9.20 ~ 29.20	2400	630 ~ 2710	11.8	3.1 ~ 13.3	98	
07+07+15	Wall	Wall	Wall	—	6.71	6.71	16.78	—	30.20	10.00 ~ 32.90	2470	560 ~ 2920	12.1	2.7 ~ 14.3	98	
07+07+15	Wall	Wall	Duct	—	6.51	6.51	16.28	—	29.30	9.60 ~ 31.40	2650	720 ~ 2960	13.0	3.5 ~ 14.5	98	
07+07+18	Wall	Wall	Wall	—	6.54	6.54	19.62	—	32.70	10.00 ~ 35.10	2860	560 ~ 3330	14.0	2.7 ~ 16.3	98	
07+07+18	Wall	Wall	Duct	—	6.30	6.30	18.90	—	31.50	9.60 ~ 33.50	3020	710 ~ 3350	14.8	3.5 ~ 16.4	98	
07+07+24	Wall	Wall	Wall	—	6.49	6.49	23.02	—	36.00	10.20 ~ 38.00	3430	550 ~ 3430	16.8	2.7 ~ 16.8	98	
07+07+24	Wall	Wall	Duct	—	6.20	6.20	22.00	—	34.40	9.80 ~ 36.40	3430	690 ~ 3430	16.8	3.4 ~ 16.8	98	
07+09+09	Wall	Wall	Wall	—	7.66	9.57	9.57	—	26.80	9.40 ~ 30.00	2240	580 ~ 2730	11.0	2.8 ~ 13.4	98	
07+09+09	Wall	Wall	Duct	—	7.54	9.43	9.43	—	26.40	9.30 ~ 28.60	2290	630 ~ 2590	11.2	3.1 ~ 12.7	98	
07+09+09	Wall	Duct	Duct	—	7.40	9.25	9.25	—	25.90	9.20 ~ 27.10	2280	690 ~ 2460	11.2	3.4 ~ 12.1	98	
07+09+12	Wall	Wall	Wall	—	7.33	9.16	12.81	—	29.30	9.40 ~ 32.20	2610	580 ~ 3130	12.8	2.8 ~ 15.4	98	
07+09+12	Wall	Wall	Duct	—	7.13	8.91	12.46	—	28.50	9.30 ~ 30.70	2590	630 ~ 2970	12.7	3.1 ~ 14.6	98	
07+09+12	Wall	Duct	Wall	—	7.13	8.91	12.46	—	28.50	9.30 ~ 30.70	2590	630 ~ 2910	12.7	3.1 ~ 14.3	98	
07+09+12	Wall	Duct	Duct	—	6.95	8.69	12.16	—	27.80	9.20 ~ 29.20	2570	690 ~ 2820	12.6	3.4 ~ 13.8	98	
07+09+15	Wall	Wall	Wall	—	6.69	8.37	16.74	—	31.80	10.00 ~ 34.40	2730	560 ~ 3200	13.4	2.7 ~ 15.7	98	
07+09+15	Wall	Wall	Duct	—	6.46	8.08	16.16	—	30.70	9.70 ~ 32.80	2840	720 ~ 3230	13.9	3.5 ~ 15.8	98	
07+09+15	Wall	Duct	Wall	—	6.46	8.08	16.16	—	30.70	10.00 ~ 32.80	2650	620 ~ 2970	13.0	3.0 ~ 14.6	98	
07+09+15	Wall	Duct	Duct	—	6.23	7.79	15.58	—	29.60	9.60 ~ 31.30	2760	780 ~ 3080	13.5	3.8 ~ 15.1	98	
07+09+18	Wall	Wall	Wall	—	6.53	8.17	19.60	—	34.30	10.00 ~ 36.50	3130	560 ~ 3410	15.4	2.7 ~ 16.7	98	
07+09+18	Wall	Wall	Duct	—	6.27	7.83	18.80	—	32.90	9.70 ~ 34.90	3220	710 ~ 3430	15.8	3.5 ~ 16.8	98	
07+09+18	Wall	Duct	Wall	—	6.27	7.83	18.80	—	32.90	10.00 ~ 34.90	2970	620 ~ 3310	14.6	3.0 ~ 16.2	98	
07+09+18	Wall	Duct	Duct	—	5.98	7.48	17.94	—	31.40	9.60 ~ 33.30	3070	770 ~ 3400	15.1	3.8 ~ 16.7	98	
07+09+24	Wall	Wall	Wall	—	6.21	7.76	22.03	—	36.00	10.20 ~ 38.00	3430	540 ~ 3430	16.8	2.6 ~ 16.8	98	
07+09+24	Wall	Wall	Duct	—	5.95	7.44	21.11	—	34.50	9.80 ~ 36.40	3430	690 ~ 3430	16.8	3.4 ~ 16.8	98	
07+09+24	Wall	Duct	Wall	—	5.95	7.44	21.12	—	34.50	10.10 ~ 36.40	3200	600 ~ 3410	15.7	2.9 ~ 16.7	98	
07+09+24	Wall	Duct	Duct	—	5.67	7.09	20.14	—	32.90	9.70 ~ 34.90	3200	750 ~ 3410	15.7	3.7 ~ 16.7	98	
07+12+12	Wall	Wall	Wall	—	7.07	12.37	12.37	—	31.80	9.50 ~ 34.40	3000	580 ~ 3410	14.7	2.8 ~ 16.7	98	
07+12+12	Wall	Wall	Duct	—	6.83	11.94	11.94	—	30.70	9.30 ~ 32.80	2910	630 ~ 3310	14.3	3.1 ~ 16.2	98	
07+12+12	Wall	Duct	Duct	—	6.58	11.51	11.51	—	29.60	9.20 ~ 31.30	2880	690 ~ 3140	14.1	3.4 ~ 15.4	98	
07+12+15	Wall	Wall	Wall	—	6.53	11.43	16.33	—	34.30	10.00 ~ 36.50	3130	560 ~ 3410	15.4	2.7 ~ 16.7	98	
07+12+15	Wall	Wall	Duct	—	6.27	10.97	15.67	—	32.90	9.70 ~ 34.90	3240	720 ~ 3440	15.9	3.5 ~ 16.9	98	
07+12+15	Wall	Duct	Wall	—	6.27	10.97	15.67	—	32.90	10.00 ~ 34.90	2970	620 ~ 3380	14.6	3.0 ~ 16.6	98	
07+12+15	Wall	Duct	Duct	—	5.98	10.47	14.95	—	31.40	9.60 ~ 33.30	3080	780 ~ 3410	15.1	3.8 ~ 16.7	98	
07+12+18	Wall	Wall	Wall	—	6.26	10.96	18.78	—	36.00	10.10 ~ 38.00	3490	560 ~ 3560	17.1	2.7 ~ 17.5	98	
07+12+18	Wall	Wall	Duct	—	5.98	10.47	17.94	—	34.40	9.70 ~ 36.40	3500	710 ~ 3570	17.2	3.5 ~ 17.5	98	
07+12+18	Wall	Duct	Wall	—	5.98	10.47	17.96	—	34.40	10.00 ~ 36.40	3240	620 ~ 3380	15.9	3.0 ~ 16.6	98	
07+12+18	Wall	Duct	Duct	—	5.69	9.95	17.07	—	32.70	9.60 ~ 34.70	3270	770 ~ 3400	16.0	3.8 ~ 16.7	98	

1

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
07+12+24	Wall	Wall	Wall	—	5.71	10.00	20.29	—	36.00	10.20 ~ 38.00	3370	540 ~ 3440	16.5	2.6 ~ 16.9	98	
07+12+24	Wall	Wall	Duct	—	5.49	9.61	19.49	—	34.60	9.80 ~ 36.50	3440	690 ~ 3440	16.9	3.4 ~ 16.9	98	
07+12+24	Wall	Duct	Wall	—	5.49	9.61	19.51	—	34.60	10.10 ~ 36.50	3200	600 ~ 3410	15.7	2.9 ~ 16.7	98	
07+12+24	Wall	Duct	Duct	—	5.27	9.22	18.72	—	33.20	9.70 ~ 35.10	3270	750 ~ 3410	16.0	3.7 ~ 16.7	98	
07+15+15	Wall	Wall	Wall	—	6.01	15.00	15.00	—	36.00	10.40 ~ 38.00	3320	510 ~ 3400	16.3	2.5 ~ 16.7	98	
07+15+15	Wall	Wall	Duct	—	5.74	14.33	14.33	—	34.40	10.20 ~ 36.40	3230	690 ~ 3440	15.8	3.4 ~ 16.9	98	
07+15+15	Wall	Duct	Duct	—	5.46	13.63	13.63	—	32.70	9.90 ~ 34.70	3210	860 ~ 3410	15.7	4.2 ~ 16.7	98	
07+15+18	Wall	Wall	Wall	—	5.54	13.85	16.61	—	36.00	10.40 ~ 38.00	3250	510 ~ 3400	15.9	2.5 ~ 16.7	98	
07+15+18	Wall	Wall	Duct	—	5.31	13.27	15.93	—	34.50	10.20 ~ 36.40	3220	680 ~ 3430	15.8	3.3 ~ 16.8	98	
07+15+18	Wall	Duct	Wall	—	5.31	13.27	15.93	—	34.50	10.20 ~ 36.40	3230	690 ~ 3440	15.8	3.4 ~ 16.9	98	
07+15+18	Wall	Duct	Duct	—	5.06	12.65	15.18	—	32.90	9.90 ~ 34.90	3260	850 ~ 3390	16.0	4.2 ~ 16.6	98	
07+18+18	Wall	Wall	Wall	—	5.14	15.43	15.43	—	36.00	10.40 ~ 38.00	3260	500 ~ 3400	16.0	2.5 ~ 16.7	98	
07+18+18	Wall	Wall	Duct	—	4.93	14.83	14.83	—	34.60	10.20 ~ 36.50	3220	670 ~ 3430	15.8	3.3 ~ 16.8	98	
07+18+18	Wall	Duct	Duct	—	4.75	14.23	14.23	—	33.20	9.90 ~ 35.10	3250	830 ~ 3450	15.9	4.1 ~ 16.9	98	
09+09+09	Wall	Wall	Wall	—	9.50	9.50	9.50	—	28.50	9.40 ~ 31.50	2480	580 ~ 2990	12.2	2.8 ~ 14.7	98	
09+09+09	Wall	Wall	Duct	—	9.27	9.27	9.27	—	27.80	9.30 ~ 30.00	2470	630 ~ 2840	12.1	3.1 ~ 13.9	98	
09+09+09	Wall	Duct	Duct	—	9.07	9.07	9.07	—	27.20	9.20 ~ 28.50	2460	690 ~ 2640	12.1	3.4 ~ 13.0	98	
09+09+09	Duct	Duct	Duct	—	8.83	8.83	8.83	—	26.50	9.10 ~ 27.00	2450	740 ~ 2510	12.0	3.6 ~ 12.3	98	
09+09+12	Wall	Wall	Wall	—	9.12	9.12	12.77	—	31.00	9.50 ~ 33.60	2870	580 ~ 3340	14.1	2.8 ~ 16.4	98	
09+09+12	Wall	Wall	Duct	—	8.82	8.82	12.34	—	30.00	9.30 ~ 32.10	2840	630 ~ 3170	13.9	3.1 ~ 15.6	98	
09+09+12	Wall	Duct	Wall	—	8.82	8.82	12.34	—	30.00	9.40 ~ 32.10	2780	630 ~ 3180	13.6	3.1 ~ 15.6	98	
09+09+12	Wall	Duct	Duct	—	8.53	8.53	11.94	—	29.00	9.20 ~ 30.50	2760	690 ~ 3020	13.5	3.4 ~ 14.8	98	
09+09+12	Duct	Duct	Wall	—	8.53	8.53	11.94	—	29.00	9.30 ~ 30.50	2710	690 ~ 2960	13.3	3.4 ~ 14.5	98	
09+09+12	Duct	Duct	Duct	—	8.24	8.24	11.53	—	28.00	9.10 ~ 29.00	2690	740 ~ 2870	13.2	3.6 ~ 14.1	98	
09+09+15	Wall	Wall	Wall	—	8.38	8.38	16.75	—	33.50	10.00 ~ 35.80	2990	560 ~ 3410	14.7	2.7 ~ 16.7	98	
09+09+15	Wall	Wall	Duct	—	8.05	8.05	16.09	—	32.20	9.70 ~ 34.20	3100	720 ~ 3440	15.2	3.5 ~ 16.9	98	
09+09+15	Wall	Duct	Wall	—	8.05	8.05	16.10	—	32.20	10.00 ~ 34.20	2840	620 ~ 3180	13.9	3.0 ~ 15.6	98	
09+09+15	Wall	Duct	Duct	—	7.70	7.70	15.39	—	30.80	9.60 ~ 32.60	2950	780 ~ 3220	14.5	3.8 ~ 15.8	98	
09+09+15	Duct	Duct	Wall	—	7.70	7.70	15.39	—	30.80	9.90 ~ 32.60	2700	670 ~ 3020	13.2	3.3 ~ 14.8	98	
09+09+15	Duct	Duct	Duct	—	7.38	7.38	14.75	—	29.50	9.60 ~ 31.00	2810	830 ~ 3060	13.8	4.1 ~ 15.0	98	
09+09+18	Wall	Wall	Wall	—	8.18	8.18	19.65	—	36.00	10.10 ~ 38.00	3490	560 ~ 3490	17.1	2.7 ~ 17.1	98	
09+09+18	Wall	Wall	Duct	—	7.80	7.80	18.71	—	34.30	9.70 ~ 36.30	3430	710 ~ 3430	16.8	3.5 ~ 16.8	98	
09+09+18	Wall	Duct	Wall	—	7.80	7.80	18.71	—	34.30	10.00 ~ 36.30	3250	610 ~ 3390	15.9	3.0 ~ 16.6	98	
09+09+18	Wall	Duct	Duct	—	7.43	7.43	17.83	—	32.70	9.60 ~ 34.70	3270	760 ~ 3410	16.0	3.7 ~ 16.7	98	
09+09+18	Duct	Duct	Wall	—	7.43	7.43	17.85	—	32.70	9.90 ~ 34.70	3020	670 ~ 3370	14.8	3.3 ~ 16.5	98	
09+09+18	Duct	Duct	Duct	—	7.05	7.05	16.92	—	31.00	9.60 ~ 33.00	3050	820 ~ 3380	15.0	4.0 ~ 16.6	98	
09+09+24	Wall	Wall	Wall	—	7.44	7.44	21.13	—	36.00	10.20 ~ 38.00	3370	540 ~ 3440	16.5	2.6 ~ 16.9	98	
09+09+24	Wall	Wall	Duct	—	7.15	7.15	20.30	—	34.60	9.80 ~ 36.50	3440	690 ~ 3440	16.9	3.4 ~ 16.9	98	
09+09+24	Wall	Duct	Wall	—	7.15	7.15	20.30	—	34.60	10.20 ~ 36.50	3200	600 ~ 3410	15.7	2.9 ~ 16.7	98	
09+09+24	Wall	Duct	Duct	—	6.84	6.84	19.41	—	33.10	9.80 ~ 35.00	3210	750 ~ 3410	15.7	3.7 ~ 16.7	98	
09+09+24	Duct	Duct	Wall	—	6.84	6.84	19.43	—	33.10	10.10 ~ 35.00	2980	660 ~ 3320	14.6	3.2 ~ 16.3	98	
09+09+24	Duct	Duct	Duct	—	6.55	6.55	18.61	—	31.70	9.70 ~ 33.50	3060	800 ~ 3390	15.0	3.9 ~ 16.6	98	
09+12+12	Wall	Wall	Wall	—	8.82	12.34	12.34	—	33.50	9.50 ~ 35.80	3270	580 ~ 3410	16.0	2.8 ~ 16.7	98	
09+12+12	Wall	Wall	Duct	—	8.46	11.86	11.86	—	32.20	9.40 ~ 34.20	3180	630 ~ 3450	15.6	3.1 ~ 16.9	98	
09+12+12	Wall	Duct	Duct	—	8.12	11.35	11.35	—	30.80	9.20 ~ 32.60	3020	690 ~ 3350	14.8	3.4 ~ 16.4	98	
09+12+12	Duct	Wall	Wall	—	8.46	11.86	11.86	—	32.20	9.40 ~ 34.20	3110	630 ~ 3390	15.3	3.1 ~ 16.6	98	
09+12+12	Duct	Wall	Duct	—	8.12	11.35	11.35	—	30.80	9.30 ~ 32.60	3020	690 ~ 3360	14.8	3.4 ~ 16.5	98	
09+12+12	Duct	Duct	Duct	—	7.76	10.87	10.87	—	29.50	9.10 ~ 31.00	2930	740 ~ 3190	14.4	3.6 ~ 15.6	98	
09+12+15	Wall	Wall	Wall	—	8.18	11.45	16.36	—	36.00	10.10 ~ 38.00	3490	550 ~ 3560	17.1	2.7 ~ 17.5	98	
09+12+15	Wall	Wall	Duct	—	7.80	10.91	15.59	—	34.30	9.70 ~ 36.30	3450	720 ~ 3450	16.9	3.5 ~ 16.9	98	
09+12+15	Wall	Duct	Wall	—	7.80	10.91	15.59	—	34.30	10.00 ~ 36.30	3250	620 ~ 3390	15.9	3.0 ~ 16.6	98	
09+12+15	Wall	Duct	Duct	—	7.43	10.40	14.86	—	32.70	9.60 ~ 34.70	3280	780 ~ 3420	16.1	3.8 ~ 16.8	98	
09+12+15	Duct	Wall	Wall	—	7.80	10.91	15.59	—	34.30	10.00 ~ 36.30	3180	610 ~ 3390	15.6	3.0 ~ 16.6	98	
09+12+15	Duct	Wall	Duct	—	7.43	10.40	14.86	—	32.70	9.70 ~ 34.70	3220	770 ~ 3420	15.8	3.8 ~ 16.8	98	
09+12+15	Duct	Duct	Wall	—	7.43	10.40	14.87	—	32.70	9.90 ~ 34.70	3020	670 ~ 3360	14.8	3.3 ~ 16.5	98	
09+12+15	Duct	Duct	Duct	—	7.05	9.86	14.09	—	31.00	9.60 ~ 33.00	3060	830 ~ 3400	15.0	4.1 ~ 16.7	98	
09+12+18	Wall	Wall	Wall	—	7.50	10.50	18.00	—	36.00	10.10 ~ 38.00	3490	550 ~ 3560	17.1	2.7 ~ 17.5	98	
09+12+18	Wall	Wall	Duct	—	7.17	10.03	17.20	—	34.40	9.70 ~ 36.40	3440	710 ~ 3440	16.9	3.5 ~ 16.9	98	
09+12+18	Wall	Duct	Wall	—	7.17	10.03	17.20	—	34.40	10.00 ~ 36.40	3250	610 ~ 3390	15.9	3.0 ~ 16.6	98	
09+12+18	Wall	Duct	Duct	—	6.85	9.60	16.45	—	32.90	9.60 ~ 34.90	3270	760 ~ 3410	16.0	3.7 ~ 16.7	98	
09+12+18	Duct	Wall	Wall	—	7.17	10.03	17.20	—	34.40	10.00 ~ 36.40	3180	610 ~ 3390	15.6	3.0 ~ 16.6	98	

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
09+12+18	Duct	Wall	Duct	—	6.85	9.60	16.45	—	32.90	9.70 ~ 34.90	3280	760 ~ 3410	16.1	3.7 ~ 16.7	98	
09+12+18	Duct	Duct	Wall	—	6.85	9.60	16.45	—	32.90	9.90 ~ 34.90	3020	670 ~ 3440	14.8	3.3 ~ 16.9	98	
09+12+18	Duct	Duct	Duct	—	6.52	9.13	15.65	—	31.30	9.60 ~ 33.30	3120	820 ~ 3450	15.3	4.0 ~ 16.9	98	
09+12+24	Wall	Wall	Wall	—	6.87	9.62	19.51	—	36.00	10.20 ~ 38.00	3370	540 ~ 3440	16.5	2.6 ~ 16.9	98	
09+12+24	Wall	Wall	Duct	—	6.62	9.27	18.81	—	34.70	9.90 ~ 36.60	3440	690 ~ 3440	16.9	3.4 ~ 16.9	98	
09+12+24	Wall	Duct	Wall	—	6.62	9.27	18.81	—	34.70	10.20 ~ 36.60	3200	600 ~ 3410	15.7	2.9 ~ 16.7	98	
09+12+24	Wall	Duct	Duct	—	6.35	8.90	18.05	—	33.30	9.80 ~ 35.20	3280	750 ~ 3410	16.1	3.7 ~ 16.7	98	
09+12+24	Duct	Wall	Wall	—	6.62	9.27	18.81	—	34.70	10.20 ~ 36.60	3210	600 ~ 3420	15.7	2.9 ~ 16.8	98	
09+12+24	Duct	Wall	Duct	—	6.35	8.90	18.05	—	33.30	9.80 ~ 35.20	3280	750 ~ 3420	16.1	3.7 ~ 16.8	98	
09+12+24	Duct	Duct	Wall	—	6.35	8.90	18.05	—	33.30	10.10 ~ 35.20	3050	660 ~ 3390	15.0	3.2 ~ 16.6	98	
09+12+24	Duct	Duct	Duct	—	6.11	8.55	17.34	—	32.00	9.70 ~ 33.80	3120	800 ~ 3460	15.3	3.9 ~ 17.0	98	
09+15+15	Wall	Wall	Wall	—	7.20	14.40	14.40	—	36.00	10.40 ~ 38.00	3260	500 ~ 3400	16.0	2.5 ~ 16.7	98	
09+15+15	Wall	Wall	Duct	—	6.88	13.76	13.76	—	34.40	10.20 ~ 36.40	3230	690 ~ 3440	15.8	3.4 ~ 16.9	98	
09+15+15	Wall	Duct	Duct	—	6.58	13.16	13.16	—	32.90	10.00 ~ 34.90	3210	860 ~ 3410	15.7	4.2 ~ 16.7	98	
09+15+15	Duct	Wall	Wall	—	6.88	13.76	13.76	—	34.40	10.30 ~ 36.40	3030	570 ~ 3450	14.9	2.8 ~ 16.9	98	
09+15+15	Duct	Wall	Duct	—	6.58	13.16	13.16	—	32.90	10.20 ~ 34.90	3010	740 ~ 3350	14.8	3.6 ~ 16.4	98	
09+15+15	Duct	Duct	Duct	—	6.26	12.52	12.52	—	31.30	9.90 ~ 33.30	3060	910 ~ 3390	15.0	4.5 ~ 16.6	98	
09+15+18	Wall	Wall	Wall	—	6.67	13.33	16.00	—	36.00	10.40 ~ 38.00	3260	500 ~ 3400	16.0	2.5 ~ 16.7	98	
09+15+18	Wall	Wall	Duct	—	6.41	12.81	15.38	—	34.60	10.20 ~ 36.50	3220	670 ~ 3430	15.8	3.3 ~ 16.8	98	
09+15+18	Wall	Duct	Wall	—	6.41	12.81	15.38	—	34.60	10.20 ~ 36.50	3230	680 ~ 3440	15.8	3.3 ~ 16.9	98	
09+15+18	Wall	Duct	Duct	—	6.13	12.26	14.71	—	33.10	10.00 ~ 35.00	3260	840 ~ 3400	16.0	4.1 ~ 16.7	98	
09+15+18	Duct	Wall	Wall	—	6.41	12.81	15.38	—	34.60	10.40 ~ 36.50	3030	560 ~ 3450	14.9	2.7 ~ 16.9	98	
09+15+18	Duct	Wall	Duct	—	6.13	12.26	14.71	—	33.10	10.20 ~ 35.00	3000	730 ~ 3410	14.7	3.6 ~ 16.7	98	
09+15+18	Duct	Duct	Wall	—	6.13	12.26	14.71	—	33.10	10.20 ~ 35.00	3010	740 ~ 3420	14.8	3.6 ~ 16.8	98	
09+15+18	Duct	Duct	Duct	—	5.87	11.74	14.09	—	31.70	9.90 ~ 33.50	3110	900 ~ 3380	15.3	4.4 ~ 16.6	98	
09+15+24	Wall	Wall	Wall	—	6.16	12.33	17.51	—	36.00	10.40 ~ 38.00	3270	480 ~ 3420	16.0	2.4 ~ 16.8	98	
09+15+24	Wall	Wall	Duct	—	5.96	11.92	16.92	—	34.80	10.30 ~ 36.70	3220	650 ~ 3430	15.8	3.2 ~ 16.8	98	
09+15+24	Wall	Duct	Wall	—	5.96	11.92	16.92	—	34.80	10.30 ~ 36.70	3190	660 ~ 3390	15.6	3.2 ~ 16.6	98	
09+15+24	Wall	Duct	Duct	—	5.74	11.47	16.29	—	33.50	10.10 ~ 35.30	3270	820 ~ 3400	16.0	4.0 ~ 16.7	98	
09+15+24	Duct	Wall	Wall	—	5.96	11.92	16.92	—	34.80	10.40 ~ 36.70	3050	540 ~ 3390	15.0	2.6 ~ 16.6	98	
09+15+24	Duct	Wall	Duct	—	5.74	11.47	16.29	—	33.50	10.30 ~ 35.30	3070	710 ~ 3410	15.1	3.5 ~ 16.7	98	
09+15+24	Duct	Duct	Wall	—	5.74	11.47	16.29	—	33.50	10.30 ~ 35.30	3030	720 ~ 3370	14.9	3.5 ~ 16.5	98	
09+15+24	Duct	Duct	Duct	—	5.53	11.06	15.71	—	32.30	10.00 ~ 34.00	3120	880 ~ 3450	15.3	4.3 ~ 16.9	98	
09+18+18	Wall	Wall	Wall	—	6.21	14.90	14.90	—	36.00	10.40 ~ 38.00	3260	500 ~ 3400	16.0	2.5 ~ 16.7	98	
09+18+18	Wall	Wall	Duct	—	5.99	14.36	14.36	—	34.70	10.20 ~ 36.60	3220	670 ~ 3430	15.8	3.3 ~ 16.8	98	
09+18+18	Wall	Duct	Duct	—	5.74	13.78	13.78	—	33.30	10.00 ~ 35.20	3250	830 ~ 3390	15.9	4.1 ~ 16.6	98	
09+18+18	Duct	Wall	Wall	—	5.97	14.36	14.36	—	34.70	10.40 ~ 36.60	3030	560 ~ 3450	14.9	2.7 ~ 16.9	98	
09+18+18	Duct	Wall	Duct	—	5.74	13.78	13.78	—	33.30	10.20 ~ 35.20	3070	730 ~ 3410	15.1	3.6 ~ 16.7	98	
09+18+18	Duct	Duct	Duct	—	5.52	13.24	13.24	—	32.00	9.90 ~ 33.80	3100	890 ~ 3430	15.2	4.4 ~ 16.8	98	
12+12+12	Wall	Wall	Wall	—	12.00	12.00	12.00	—	36.00	9.60 ~ 38.00	3780	580 ~ 3780	18.5	2.8 ~ 18.5	98	
12+12+12	Wall	Wall	Duct	—	11.43	11.43	11.43	—	34.30	9.40 ~ 36.30	3530	630 ~ 3600	17.3	3.1 ~ 17.7	98	
12+12+12	Wall	Duct	Duct	—	10.90	10.90	10.90	—	32.70	9.30 ~ 34.70	3360	690 ~ 3430	16.5	3.4 ~ 16.8	98	
12+12+12	Duct	Duct	Duct	—	10.33	10.33	10.33	—	31.00	9.10 ~ 33.00	3190	740 ~ 3400	15.6	3.6 ~ 16.7	98	
12+12+15	Wall	Wall	Wall	—	10.50	10.50	15.01	—	36.00	10.10 ~ 38.00	3420	550 ~ 3420	16.8	2.7 ~ 16.8	98	
12+12+15	Wall	Wall	Duct	—	10.03	10.03	14.32	—	34.40	9.80 ~ 36.40	3450	720 ~ 3450	16.9	3.5 ~ 16.9	98	
12+12+15	Wall	Duct	Wall	—	10.03	10.03	14.33	—	34.40	10.00 ~ 36.40	3250	610 ~ 3390	15.9	3.0 ~ 16.6	98	
12+12+15	Wall	Duct	Duct	—	9.60	9.60	13.72	—	32.90	9.70 ~ 34.90	3290	770 ~ 3420	16.1	3.8 ~ 16.8	98	
12+12+15	Duct	Duct	Wall	—	9.60	9.60	13.70	—	32.90	9.90 ~ 34.90	3020	670 ~ 3430	14.8	3.3 ~ 16.8	98	
12+12+15	Duct	Duct	Duct	—	9.13	9.13	13.04	—	31.30	9.60 ~ 33.30	3130	830 ~ 3460	15.4	4.1 ~ 17.0	98	
12+12+18	Wall	Wall	Wall	—	9.69	9.69	16.62	—	36.00	10.10 ~ 38.00	3420	550 ~ 3420	16.8	2.7 ~ 16.8	98	
12+12+18	Wall	Wall	Duct	—	9.32	9.32	15.97	—	34.60	9.80 ~ 36.50	3440	710 ~ 3440	16.9	3.5 ~ 16.9	98	
12+12+18	Wall	Duct	Wall	—	9.32	9.32	15.97	—	34.60	10.00 ~ 36.50	3250	610 ~ 3390	15.9	3.0 ~ 16.6	98	
12+12+18	Wall	Duct	Duct	—	8.91	8.91	15.28	—	33.10	9.70 ~ 35.00	3280	760 ~ 3410	16.1	3.7 ~ 16.7	98	
12+12+18	Duct	Duct	Wall	—	8.91	8.91	15.28	—	33.10	9.90 ~ 35.00	3090	670 ~ 3440	15.2	3.3 ~ 16.9	98	
12+12+18	Duct	Duct	Duct	—	8.53	8.53	14.62	—	31.70	9.60 ~ 33.50	3180	820 ~ 3450	15.6	4.0 ~ 16.9	98	
12+12+24	Wall	Wall	Wall	—	8.94	8.94	18.13	—	36.00	10.10 ~ 38.00	3420	550 ~ 3420	16.8	2.7 ~ 16.8	98	
12+12+24	Wall	Wall	Duct	—	8.64	8.64	17.52	—	34.80	9.80 ~ 36.70	3500	690 ~ 3570	17.2	3.4 ~ 17.5	98	
12+12+24	Wall	Duct	Wall	—	8.64	8.64	17.52	—	34.80	10.00 ~ 36.70	3320	610 ~ 3390	16.3	3.0 ~ 16.6	98	
12+12+24	Wall	Duct	Duct	—	8.32	8.32	16.87	—	33.50	9.70 ~ 35.30	3330	750 ~ 3400	16.3	3.7 ~ 16.7	98	
12+12+24	Duct	Duct	Wall	—	8.32	8.32	16.87	—	33.50	9.90 ~ 35.30	3160	670 ~ 3440	15.5	3.3 ~ 16.9	98	
12+12+24	Duct	Duct	Duct	—	8.02	8.02	16.25	—	32.30	9.60 ~ 34.00	3240	810 ~ 3440	15.9	4.0 ~ 16.9	98	

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
12+15+15	Wall	Wall	Wall	—	9.33	13.33	13.33	—	36.00	10.40 ~ 38.00	3260	500 ~ 3400	16.0	2.5 ~ 16.7	98	
12+15+15	Wall	Wall	Duct	—	8.98	12.81	12.81	—	34.60	10.20 ~ 36.50	3240	680 ~ 3450	15.9	3.3 ~ 16.9	98	
12+15+15	Wall	Duct	Duct	—	8.58	12.26	12.26	—	33.10	10.00 ~ 35.00	3210	850 ~ 3420	15.7	4.2 ~ 16.8	98	
12+15+15	Duct	Wall	Wall	—	8.98	12.81	12.81	—	34.60	10.30 ~ 36.50	3030	570 ~ 3450	14.9	2.8 ~ 16.9	98	
12+15+15	Duct	Wall	Duct	—	8.58	12.26	12.26	—	33.10	10.20 ~ 35.00	3010	740 ~ 3420	14.8	3.6 ~ 16.8	98	
12+15+15	Duct	Duct	Duct	—	8.21	11.74	11.74	—	31.70	9.90 ~ 33.50	3130	910 ~ 3390	15.4	4.5 ~ 16.6	98	
12+15+18	Wall	Wall	Wall	—	8.69	12.41	14.90	—	36.00	10.40 ~ 38.00	3260	500 ~ 3400	16.0	2.5 ~ 16.7	98	
12+15+18	Wall	Wall	Duct	—	8.38	11.97	14.37	—	34.70	10.20 ~ 36.60	3160	670 ~ 3430	15.5	3.3 ~ 16.8	98	
12+15+18	Wall	Duct	Wall	—	8.38	11.97	14.37	—	34.70	10.20 ~ 36.60	3240	680 ~ 3450	15.9	3.3 ~ 16.9	98	
12+15+18	Wall	Duct	Duct	—	8.04	11.48	13.78	—	33.30	10.00 ~ 35.20	3270	840 ~ 3400	16.0	4.1 ~ 16.7	98	
12+15+18	Duct	Wall	Wall	—	8.38	11.97	14.37	—	34.70	10.40 ~ 36.60	3100	560 ~ 3450	15.2	2.7 ~ 16.9	98	
12+15+18	Duct	Wall	Duct	—	8.04	11.48	13.78	—	33.30	10.20 ~ 35.20	3070	730 ~ 3410	15.1	3.6 ~ 16.7	98	
12+15+18	Duct	Duct	Wall	—	8.04	11.48	13.78	—	33.30	10.20 ~ 35.20	3080	740 ~ 3420	15.1	3.6 ~ 16.8	98	
12+15+18	Duct	Duct	Duct	—	7.72	11.03	13.24	—	32.00	9.90 ~ 33.80	3110	900 ~ 3450	15.3	4.4 ~ 16.9	98	
12+18+18	Wall	Wall	Wall	—	8.13	13.94	13.94	—	36.00	10.40 ~ 38.00	3260	490 ~ 3400	16.0	2.4 ~ 16.7	98	
12+18+18	Wall	Wall	Duct	—	7.87	13.47	13.47	—	34.80	10.20 ~ 36.70	3230	670 ~ 3440	15.8	3.3 ~ 16.9	98	
12+18+18	Wall	Duct	Duct	—	7.56	12.97	12.97	—	33.50	10.00 ~ 35.30	3320	830 ~ 3390	16.3	4.1 ~ 16.6	98	
12+18+18	Duct	Wall	Wall	—	7.87	13.47	13.47	—	34.80	10.40 ~ 36.70	3100	560 ~ 3380	15.2	2.7 ~ 16.6	98	
12+18+18	Duct	Wall	Duct	—	7.56	12.97	12.97	—	33.50	10.20 ~ 35.30	3070	730 ~ 3410	15.1	3.6 ~ 16.7	98	
12+18+18	Duct	Duct	Duct	—	7.28	12.50	12.50	—	32.30	9.90 ~ 34.00	3170	890 ~ 3430	15.6	4.4 ~ 16.8	98	
15+15+15	Wall	Wall	Wall	—	12.00	12.00	12.00	—	36.00	10.40 ~ 38.00	3230	420 ~ 3440	15.8	2.1 ~ 16.9	98	
15+15+15	Wall	Wall	Duct	—	11.57	11.57	11.57	—	34.70	10.40 ~ 36.60	3080	620 ~ 3420	15.1	3.0 ~ 16.8	98	
15+15+15	Wall	Duct	Duct	—	11.10	11.10	11.10	—	33.30	10.30 ~ 35.20	3060	810 ~ 3400	15.0	4.0 ~ 16.7	98	
15+15+15	Duct	Duct	Duct	—	10.67	10.67	10.67	—	32.00	10.10 ~ 33.80	3120	990 ~ 3450	15.3	4.9 ~ 16.9	98	
15+15+18	Wall	Wall	Wall	—	11.25	11.25	13.50	—	36.00	10.40 ~ 38.00	3230	420 ~ 3440	15.8	2.1 ~ 16.9	98	
15+15+18	Wall	Wall	Duct	—	10.88	10.88	13.05	—	34.80	10.40 ~ 36.70	3130	610 ~ 3410	15.4	3.0 ~ 16.7	98	
15+15+18	Wall	Duct	Wall	—	10.88	10.88	13.05	—	34.80	10.40 ~ 36.70	3080	620 ~ 3420	15.1	3.0 ~ 16.8	98	
15+15+18	Wall	Duct	Duct	—	10.47	10.47	12.56	—	33.50	10.30 ~ 35.30	3050	800 ~ 3460	15.0	3.9 ~ 17.0	98	
15+15+18	Duct	Duct	Wall	—	10.47	10.47	12.56	—	33.50	10.30 ~ 35.30	3070	810 ~ 3400	15.1	4.0 ~ 16.7	98	
15+15+18	Duct	Duct	Duct	—	10.09	10.09	12.10	—	32.30	10.10 ~ 34.00	3170	970 ~ 3430	15.6	4.8 ~ 16.8	98	
07+07+07+07	Wall	Wall	Wall	Wall	7.33	7.33	7.33	7.33	29.30	10.00 ~ 32.20	2350	560 ~ 2790	11.5	2.7 ~ 13.7	98	
07+07+07+09	Wall	Wall	Wall	Wall	7.29	7.29	7.29	9.12	31.00	10.00 ~ 33.60	2600	560 ~ 3060	12.8	2.7 ~ 15.0	98	
07+07+07+09	Wall	Wall	Wall	Duct	7.13	7.13	7.13	8.91	30.30	9.90 ~ 32.50	2590	620 ~ 2900	12.7	3.0 ~ 14.2	98	
07+07+07+12	Wall	Wall	Wall	Wall	7.05	7.05	7.05	12.34	33.50	10.00 ~ 35.80	2990	560 ~ 3410	14.7	2.7 ~ 16.7	98	
07+07+07+12	Wall	Wall	Wall	Duct	6.84	6.84	6.84	11.97	32.50	9.90 ~ 34.60	2900	620 ~ 3310	14.2	3.0 ~ 16.2	98	
07+07+07+15	Wall	Wall	Wall	Wall	6.55	6.55	6.55	16.36	36.00	10.40 ~ 38.00	3320	510 ~ 3390	16.3	2.5 ~ 16.6	98	
07+07+07+15	Wall	Wall	Wall	Duct	6.33	6.33	6.33	15.82	34.80	10.20 ~ 36.80	3300	690 ~ 3440	16.2	3.4 ~ 16.9	98	
07+07+07+18	Wall	Wall	Wall	Wall	6.00	6.00	6.00	18.00	36.00	10.40 ~ 38.00	3330	510 ~ 3400	16.3	2.5 ~ 16.7	98	
07+07+07+18	Wall	Wall	Wall	Duct	5.80	5.80	5.80	17.40	34.80	10.20 ~ 36.80	3290	680 ~ 3420	16.1	3.3 ~ 16.8	98	
07+07+07+24	Wall	Wall	Wall	Wall	5.50	5.50	5.50	19.51	36.00	10.40 ~ 38.00	3270	480 ~ 3410	16.0	2.4 ~ 16.7	98	
07+07+07+24	Wall	Wall	Wall	Duct	5.34	5.34	5.34	18.97	35.00	10.30 ~ 37.00	3290	650 ~ 3430	16.1	3.2 ~ 16.8	98	
07+07+09+09	Wall	Wall	Wall	Wall	7.27	7.27	9.08	9.08	32.70	10.00 ~ 35.10	2860	560 ~ 3270	14.0	2.7 ~ 16.0	98	
07+07+09+09	Wall	Wall	Wall	Duct	7.07	7.07	8.83	8.83	31.80	10.00 ~ 33.90	2780	620 ~ 3180	13.6	3.0 ~ 15.6	98	
07+07+09+09	Wall	Wall	Duct	Duct	6.87	6.87	8.58	8.58	30.90	9.90 ~ 32.70	2700	670 ~ 3020	13.2	3.3 ~ 14.8	98	
07+07+09+12	Wall	Wall	Wall	Wall	7.04	7.04	8.80	12.32	35.20	10.10 ~ 37.30	3270	550 ~ 3420	16.0	2.7 ~ 16.8	98	
07+07+09+12	Wall	Wall	Wall	Duct	6.80	6.80	8.50	11.90	34.00	10.00 ~ 36.10	3180	620 ~ 3390	15.6	3.0 ~ 16.6	98	
07+07+09+12	Wall	Wall	Duct	Wall	6.80	6.80	8.50	11.90	34.00	10.00 ~ 36.10	3180	610 ~ 3390	15.6	3.0 ~ 16.6	98	
07+07+09+12	Wall	Wall	Duct	Duct	6.58	6.58	8.23	11.52	32.90	9.90 ~ 34.80	3090	670 ~ 3430	15.2	3.3 ~ 16.8	98	
07+07+09+15	Wall	Wall	Wall	Wall	6.26	6.26	7.83	15.65	36.00	10.40 ~ 38.00	3260	510 ~ 3400	16.0	2.5 ~ 16.7	98	
07+07+09+15	Wall	Wall	Wall	Duct	6.05	6.05	7.56	15.13	34.80	10.20 ~ 36.80	3300	690 ~ 3440	16.2	3.4 ~ 16.9	98	
07+07+09+15	Wall	Wall	Duct	Wall	6.05	6.05	7.57	15.13	34.80	10.30 ~ 36.80	3100	570 ~ 3380	15.2	2.8 ~ 16.6	98	
07+07+09+15	Wall	Wall	Duct	Duct	5.84	5.84	7.29	14.61	33.60	10.20 ~ 35.60	3140	740 ~ 3420	15.4	3.6 ~ 16.8	98	
07+07+09+18	Wall	Wall	Wall	Wall	5.76	5.76	7.19	17.28	36.00	10.40 ~ 38.00	3260	500 ~ 3400	16.0	2.5 ~ 16.7	98	
07+07+09+18	Wall	Wall	Wall	Duct	5.58	5.58	6.98	16.75	34.90	10.20 ~ 36.90	3290	670 ~ 3430	16.1	3.3 ~ 16.8	98	
07+07+09+18	Wall	Wall	Duct	Wall	5.58	5.58	6.98	16.75	34.90	10.40 ~ 36.90	3100	560 ~ 3380	15.2	2.7 ~ 16.6	98	
07+07+09+18	Wall	Wall	Duct	Duct	5.41	5.41	6.77	16.22	33.80	10.20 ~ 35.70	3130	730 ~ 3410	15.4	3.6 ~ 16.7	98	
07+07+09+24	Wall	Wall	Wall	Wall	5.29	5.29	6.61	18.79	36.00	10.40 ~ 38.00	3270	480 ~ 3420	16.0	2.4 ~ 16.8	98	
07+07+09+24	Wall	Wall	Wall	Duct	5.16	5.16	6.45	18.32	35.10	10.30 ~ 37.00	3290	650 ~ 3430	16.1	3.2 ~ 16.8	98	
07+07+09+24	Wall	Wall	Duct	Wall	5.16	5.16	6.45	18.32	35.10	10.40 ~ 37.00	3110	540 ~ 3390	15.3	2.6 ~ 16.6	98	
07+07+09+24	Wall	Wall	Duct	Duct	5.01	5.01	6.28	17.80	34.10	10.30 ~ 36.00	3130	710 ~ 3410	15.4	3.5 ~ 16.7	98	
07+07+12+12	Wall	Wall	Wall	Wall	6.55	6.55	11.45	11.45	36.00	10.10 ~ 38.00	3420	550 ~ 3420	16.8	2.7 ~ 16.8	98	

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
07+07+12+12	Wall	Wall	Wall	Duct	6.33	6.33	11.07	11.07	34.80	10.00 ~ 36.80	3320	610 ~ 3390	16.3	3.0 ~ 16.6	98	
07+07+12+12	Wall	Wall	Duct	Duct	6.11	6.11	10.69	10.69	33.60	9.90 ~ 35.60	3160	670 ~ 3430	15.5	3.3 ~ 16.8	98	
07+07+12+15	Wall	Wall	Wall	Wall	5.76	5.76	10.07	14.40	36.00	10.40 ~ 38.00	3260	500 ~ 3400	16.0	2.5 ~ 16.7	98	
07+07+12+15	Wall	Wall	Wall	Duct	5.58	5.58	9.77	13.96	34.90	10.20 ~ 36.90	3300	680 ~ 3440	16.2	3.3 ~ 16.9	98	
07+07+12+15	Wall	Wall	Duct	Wall	5.58	5.58	9.77	13.96	34.90	10.30 ~ 36.90	3100	570 ~ 3450	15.2	2.8 ~ 16.9	98	
07+07+12+15	Wall	Wall	Duct	Duct	5.41	5.41	9.47	13.52	33.80	10.20 ~ 35.70	3140	740 ~ 3420	15.4	3.6 ~ 16.8	98	
07+07+12+18	Wall	Wall	Wall	Wall	5.33	5.33	9.33	16.00	36.00	10.40 ~ 38.00	3260	500 ~ 3400	16.0	2.5 ~ 16.7	98	
07+07+12+18	Wall	Wall	Wall	Duct	5.19	5.19	9.08	15.56	35.00	10.20 ~ 36.90	3290	670 ~ 3430	16.1	3.3 ~ 16.8	98	
07+07+12+18	Wall	Wall	Duct	Wall	5.19	5.19	9.07	15.56	35.00	10.40 ~ 36.90	3100	560 ~ 3380	15.2	2.7 ~ 16.6	98	
07+07+12+18	Wall	Wall	Duct	Duct	5.04	5.04	8.81	15.11	34.00	10.20 ~ 35.90	3200	730 ~ 3410	15.7	3.6 ~ 16.7	98	
07+07+15+15	Wall	Wall	Wall	Wall	5.14	5.14	12.86	12.86	36.00	10.40 ~ 38.00	3220	420 ~ 3440	15.8	2.1 ~ 16.9	98	
07+07+15+15	Wall	Wall	Wall	Duct	5.00	5.00	12.50	12.50	35.00	10.40 ~ 36.90	3140	620 ~ 3420	15.4	3.0 ~ 16.8	98	
07+07+15+15	Wall	Wall	Duct	Duct	4.86	4.86	12.14	12.14	34.00	10.30 ~ 35.90	3200	810 ~ 3400	15.7	4.0 ~ 16.7	98	
07+07+15+18	Wall	Wall	Wall	Wall	4.80	4.80	12.00	14.40	36.00	10.40 ~ 38.00	3260	500 ~ 3400	16.0	2.5 ~ 16.7	98	
07+07+15+18	Wall	Wall	Wall	Duct	4.68	4.68	11.71	14.04	35.10	10.20 ~ 37.00	3290	670 ~ 3430	16.1	3.3 ~ 16.8	98	
07+07+15+18	Wall	Wall	Duct	Wall	4.68	4.68	11.70	14.04	35.10	10.40 ~ 37.00	3260	660 ~ 3400	16.0	3.2 ~ 16.7	98	
07+07+15+18	Wall	Wall	Duct	Duct	4.55	4.55	11.37	13.64	34.10	10.20 ~ 36.00	3290	820 ~ 3430	16.1	4.0 ~ 16.8	98	
07+09+09+09	Wall	Wall	Wall	Wall	7.23	9.03	9.03	9.03	34.30	10.10 ~ 36.50	3130	560 ~ 3410	15.4	2.7 ~ 16.7	98	
07+09+09+09	Wall	Wall	Wall	Duct	6.99	8.74	8.74	8.74	33.20	9.90 ~ 35.30	3040	620 ~ 3450	14.9	3.0 ~ 16.9	98	
07+09+09+09	Wall	Wall	Duct	Duct	6.79	8.47	8.47	8.47	32.20	9.90 ~ 34.10	2960	670 ~ 3290	14.5	3.3 ~ 16.1	98	
07+09+09+09	Wall	Duct	Duct	Duct	6.55	8.18	8.18	8.18	31.10	9.90 ~ 32.90	2810	730 ~ 3140	13.8	3.6 ~ 15.4	98	
07+09+09+12	Wall	Wall	Wall	Wall	6.87	8.57	8.57	12.00	36.00	10.10 ~ 38.00	3420	550 ~ 3420	16.8	2.7 ~ 16.8	98	
07+09+09+12	Wall	Wall	Wall	Duct	6.63	8.29	8.29	11.60	34.80	10.00 ~ 36.80	3320	610 ~ 3390	16.3	3.0 ~ 16.6	98	
07+09+09+12	Wall	Wall	Duct	Wall	6.63	8.29	8.29	11.60	34.80	10.00 ~ 36.80	3250	610 ~ 3400	15.9	3.0 ~ 16.7	98	
07+09+09+12	Wall	Wall	Duct	Duct	6.41	8.00	8.00	11.20	33.60	10.00 ~ 35.60	3160	670 ~ 3440	15.5	3.3 ~ 16.9	98	
07+09+09+12	Wall	Duct	Duct	Wall	6.41	8.00	8.00	11.20	33.60	10.00 ~ 35.60	3160	670 ~ 3440	15.5	3.3 ~ 16.9	98	
07+09+09+12	Wall	Duct	Duct	Duct	6.15	7.69	7.69	10.77	32.30	9.90 ~ 34.30	3010	730 ~ 3340	14.8	3.6 ~ 16.4	98	
07+09+09+15	Wall	Wall	Wall	Wall	6.00	7.50	7.50	15.00	36.00	10.40 ~ 38.00	3260	500 ~ 3400	16.0	2.5 ~ 16.7	98	
07+09+09+15	Wall	Wall	Wall	Duct	5.81	7.27	7.27	14.54	34.90	10.20 ~ 36.80	3300	680 ~ 3440	16.2	3.3 ~ 16.9	98	
07+09+09+15	Wall	Wall	Duct	Wall	5.82	7.27	7.27	14.54	34.90	10.40 ~ 36.80	3100	560 ~ 3380	15.2	2.7 ~ 16.6	98	
07+09+09+15	Wall	Wall	Duct	Duct	5.61	7.02	7.02	14.04	33.70	10.20 ~ 35.70	3150	740 ~ 3420	15.5	3.6 ~ 16.8	98	
07+09+09+15	Wall	Duct	Duct	Wall	5.62	7.02	7.02	14.04	33.70	10.30 ~ 35.70	2950	620 ~ 3360	14.5	3.0 ~ 16.5	98	
07+09+09+15	Wall	Duct	Duct	Duct	5.43	6.79	6.79	13.58	32.60	10.20 ~ 34.50	3000	800 ~ 3330	14.7	3.9 ~ 16.3	98	
07+09+09+18	Wall	Wall	Wall	Wall	5.54	6.92	6.92	16.62	36.00	10.40 ~ 38.00	3260	500 ~ 3400	16.0	2.5 ~ 16.7	98	
07+09+09+18	Wall	Wall	Wall	Duct	5.37	6.73	6.73	16.15	35.00	10.20 ~ 36.90	3290	670 ~ 3430	16.1	3.3 ~ 16.8	98	
07+09+09+18	Wall	Wall	Duct	Wall	5.38	6.73	6.73	16.15	35.00	10.40 ~ 36.90	3100	560 ~ 3450	15.2	2.7 ~ 16.9	98	
07+09+09+18	Wall	Wall	Duct	Duct	5.22	6.52	6.52	15.65	33.90	10.20 ~ 35.80	3140	730 ~ 3410	15.4	3.6 ~ 16.7	98	
07+09+09+18	Wall	Duct	Duct	Wall	5.23	6.52	6.52	15.65	33.90	10.30 ~ 35.80	2950	620 ~ 3360	14.5	3.0 ~ 16.5	98	
07+09+09+18	Wall	Duct	Duct	Duct	5.05	6.33	6.33	15.18	32.90	10.20 ~ 34.70	3050	790 ~ 3390	15.0	3.9 ~ 16.6	98	
07+09+12+12	Wall	Wall	Wall	Wall	6.26	7.83	10.97	10.96	36.00	10.10 ~ 38.00	3420	550 ~ 3420	16.8	2.7 ~ 16.8	98	
07+09+12+12	Wall	Wall	Wall	Duct	6.07	7.59	10.62	10.62	34.90	10.00 ~ 36.80	3320	610 ~ 3400	16.3	3.0 ~ 16.7	98	
07+09+12+12	Wall	Wall	Duct	Duct	5.86	7.33	10.26	10.26	33.70	10.00 ~ 35.70	3160	670 ~ 3440	15.5	3.3 ~ 16.9	98	
07+09+12+12	Wall	Duct	Wall	Wall	6.07	7.59	10.62	10.62	34.90	10.10 ~ 36.80	3260	610 ~ 3400	16.0	3.0 ~ 16.7	98	
07+09+12+12	Wall	Duct	Wall	Duct	5.86	7.33	10.26	10.26	33.70	10.00 ~ 35.70	3160	670 ~ 3440	15.5	3.3 ~ 16.9	98	
07+09+12+12	Wall	Duct	Duct	Duct	5.67	7.09	9.92	9.92	32.60	9.90 ~ 34.50	3070	730 ~ 3410	15.1	3.6 ~ 16.7	98	
07+09+12+15	Wall	Wall	Wall	Wall	5.54	6.92	9.69	13.85	36.00	10.40 ~ 38.00	3260	500 ~ 3400	16.0	2.5 ~ 16.7	98	
07+09+12+15	Wall	Wall	Wall	Duct	5.38	6.73	9.41	13.46	35.00	10.30 ~ 36.90	3310	680 ~ 3450	16.2	3.3 ~ 16.9	98	
07+09+12+15	Wall	Wall	Duct	Wall	5.38	6.73	9.42	13.46	35.00	10.40 ~ 36.90	3100	560 ~ 3380	15.2	2.7 ~ 16.6	98	
07+09+12+15	Wall	Wall	Duct	Duct	5.22	6.52	9.13	13.04	33.90	10.20 ~ 35.80	3150	740 ~ 3420	15.5	3.6 ~ 16.8	98	
07+09+12+15	Wall	Duct	Wall	Wall	5.38	6.73	9.42	13.46	35.00	10.40 ~ 36.90	3100	560 ~ 3450	15.2	2.7 ~ 16.9	98	
07+09+12+15	Wall	Duct	Wall	Duct	5.22	6.52	9.13	13.04	33.90	10.20 ~ 35.80	3150	740 ~ 3430	15.5	3.6 ~ 16.8	98	
07+09+12+15	Wall	Duct	Duct	Wall	5.22	6.52	9.13	13.04	33.90	10.30 ~ 35.80	3010	620 ~ 3360	14.8	3.0 ~ 16.5	98	
07+09+12+15	Wall	Duct	Duct	Duct	5.06	6.33	8.86	12.65	32.90	10.20 ~ 34.70	3060	800 ~ 3400	15.0	3.9 ~ 16.7	98	
07+09+12+18	Wall	Wall	Wall	Wall	5.14	6.43	9.00	15.43	36.00	10.40 ~ 38.00	3260	490 ~ 3410	16.0	2.4 ~ 16.7	98	
07+09+12+18	Wall	Wall	Wall	Duct	5.00	6.25	8.74	15.00	35.00	10.30 ~ 37.00	3300	670 ~ 3440	16.2	3.3 ~ 16.9	98	
07+09+12+18	Wall	Wall	Duct	Wall	5.00	6.25	8.75	15.00	35.00	10.40 ~ 37.00	3100	560 ~ 3380	15.2	2.7 ~ 16.6	98	
07+09+12+18	Wall	Wall	Duct	Duct	4.87	6.09	8.53	14.61	34.10	10.20 ~ 35.90	3200	730 ~ 3410	15.7	3.6 ~ 16.7	98	
07+09+12+18	Wall	Duct	Wall	Wall	5.00	6.25	8.75	15.00	35.00	10.40 ~ 37.00	3100	550 ~ 3450	15.2	2.7 ~ 16.9	98	
07+09+12+18	Wall	Duct	Wall	Duct	4.87	6.09	8.53	14.61	34.10	10.20 ~ 35.90	3210	730 ~ 3410	15.7	3.6 ~ 16.7	98	
07+09+12+18	Wall	Duct	Duct	Wall	4.87	6.09	8.53	14.61	34.10	10.30 ~ 35.90	3020	620 ~ 3360	14.8	3.0 ~ 16.5	98	
07+09+12+18	Wall	Duct	Duct	Duct	4.73	5.91	8.28	14.19	33.10	10.20 ~ 34.90	3120	790 ~ 3460	15.3	3.9 ~ 17.0	98	

1

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
07+09+15+15	Wall	Wall	Wall	Wall	4.97	6.21	12.42	12.41	36.00	10.40 ~ 38.00	3230	420 ~ 3440	15.8	2.1 ~ 16.9	98	
07+09+15+15	Wall	Wall	Wall	Duct	4.83	6.03	12.07	12.07	35.00	10.40 ~ 37.00	3150	620 ~ 3420	15.5	3.0 ~ 16.8	98	
07+09+15+15	Wall	Wall	Duct	Duct	4.70	5.88	11.76	11.76	34.10	10.30 ~ 35.90	3200	800 ~ 3400	15.7	3.9 ~ 16.7	98	
07+09+15+15	Wall	Duct	Wall	Wall	4.83	6.03	12.07	12.07	35.00	10.40 ~ 37.00	3000	480 ~ 3420	14.7	2.4 ~ 16.8	98	
07+09+15+15	Wall	Duct	Wall	Duct	4.70	5.88	11.76	11.76	34.10	10.40 ~ 35.90	3060	680 ~ 3400	15.0	3.3 ~ 16.7	98	
07+09+15+15	Wall	Duct	Duct	Duct	4.57	5.71	11.41	11.41	33.10	10.30 ~ 34.90	3120	860 ~ 3450	15.3	4.2 ~ 16.9	98	
07+12+12+12	Wall	Wall	Wall	Wall	5.75	10.08	10.08	10.08	36.00	10.20 ~ 38.00	3430	550 ~ 3430	16.8	2.7 ~ 16.8	98	
07+12+12+12	Wall	Wall	Wall	Duct	5.59	9.80	9.80	9.80	35.00	10.10 ~ 36.90	3330	610 ~ 3400	16.3	3.0 ~ 16.7	98	
07+12+12+12	Wall	Wall	Duct	Duct	5.43	9.49	9.49	9.49	33.90	10.00 ~ 35.80	3230	670 ~ 3440	15.8	3.3 ~ 16.9	98	
07+12+12+12	Wall	Duct	Duct	Duct	5.27	9.21	9.21	9.21	32.90	9.90 ~ 34.70	3140	730 ~ 3410	15.4	3.6 ~ 16.7	98	
07+12+12+15	Wall	Wall	Wall	Wall	5.14	9.00	9.00	12.86	36.00	10.40 ~ 38.00	3270	490 ~ 3410	16.0	2.4 ~ 16.7	98	
07+12+12+15	Wall	Wall	Wall	Duct	4.99	8.75	8.75	12.50	35.00	10.30 ~ 37.00	3310	670 ~ 3450	16.2	3.3 ~ 16.9	98	
07+12+12+15	Wall	Wall	Duct	Wall	5.00	8.75	8.75	12.50	35.00	10.40 ~ 37.00	3100	560 ~ 3380	15.2	2.7 ~ 16.6	98	
07+12+12+15	Wall	Wall	Duct	Duct	4.87	8.53	8.53	12.18	34.10	10.20 ~ 35.90	3220	740 ~ 3430	15.8	3.6 ~ 16.8	98	
07+12+12+15	Wall	Duct	Duct	Wall	4.88	8.53	8.53	12.18	34.10	10.30 ~ 35.90	3010	620 ~ 3360	14.8	3.0 ~ 16.5	98	
07+12+12+15	Wall	Duct	Duct	Duct	4.72	8.28	8.28	11.82	33.10	10.20 ~ 34.90	3130	800 ~ 3400	15.4	3.9 ~ 16.7	98	
09+09+09+09	Wall	Wall	Wall	Wall	9.00	9.00	9.00	9.00	36.00	10.10 ~ 38.00	3280	590 ~ 3420	16.1	2.9 ~ 16.8	98	
09+09+09+09	Wall	Wall	Wall	Duct	8.70	8.70	8.70	8.70	34.80	10.00 ~ 36.80	3250	610 ~ 3390	15.9	3.0 ~ 16.6	98	
09+09+09+09	Wall	Wall	Duct	Duct	8.38	8.38	8.38	8.38	33.50	10.00 ~ 35.50	3100	670 ~ 3440	15.2	3.3 ~ 16.9	98	
09+09+09+09	Wall	Duct	Duct	Duct	8.08	8.08	8.08	8.08	32.30	9.90 ~ 34.30	3010	730 ~ 3350	14.8	3.6 ~ 16.4	98	
09+09+09+09	Duct	Duct	Duct	Duct	7.75	7.75	7.75	7.75	31.00	9.90 ~ 32.98	3820	820 ~ 3870	18.7	4.0 ~ 19.0	98	
09+09+09+12	Wall	Wall	Wall	Wall	8.18	8.18	8.18	11.45	36.00	10.10 ~ 38.00	3420	550 ~ 3420	16.8	2.7 ~ 16.8	98	
09+09+09+12	Wall	Wall	Wall	Duct	7.91	7.91	7.91	11.07	34.80	10.00 ~ 36.80	3250	610 ~ 3390	15.9	3.0 ~ 16.6	98	
09+09+09+12	Wall	Wall	Duct	Wall	7.91	7.91	7.91	11.07	34.80	10.10 ~ 36.80	3260	610 ~ 3400	16.0	3.0 ~ 16.7	98	
09+09+09+12	Wall	Wall	Duct	Duct	7.66	7.66	7.66	10.72	33.70	10.00 ~ 35.70	3160	670 ~ 3440	15.5	3.3 ~ 16.9	98	
09+09+09+12	Wall	Duct	Duct	Wall	7.66	7.66	7.66	10.72	33.70	10.00 ~ 35.70	3170	670 ~ 3450	15.6	3.3 ~ 16.9	98	
09+09+09+12	Wall	Duct	Duct	Duct	7.39	7.39	7.39	10.34	32.50	9.90 ~ 34.50	3010	730 ~ 3420	14.8	3.6 ~ 16.8	98	
09+09+09+12	Duct	Duct	Duct	Wall	7.39	7.39	7.39	10.34	32.50	10.00 ~ 34.50	3020	720 ~ 3350	14.8	3.5 ~ 16.4	98	
09+09+09+12	Duct	Duct	Duct	Duct	7.11	7.11	7.11	9.96	31.30	9.90 ~ 33.30	2930	780 ~ 3260	14.4	3.8 ~ 16.0	98	
09+09+09+15	Wall	Wall	Wall	Wall	7.20	7.20	7.20	14.40	36.00	10.40 ~ 38.00	3260	500 ~ 3400	16.0	2.5 ~ 16.7	98	
09+09+09+15	Wall	Wall	Wall	Duct	6.98	6.98	6.98	13.96	34.90	10.30 ~ 36.90	3310	680 ~ 3450	16.2	3.3 ~ 16.9	98	
09+09+09+15	Wall	Wall	Duct	Wall	6.98	6.98	6.98	13.96	34.90	10.40 ~ 36.90	3100	560 ~ 3380	15.2	2.7 ~ 16.6	98	
09+09+09+15	Wall	Wall	Duct	Duct	6.78	6.78	6.78	13.56	33.90	10.20 ~ 35.80	3150	740 ~ 3430	15.5	3.6 ~ 16.8	98	
09+09+09+15	Wall	Duct	Duct	Wall	6.78	6.78	6.78	13.56	33.90	10.40 ~ 35.80	2950	620 ~ 3430	14.5	3.0 ~ 16.8	98	
09+09+09+15	Wall	Duct	Duct	Duct	6.56	6.56	6.56	13.12	32.80	10.20 ~ 34.60	3070	800 ~ 3340	15.1	3.9 ~ 16.4	98	
09+09+09+15	Duct	Duct	Duct	Wall	6.56	6.56	6.56	13.12	32.80	10.30 ~ 34.60	2870	680 ~ 3200	14.1	3.3 ~ 15.7	98	
09+09+09+15	Duct	Duct	Duct	Duct	6.34	6.34	6.34	12.68	31.70	10.10 ~ 33.50	2920	860 ~ 3250	14.3	4.2 ~ 15.9	98	
09+09+09+18	Wall	Wall	Wall	Wall	6.67	6.67	6.67	16.00	36.00	10.40 ~ 38.00	3260	490 ~ 3410	16.0	2.4 ~ 16.7	98	
09+09+09+18	Wall	Wall	Wall	Duct	6.48	6.48	6.48	15.56	35.00	10.30 ~ 37.00	3300	670 ~ 3440	16.2	3.3 ~ 16.9	98	
09+09+09+18	Wall	Wall	Duct	Wall	6.48	6.48	6.48	15.56	35.00	10.40 ~ 37.00	3100	560 ~ 3380	15.2	2.7 ~ 16.6	98	
09+09+09+18	Wall	Wall	Duct	Duct	6.30	6.30	6.30	15.11	34.00	10.20 ~ 35.90	3140	730 ~ 3410	15.4	3.6 ~ 16.7	98	
09+09+09+18	Wall	Duct	Duct	Wall	6.30	6.30	6.30	15.11	34.00	10.40 ~ 35.90	2950	620 ~ 3360	14.5	3.0 ~ 16.5	98	
09+09+09+18	Wall	Duct	Duct	Duct	6.11	6.11	6.11	14.67	33.00	10.20 ~ 34.90	3060	790 ~ 3390	15.0	3.9 ~ 16.6	98	
09+09+09+18	Duct	Duct	Duct	Wall	6.11	6.11	6.11	14.67	33.00	10.30 ~ 34.90	2870	680 ~ 3200	14.1	3.3 ~ 15.7	98	
09+09+09+18	Duct	Duct	Duct	Duct	5.93	5.93	5.93	14.22	32.00	10.10 ~ 33.80	2970	840 ~ 3300	14.6	4.1 ~ 16.2	98	
09+09+12+12	Wall	Wall	Wall	Wall	7.50	7.50	10.50	10.50	36.00	10.20 ~ 38.00	3430	550 ~ 3430	16.8	2.7 ~ 16.8	98	
09+09+12+12	Wall	Wall	Wall	Duct	7.27	7.27	10.18	10.18	34.90	10.10 ~ 36.90	3260	610 ~ 3400	16.0	3.0 ~ 16.7	98	
09+09+12+12	Wall	Wall	Duct	Duct	7.06	7.06	9.89	9.89	33.90	10.00 ~ 35.80	3230	670 ~ 3440	15.8	3.3 ~ 16.9	98	
09+09+12+12	Wall	Duct	Wall	Wall	7.27	7.27	10.18	10.18	34.90	10.10 ~ 36.90	3260	610 ~ 3400	16.0	3.0 ~ 16.7	98	
09+09+12+12	Wall	Duct	Wall	Duct	7.06	7.06	9.89	9.89	33.90	10.00 ~ 35.80	3170	670 ~ 3450	15.6	3.3 ~ 16.9	98	
09+09+12+12	Wall	Duct	Duct	Duct	6.83	6.83	9.57	9.57	32.80	9.90 ~ 34.60	3080	730 ~ 3420	15.1	3.6 ~ 16.8	98	
09+09+12+12	Duct	Duct	Wall	Wall	7.06	7.06	9.89	9.89	33.90	10.10 ~ 35.80	3170	660 ~ 3450	15.6	3.2 ~ 16.9	98	
09+09+12+12	Duct	Duct	Wall	Duct	6.83	6.83	9.57	9.57	32.80	10.00 ~ 34.60	3080	720 ~ 3420	15.1	3.5 ~ 16.8	98	
09+09+12+12	Duct	Duct	Duct	Duct	6.60	6.60	9.25	9.25	31.70	9.90 ~ 33.50	2990	780 ~ 3330	14.7	3.8 ~ 16.3	98	
09+09+12+15	Wall	Wall	Wall	Wall	6.67	6.67	9.34	13.33	36.00	10.40 ~ 38.00	3270	490 ~ 3410	16.0	2.4 ~ 16.7	98	
09+09+12+15	Wall	Wall	Wall	Duct	6.48	6.48	9.07	12.96	35.00	10.30 ~ 37.00	3310	680 ~ 3450	16.2	3.3 ~ 16.9	98	
09+09+12+15	Wall	Wall	Duct	Wall	6.48	6.48	9.07	12.96	35.00	10.40 ~ 37.00	3100	560 ~ 3380	15.2	2.7 ~ 16.6	98	
09+09+12+15	Wall	Wall	Duct	Duct	6.30	6.30	8.81	12.59	34.00	10.20 ~ 35.90	3150	740 ~ 3430	15.5	3.6 ~ 16.8	98	
09+09+12+15	Wall	Duct	Wall	Wall	6.48	6.48	9.07	12.96	35.00	10.40 ~ 37.00	3110	550 ~ 3380	15.3	2.7 ~ 16.6	98	
09+09+12+15	Wall	Duct	Wall	Duct	6.30	6.30	8.81	12.59	34.00	10.20 ~ 35.90	3160	730 ~ 3430	15.5	3.6 ~ 16.8	98	
09+09+12+15	Wall	Duct	Duct	Wall	6.30	6.30	8.81	12.59	34.00	10.40 ~ 35.90	3020	620 ~ 3360	14.8	3.0 ~ 16.5	98	

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
09+09+12+15	Wall	Duct	Duct	Duct	6.11	6.11	8.56	12.22	33.00	10.20 ~ 34.90	3070	800 ~ 3400	15.1	3.9 ~ 16.7	98	
09+09+12+15	Duct	Duct	Wall	Wall	6.30	6.30	8.81	12.59	34.00	10.40 ~ 35.90	2950	610 ~ 3360	14.5	3.0 ~ 16.5	98	
09+09+12+15	Duct	Duct	Wall	Duct	6.11	6.11	8.56	12.22	33.00	10.20 ~ 34.90	3070	790 ~ 3410	15.1	3.9 ~ 16.7	98	
09+09+12+15	Duct	Duct	Duct	Wall	6.11	6.11	8.56	12.22	33.00	10.30 ~ 34.90	2870	680 ~ 3270	14.1	3.3 ~ 16.0	98	
09+09+12+15	Duct	Duct	Duct	Duct	5.93	5.93	8.29	11.85	32.00	10.10 ~ 33.80	2990	860 ~ 3320	14.7	4.2 ~ 16.3	98	
09+09+12+18	Wall	Wall	Wall	Wall	6.21	6.21	8.70	14.90	36.00	10.40 ~ 38.00	3270	490 ~ 3410	16.0	2.4 ~ 16.7	98	
09+09+12+18	Wall	Wall	Wall	Duct	6.05	6.05	8.47	14.52	35.10	10.30 ~ 37.00	3300	660 ~ 3440	16.2	3.2 ~ 16.9	98	
09+09+12+18	Wall	Wall	Duct	Wall	6.05	6.05	8.47	14.52	35.10	10.40 ~ 37.00	3100	560 ~ 3380	15.2	2.7 ~ 16.6	98	
09+09+12+18	Wall	Wall	Duct	Duct	5.90	5.90	8.26	14.15	34.20	10.20 ~ 36.00	3210	730 ~ 3410	15.7	3.6 ~ 16.7	98	
09+09+12+18	Wall	Duct	Wall	Wall	6.05	6.05	8.47	14.52	35.10	10.40 ~ 37.00	3110	550 ~ 3390	15.3	2.7 ~ 16.6	98	
09+09+12+18	Wall	Duct	Wall	Duct	5.90	5.90	8.26	14.15	34.20	10.20 ~ 36.00	3210	720 ~ 3420	15.7	3.5 ~ 16.8	98	
09+09+12+18	Wall	Duct	Duct	Wall	5.90	5.90	8.26	14.15	34.20	10.40 ~ 36.00	3020	620 ~ 3360	14.8	3.0 ~ 16.5	98	
09+09+12+18	Wall	Duct	Duct	Duct	5.72	5.72	8.01	13.74	33.20	10.20 ~ 35.00	3120	790 ~ 3460	15.3	3.9 ~ 17.0	98	
09+09+12+18	Duct	Duct	Wall	Wall	5.90	5.90	8.26	14.15	34.20	10.40 ~ 36.00	3020	610 ~ 3360	14.8	3.0 ~ 16.5	98	
09+09+12+18	Duct	Duct	Wall	Duct	5.72	5.72	8.01	13.74	33.20	10.20 ~ 35.00	3060	780 ~ 3400	15.0	3.8 ~ 16.7	98	
09+09+12+18	Duct	Duct	Duct	Wall	5.72	5.72	8.01	13.74	33.20	10.30 ~ 35.00	2940	680 ~ 3270	14.4	3.3 ~ 16.0	98	
09+09+12+18	Duct	Duct	Duct	Duct	5.57	5.57	7.79	13.37	32.30	10.10 ~ 34.00	3040	840 ~ 3300	14.9	4.1 ~ 16.2	98	
09+09+15+15	Wall	Wall	Wall	Wall	6.00	6.00	12.00	12.00	36.00	10.40 ~ 38.00	3300	410 ~ 3440	16.2	2.0 ~ 16.9	98	
09+09+15+15	Wall	Wall	Wall	Duct	5.85	5.85	11.70	11.70	35.10	10.40 ~ 37.00	3150	610 ~ 3430	15.5	3.0 ~ 16.8	98	
09+09+15+15	Wall	Wall	Duct	Duct	5.70	5.70	11.40	11.40	34.20	10.40 ~ 36.00	3200	800 ~ 3410	15.7	3.9 ~ 16.7	98	
09+09+15+15	Wall	Duct	Wall	Wall	5.85	5.85	11.70	11.70	35.10	10.40 ~ 37.00	2900	550 ~ 3460	14.2	2.7 ~ 17.0	98	
09+09+15+15	Wall	Duct	Wall	Duct	5.70	5.70	11.40	11.40	34.20	10.40 ~ 36.00	3060	670 ~ 3400	15.0	3.3 ~ 16.7	98	
09+09+15+15	Wall	Duct	Duct	Duct	5.53	5.53	11.07	11.07	33.20	10.30 ~ 35.00	3120	860 ~ 3460	15.3	4.2 ~ 17.0	98	
09+09+15+15	Duct	Duct	Wall	Wall	5.70	5.70	11.40	11.40	34.20	10.40 ~ 36.00	2920	540 ~ 3330	14.3	2.6 ~ 16.3	98	
09+09+15+15	Duct	Duct	Wall	Duct	5.53	5.53	11.07	11.07	33.20	10.40 ~ 35.00	2920	740 ~ 3250	14.3	3.6 ~ 15.9	98	
09+09+15+15	Duct	Duct	Duct	Duct	5.38	5.38	10.77	10.77	32.30	10.30 ~ 34.00	3040	920 ~ 3300	14.9	4.5 ~ 16.2	98	
09+12+12+12	Wall	Wall	Wall	Wall	6.93	9.69	9.69	9.69	36.00	10.20 ~ 38.00	3430	540 ~ 3430	16.8	2.6 ~ 16.8	98	
09+12+12+12	Wall	Wall	Wall	Duct	6.72	9.42	9.42	9.42	35.00	10.10 ~ 37.00	3260	610 ~ 3400	16.0	3.0 ~ 16.7	98	
09+12+12+12	Wall	Wall	Duct	Duct	6.54	9.15	9.15	9.15	34.00	10.00 ~ 35.90	3170	670 ~ 3450	15.6	3.3 ~ 16.9	98	
09+12+12+12	Wall	Duct	Duct	Duct	6.35	8.88	8.88	8.88	33.00	9.90 ~ 34.90	3140	730 ~ 3420	15.4	3.6 ~ 16.8	98	
09+12+12+12	Duct	Wall	Wall	Wall	6.72	9.42	9.42	9.42	35.00	10.10 ~ 37.00	3270	600 ~ 3410	16.0	2.9 ~ 16.7	98	
09+12+12+12	Duct	Wall	Wall	Duct	6.54	9.15	9.15	9.15	34.00	10.10 ~ 35.90	3170	660 ~ 3450	15.6	3.2 ~ 16.9	98	
09+12+12+12	Duct	Wall	Duct	Duct	6.35	8.88	8.88	8.88	33.00	10.00 ~ 34.90	3080	720 ~ 3420	15.1	3.5 ~ 16.8	98	
09+12+12+12	Duct	Duct	Duct	Duct	6.16	8.62	8.62	8.62	32.00	9.90 ~ 33.80	3060	780 ~ 3330	15.0	3.8 ~ 16.3	98	
09+12+12+15	Wall	Wall	Wall	Wall	6.21	8.69	8.69	12.41	36.00	10.40 ~ 38.00	3270	490 ~ 3410	16.0	2.4 ~ 16.7	98	
09+12+12+15	Wall	Wall	Wall	Duct	6.05	8.47	8.47	12.10	35.10	10.30 ~ 37.00	3320	670 ~ 3390	16.3	3.3 ~ 16.6	98	
09+12+12+15	Wall	Wall	Duct	Wall	6.05	8.47	8.47	12.10	35.10	10.40 ~ 37.00	3110	550 ~ 3380	15.3	2.7 ~ 16.6	98	
09+12+12+15	Wall	Wall	Duct	Duct	5.90	8.26	8.26	11.79	34.20	10.20 ~ 36.00	3220	730 ~ 3430	15.8	3.6 ~ 16.8	98	
09+12+12+15	Wall	Duct	Duct	Wall	5.90	8.26	8.26	11.79	34.20	10.40 ~ 36.00	3020	620 ~ 3430	14.8	3.0 ~ 16.8	98	
09+12+12+15	Wall	Duct	Duct	Duct	5.72	8.01	8.01	11.45	33.20	10.20 ~ 35.00	3130	800 ~ 3400	15.4	3.9 ~ 16.7	98	
09+12+12+15	Duct	Wall	Wall	Wall	6.05	8.47	8.47	12.10	35.10	10.40 ~ 37.00	3110	550 ~ 3390	15.3	2.7 ~ 16.6	98	
09+12+12+15	Duct	Wall	Wall	Duct	5.90	8.26	8.26	11.79	34.20	10.30 ~ 36.00	3160	730 ~ 3430	15.5	3.6 ~ 16.8	98	
09+12+12+15	Duct	Wall	Duct	Wall	5.90	8.26	8.26	11.79	34.20	10.40 ~ 36.00	3020	610 ~ 3360	14.8	3.0 ~ 16.5	98	
09+12+12+15	Duct	Wall	Duct	Duct	5.72	8.01	8.01	11.45	33.20	10.20 ~ 35.00	3070	790 ~ 3410	15.1	3.9 ~ 16.7	98	
09+12+12+15	Duct	Duct	Duct	Wall	5.72	8.01	8.01	11.45	33.20	10.30 ~ 35.00	2930	680 ~ 3270	14.4	3.3 ~ 16.0	98	
09+12+12+15	Duct	Duct	Duct	Duct	5.57	7.80	7.80	11.14	32.30	10.10 ~ 34.00	3050	860 ~ 3320	15.0	4.2 ~ 16.3	98	
12+12+12+12	Wall	Wall	Wall	Wall	9.00	9.00	9.00	9.00	36.00	10.20 ~ 38.00	3370	540 ~ 3440	16.5	2.6 ~ 16.9	98	
12+12+12+12	Wall	Wall	Wall	Duct	8.78	8.78	8.78	8.78	35.10	10.10 ~ 37.00	3270	600 ~ 3410	16.0	2.9 ~ 16.7	98	
12+12+12+12	Wall	Wall	Duct	Duct	8.55	8.55	8.55	8.55	34.20	10.10 ~ 36.00	3240	660 ~ 3450	15.9	3.2 ~ 16.9	98	
12+12+12+12	Wall	Duct	Duct	Duct	8.30	8.30	8.30	8.30	33.20	10.00 ~ 35.00	3150	720 ~ 3420	15.5	3.5 ~ 16.8	98	
12+12+12+12	Duct	Duct	Duct	Duct	8.08	8.08	8.08	8.08	32.30	9.90 ~ 34.00	3060	780 ~ 3390	15.0	3.8 ~ 16.6	98	

- Notes:**
1. Cooling capacity is based on 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB) (Indoor temperature), 95°FDB (35°CDB) / 75°FWB (24°CWB) (Outdoor temperature).
Heating capacity is based on 70°FDB (21°CDB) / 60°FWB (15.6°CWB) (Indoor temperature), 47°FDB (8.3°CDB) / 43°FWB (6°CWB) (Outdoor temperature).
 2. The total ability of connected indoor units is up to 48.0 kBTu/h.
 3. It is impossible to connect the indoor unit for one room only.
 4. The above is the value for connecting with the following indoor units.
7.0 kBTU/h class; wall mount type L series
9.0 kBTU/h class; wall mount type L series or Duct type L series
12.0 kBTU/h class; wall mount type L series or Duct type L series
15.0 kBTU/h class; wall mount type L series or Duct type L series
18.0 kBTU/h class; wall mount type L series or Duct type L series
24.0 kBTU/h class; wall mount type L series or Duct type L series

C: 3D093902
C: 3D093903
C: 3D093904
C: 3D093905
C: 3D093906
C: 3D093909
C: 3D093910
C: 3D093911
C: 3D093912
C: 3D093913
C: 3D093914
C: 3D093915
C: 3D093916
C: 3D093917

Heating [60 Hz, 208 V]

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
07	Wall	—	—	—	8.80	—	—	—	8.80	8.30 ~ 9.70	420	380 ~ 490	2.1	1.9 ~ 2.4	98	
09	Wall	—	—	—	11.30	—	—	—	11.30	11.20 ~ 12.50	620	590 ~ 690	3.0	2.9 ~ 3.4	98	
09	Duct	—	—	—	10.70	—	—	—	10.70	10.60 ~ 12.50	620	580 ~ 750	3.0	2.8 ~ 3.7	98	
12	Wall	—	—	—	15.00	—	—	—	15.00	11.10 ~ 16.70	860	580 ~ 1000	4.2	2.8 ~ 4.9	98	
12	Duct	—	—	—	14.30	—	—	—	14.30	11.60 ~ 16.70	880	670 ~ 1150	4.3	3.3 ~ 5.6	98	
15	Wall	—	—	—	18.80	—	—	—	18.80	10.50 ~ 20.80	1010	540 ~ 1140	5.0	2.6 ~ 5.6	98	
15	Duct	—	—	—	17.00	—	—	—	17.00	11.20 ~ 20.80	1180	730 ~ 1560	5.8	3.6 ~ 7.7	98	
18	Wall	—	—	—	22.50	—	—	—	22.50	10.50 ~ 25.00	1260	540 ~ 1450	6.2	2.6 ~ 7.1	98	
18	Duct	—	—	—	19.70	—	—	—	19.70	11.20 ~ 25.00	1420	720 ~ 2020	7.0	3.5 ~ 9.9	98	
24	Wall	—	—	—	27.00	—	—	—	27.00	10.30 ~ 34.40	1570	530 ~ 2310	7.7	2.6 ~ 11.3	98	
24	Duct	—	—	—	25.00	—	—	—	25.00	11.10 ~ 29.70	1950	700 ~ 2550	9.6	3.4 ~ 12.5	98	
07+07	Wall	Wall	—	—	8.75	8.75	—	—	17.50	10.40 ~ 19.40	870	530 ~ 990	4.3	2.6 ~ 4.9	98	
07+09	Wall	Wall	—	—	8.89	11.11	—	—	20.00	10.30 ~ 22.20	990	520 ~ 1150	4.9	2.6 ~ 5.6	98	
07+09	Wall	Duct	—	—	8.44	10.56	—	—	19.00	10.60 ~ 22.20	1070	590 ~ 1300	5.2	2.9 ~ 6.4	98	
07+12	Wall	Wall	—	—	8.47	14.83	—	—	23.30	10.20 ~ 26.60	1180	520 ~ 1460	5.8	2.6 ~ 7.2	98	
07+12	Wall	Duct	—	—	7.96	13.94	—	—	21.90	10.60 ~ 26.20	1270	590 ~ 1650	6.2	2.9 ~ 8.1	98	
07+15	Wall	Wall	—	—	7.29	18.21	—	—	25.50	9.80 ~ 31.30	1230	480 ~ 1690	6.0	2.4 ~ 8.3	98	
07+15	Wall	Duct	—	—	6.97	17.43	—	—	24.40	10.30 ~ 29.70	1460	670 ~ 1930	7.2	3.3 ~ 9.5	98	
07+18	Wall	Wall	—	—	6.95	20.85	—	—	27.80	9.70 ~ 36.00	1390	480 ~ 2100	6.8	2.4 ~ 10.3	98	
07+18	Wall	Duct	—	—	6.68	20.02	—	—	26.70	10.30 ~ 33.20	1640	660 ~ 2270	8.0	3.2 ~ 11.1	98	
07+24	Wall	Wall	—	—	7.10	25.20	—	—	32.30	9.60 ~ 39.80	1740	470 ~ 2480	8.5	2.3 ~ 12.2	98	
07+24	Wall	Duct	—	—	6.68	23.71	—	—	30.40	10.20 ~ 37.30	1910	640 ~ 2700	9.4	3.1 ~ 13.2	98	
09+09	Wall	Wall	—	—	11.25	11.25	—	—	22.50	10.20 ~ 25.00	1150	520 ~ 1320	5.6	2.6 ~ 6.5	98	
09+09	Wall	Duct	—	—	11.15	11.15	—	—	22.30	10.50 ~ 25.00	1270	590 ~ 1480	6.2	2.9 ~ 7.3	98	
09+09	Duct	Duct	—	—	11.05	11.05	—	—	22.10	10.80 ~ 25.00	1440	660 ~ 1680	7.1	3.2 ~ 8.2	98	
09+12	Wall	Wall	—	—	10.33	14.47	—	—	24.80	10.10 ~ 29.70	1290	510 ~ 1660	6.3	2.5 ~ 8.1	98	
09+12	Wall	Duct	—	—	9.83	13.77	—	—	23.60	10.50 ~ 28.50	1370	590 ~ 1810	6.7	2.9 ~ 8.9	98	
09+12	Duct	Wall	—	—	9.83	13.77	—	—	23.60	10.40 ~ 28.50	1340	580 ~ 1760	6.6	2.8 ~ 8.6	98	
09+12	Duct	Duct	—	—	9.29	13.00	—	—	22.30	10.80 ~ 27.30	1440	660 ~ 1940	7.1	3.2 ~ 9.5	98	
09+15	Wall	Wall	—	—	9.00	18.00	—	—	27.00	9.70 ~ 34.40	1310	480 ~ 1960	6.4	2.4 ~ 9.6	98	
09+15	Wall	Duct	—	—	8.67	17.33	—	—	26.00	10.20 ~ 32.10	1540	660 ~ 2100	7.6	3.2 ~ 10.3	98	
09+15	Duct	Wall	—	—	8.67	17.33	—	—	26.00	9.90 ~ 32.10	1350	550 ~ 1870	6.6	2.7 ~ 9.2	98	
09+15	Duct	Duct	—	—	8.33	16.67	—	—	25.00	10.50 ~ 30.80	1630	730 ~ 2080	8.0	3.6 ~ 10.2	98	
09+18	Wall	Wall	—	—	8.62	20.68	—	—	29.30	9.70 ~ 37.30	1480	480 ~ 2210	7.3	2.4 ~ 10.8	98	
09+18	Wall	Duct	—	—	8.21	19.69	—	—	27.90	10.20 ~ 34.70	1680	650 ~ 2410	8.2	3.2 ~ 11.8	98	
09+18	Duct	Wall	—	—	8.21	19.69	—	—	27.90	9.90 ~ 34.70	1480	540 ~ 2120	7.3	2.6 ~ 10.4	98	
09+18	Duct	Duct	—	—	7.79	18.71	—	—	26.50	10.50 ~ 32.00	1780	720 ~ 2350	8.7	3.5 ~ 11.5	98	
09+24	Wall	Wall	—	—	8.80	25.00	—	—	33.80	9.60 ~ 41.10	1850	470 ~ 2620	9.1	2.3 ~ 12.9	98	
09+24	Wall	Duct	—	—	8.26	23.44	—	—	31.70	10.10 ~ 38.60	2000	630 ~ 2800	9.8	3.1 ~ 13.7	98	
09+24	Duct	Wall	—	—	8.26	23.44	—	—	31.70	9.80 ~ 38.60	1780	540 ~ 2490	8.7	2.6 ~ 12.2	98	
09+24	Duct	Duct	—	—	7.68	21.82	—	—	29.50	10.40 ~ 36.00	1980	700 ~ 2780	9.7	3.4 ~ 13.6	98	
12+12	Wall	Wall	—	—	13.50	13.50	—	—	27.00	10.00 ~ 34.40	1400	500 ~ 2090	6.9	2.5 ~ 10.3	98	
12+12	Duct	Wall	—	—	17.40	17.40	—	—	34.80	10.40 ~ 34.80	2440	580 ~ 2490	12.0	2.8 ~ 12.2	98	
12+12	Duct	Duct	—	—	15.90	15.90	—	—	31.80	10.80 ~ 31.80	2470	660 ~ 2520	12.1	3.2 ~ 12.4	98	
12+15	Wall	Wall	—	—	12.06	17.24	—	—	29.30	9.60 ~ 37.30	1470	480 ~ 2210	7.2	2.4 ~ 10.8	98	
12+15	Wall	Duct	—	—	11.49	16.41	—	—	27.90	10.10 ~ 34.70	1650	650 ~ 2320	8.1	3.2 ~ 11.4	98	
12+15	Duct	Wall	—	—	11.49	16.41	—	—	27.90	9.90 ~ 34.70	1490	550 ~ 2130	7.3	2.7 ~ 10.4	98	
12+15	Duct	Duct	—	—	10.91	15.59	—	—	26.50	10.50 ~ 32.00	1790	730 ~ 2360	8.8	3.6 ~ 11.6	98	
12+18	Wall	Wall	—	—	11.61	19.89	—	—	31.50	9.60 ~ 39.20	1650	470 ~ 2430	8.1	2.3 ~ 11.9	98	
12+18	Wall	Duct	—	—	10.98	18.82	—	—	29.80	10.10 ~ 36.60	1840	640 ~ 2550	9.0	3.1 ~ 12.5	98	
12+18	Duct	Wall	—	—	10.98	18.82	—	—	29.80	9.90 ~ 36.60	1620	540 ~ 2300	7.9	2.6 ~ 11.3	98	
12+18	Duct	Duct	—	—	10.32	17.68	—	—	28.00	10.50 ~ 34.00	1900	720 ~ 2590	9.3	3.5 ~ 12.7	98	
12+24	Wall	Wall	—	—	11.89	24.11	—	—	36.00	9.50 ~ 43.00	2050	470 ~ 2860	10.1	2.3 ~ 14.0	98	
12+24	Wall	Duct	—	—	11.06	22.44	—	—	33.50	10.00 ~ 40.50	2130	630 ~ 3020	10.4	3.1 ~ 14.8	98	
12+24	Duct	Wall	—	—	11.06	22.44	—	—	33.50	9.80 ~ 40.50	1940	540 ~ 2680	9.5	2.6 ~ 13.1	98	
12+24	Duct	Duct	—	—	10.24	20.76	—	—	31.00	10.40 ~ 38.00	2150	700 ~ 3050	10.5	3.4 ~ 15.0	98	
15+15	Wall	Wall	—	—	15.75	15.75	—	—	31.50	9.30 ~ 39.20	1660	450 ~ 2420	8.1	2.2 ~ 11.9	98	
15+15	Duct	Wall	—	—	14.90	14.90	—	—	29.80	9.70 ~ 36.60	1670	620 ~ 2320	8.2	3.0 ~ 11.4	98	

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
09+09+12+15	Duct	Duct	Wall	Wall	6.28	6.28	8.79	12.57	33.90	9.00 ~ 40.50	2390	530 ~ 3120	11.7	2.6 ~ 15.3	98	
09+09+12+15	Duct	Duct	Wall	Duct	6.09	6.09	8.53	12.20	32.90	9.20 ~ 39.30	2110	690 ~ 2760	10.4	3.4 ~ 13.5	98	
09+09+12+15	Duct	Duct	Duct	Wall	6.09	6.09	8.53	12.20	32.90	9.10 ~ 39.30	2090	590 ~ 2740	10.3	2.9 ~ 13.4	98	
09+09+12+15	Duct	Duct	Duct	Duct	5.89	5.89	8.24	11.78	31.80	9.40 ~ 38.00	1980	760 ~ 2570	9.7	3.7 ~ 12.6	98	
09+09+12+18	Wall	Wall	Wall	Wall	6.21	6.21	8.70	14.90	36.00	9.00 ~ 43.00	3200	420 ~ 3540	15.7	2.1 ~ 17.4	98	
09+09+12+18	Wall	Wall	Wall	Duct	6.03	6.03	8.45	14.48	35.00	9.00 ~ 41.80	2490	560 ~ 3270	12.2	2.7 ~ 16.0	98	
09+09+12+18	Wall	Wall	Duct	Wall	6.03	6.03	8.45	14.48	35.00	9.00 ~ 41.80	2690	470 ~ 3480	13.2	2.3 ~ 17.1	98	
09+09+12+18	Wall	Wall	Duct	Duct	5.86	5.86	8.21	14.07	34.00	9.10 ~ 40.50	2240	620 ~ 2900	11.0	3.0 ~ 14.2	98	
09+09+12+18	Wall	Duct	Wall	Wall	6.03	6.03	8.45	14.48	35.00	9.00 ~ 41.80	2760	470 ~ 3550	13.5	2.3 ~ 17.4	98	
09+09+12+18	Wall	Duct	Wall	Duct	5.86	5.86	8.21	14.07	34.00	9.10 ~ 40.50	2270	620 ~ 2930	11.1	3.0 ~ 14.4	98	
09+09+12+18	Wall	Duct	Duct	Wall	5.86	5.86	8.21	14.07	34.00	9.00 ~ 40.50	2370	530 ~ 3090	11.6	2.6 ~ 15.2	98	
09+09+12+18	Wall	Duct	Duct	Duct	5.69	5.69	7.97	13.66	33.00	9.30 ~ 39.30	2080	680 ~ 2680	10.2	3.3 ~ 13.1	98	
09+09+12+18	Duct	Duct	Wall	Wall	5.86	5.86	8.21	14.07	34.00	9.00 ~ 40.50	2420	530 ~ 3150	11.9	2.6 ~ 15.5	98	
09+09+12+18	Duct	Duct	Wall	Duct	5.69	5.69	7.97	13.66	33.00	9.20 ~ 39.30	2100	680 ~ 2750	10.3	3.3 ~ 13.5	98	
09+09+12+18	Duct	Duct	Duct	Wall	5.69	5.69	7.97	13.66	33.00	9.10 ~ 39.30	2150	590 ~ 2760	10.5	2.9 ~ 13.5	98	
09+09+12+18	Duct	Duct	Duct	Duct	5.52	5.52	7.71	13.24	32.00	9.40 ~ 38.00	2010	750 ~ 2560	9.9	3.7 ~ 12.6	98	
09+09+15+15	Wall	Wall	Wall	Wall	6.00	6.00	12.00	12.00	36.00	9.00 ~ 42.95	3540	420 ~ 3970	17.4	2.1 ~ 19.5	98	
09+09+15+15	Wall	Wall	Wall	Duct	5.83	5.83	11.67	11.67	35.00	9.00 ~ 41.80	2980	560 ~ 3540	14.6	2.7 ~ 17.4	98	
09+09+15+15	Wall	Wall	Duct	Duct	5.67	5.67	11.33	11.33	34.00	9.10 ~ 40.50	2510	720 ~ 3520	12.3	3.5 ~ 17.3	98	
09+09+15+15	Wall	Duct	Wall	Wall	5.83	5.83	11.67	11.67	35.00	9.00 ~ 41.80	2720	470 ~ 3520	13.3	2.3 ~ 17.3	98	
09+09+15+15	Wall	Duct	Wall	Duct	5.67	5.67	11.33	11.33	34.00	9.00 ~ 40.50	2660	620 ~ 3390	13.0	3.0 ~ 16.6	98	
09+09+15+15	Wall	Duct	Duct	Duct	5.50	5.50	11.00	11.00	33.00	9.10 ~ 39.30	2260	780 ~ 2910	11.1	3.8 ~ 14.3	98	
09+09+15+15	Duct	Duct	Wall	Wall	5.67	5.67	11.33	11.33	34.00	9.00 ~ 40.50	2910	520 ~ 3520	14.3	2.6 ~ 17.3	98	
09+09+15+15	Duct	Duct	Wall	Duct	5.50	5.50	11.00	11.00	33.00	9.00 ~ 39.30	2350	680 ~ 3010	11.5	3.3 ~ 14.8	98	
09+09+15+15	Duct	Duct	Duct	Duct	5.33	5.33	10.67	10.67	32.00	9.30 ~ 38.00	2150	840 ~ 2690	10.5	4.1 ~ 13.2	98	
09+12+12+12	Wall	Wall	Wall	Wall	6.91	6.99	9.69	9.69	36.00	9.00 ~ 43.00	2660	420 ~ 3510	13.0	2.1 ~ 17.2	98	
09+12+12+12	Wall	Wall	Wall	Duct	6.73	9.42	9.42	9.42	35.00	9.10 ~ 41.80	2310	480 ~ 3040	11.3	2.4 ~ 14.9	98	
09+12+12+12	Wall	Wall	Duct	Duct	6.52	9.13	9.13	9.13	33.90	9.20 ~ 40.50	2050	550 ~ 2710	10.1	2.7 ~ 13.3	98	
09+12+12+12	Wall	Duct	Duct	Duct	6.32	8.86	8.86	8.86	32.90	9.40 ~ 39.30	1920	610 ~ 2560	9.4	3.0 ~ 12.6	98	
09+12+12+12	Duct	Wall	Wall	Wall	6.73	9.42	9.42	9.42	35.00	9.10 ~ 41.80	2350	480 ~ 3130	11.5	2.4 ~ 15.4	98	
09+12+12+12	Duct	Wall	Wall	Duct	6.52	9.13	9.13	9.13	33.90	9.20 ~ 40.50	2200	540 ~ 2780	10.8	2.6 ~ 13.6	98	
09+12+12+12	Duct	Wall	Duct	Duct	6.32	8.86	8.86	8.86	32.90	9.40 ~ 39.30	1930	610 ~ 2570	9.5	3.0 ~ 12.6	98	
09+12+12+12	Duct	Duct	Duct	Duct	6.12	8.56	8.56	8.56	31.80	9.60 ~ 38.00	1890	680 ~ 2490	9.3	3.3 ~ 12.2	98	
09+12+12+15	Wall	Wall	Wall	Wall	6.21	8.69	8.69	12.41	36.00	9.00 ~ 43.00	3300	420 ~ 3540	16.2	2.1 ~ 17.4	98	
09+12+12+15	Wall	Wall	Wall	Duct	6.03	8.45	8.45	12.07	35.00	9.00 ~ 41.80	2600	570 ~ 3390	12.8	2.8 ~ 16.6	98	
09+12+12+15	Wall	Wall	Duct	Wall	6.03	8.45	8.45	12.07	35.00	9.00 ~ 41.80	2720	470 ~ 3520	13.3	2.3 ~ 17.3	98	
09+12+12+15	Wall	Wall	Duct	Duct	5.86	8.21	8.21	11.72	34.00	9.10 ~ 40.50	2280	630 ~ 2940	11.2	3.1 ~ 14.4	98	
09+12+12+15	Wall	Duct	Duct	Wall	5.86	8.21	8.21	11.72	34.00	9.00 ~ 40.50	2340	530 ~ 3020	11.5	2.6 ~ 14.8	98	
09+12+12+15	Wall	Duct	Duct	Duct	5.69	7.97	7.97	11.38	33.00	9.30 ~ 39.30	2090	690 ~ 2690	10.3	3.4 ~ 13.2	98	
09+12+12+15	Duct	Wall	Wall	Wall	6.03	8.45	8.45	12.07	35.00	9.00 ~ 41.80	2840	470 ~ 3540	13.9	2.3 ~ 17.4	98	
09+12+12+15	Duct	Wall	Wall	Duct	5.86	8.21	8.21	11.72	34.00	9.10 ~ 40.50	2320	630 ~ 3030	11.4	3.1 ~ 14.9	98	
09+12+12+15	Duct	Wall	Duct	Wall	5.86	8.21	8.21	11.72	34.00	9.00 ~ 40.50	2390	530 ~ 3120	11.7	2.6 ~ 15.3	98	
09+12+12+15	Duct	Wall	Duct	Duct	5.69	7.97	7.97	11.38	33.00	9.20 ~ 39.30	2110	690 ~ 2760	10.4	3.4 ~ 13.5	98	
09+12+12+15	Duct	Duct	Duct	Wall	5.69	7.97	7.97	11.38	33.00	9.10 ~ 39.30	2130	590 ~ 2740	10.4	2.9 ~ 13.4	98	
09+12+12+15	Duct	Duct	Duct	Duct	5.52	7.72	7.72	11.03	32.00	9.40 ~ 38.00	1980	760 ~ 2570	9.7	3.7 ~ 12.6	98	
12+12+12+12	Wall	Wall	Wall	Wall	9.00	9.00	9.00	9.00	36.00	9.00 ~ 43.00	2730	420 ~ 3050	13.4	2.1 ~ 15.0	98	
12+12+12+12	Wall	Wall	Wall	Duct	8.75	8.75	8.75	8.75	35.00	9.10 ~ 41.80	2350	480 ~ 3130	11.5	2.4 ~ 15.4	98	
12+12+12+12	Wall	Wall	Duct	Duct	8.50	8.50	8.50	8.50	34.00	9.20 ~ 40.50	2080	540 ~ 2780	10.2	2.6 ~ 13.6	98	
12+12+12+12	Wall	Duct	Duct	Duct	8.25	8.25	8.25	8.25	33.00	9.40 ~ 39.30	1970	610 ~ 2570	9.7	3.0 ~ 12.6	98	
12+12+12+12	Duct	Duct	Duct	Duct	8.00	8.00	8.00	8.00	32.00	9.60 ~ 38.00	1890	680 ~ 2490	9.3	3.3 ~ 12.2	98	

- Notes:**
1. Cooling capacity is based on 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB) (Indoor temperature), 95°FDB (35°CDB) / 75°FWB (24°CWB) (Outdoor temperature).
Heating capacity is based on 70°FDB (21°CDB) / 60°FWB (15.6°CWB) (Indoor temperature), 47°FDB (8.3°CDB) / 43°FWB (6°CWB) (Outdoor temperature).
 2. The total ability of connected indoor units is up to 48.0 kBTU/h.
 3. It is impossible to connect the indoor unit for one room only.
 4. The above is the value for connecting with the following indoor units.
7.0 kBTU/h class; wall mount type L series
9.0 kBTU/h class; wall mount type L series or Duct type L series
12.0 kBTU/h class; wall mount type L series or Duct type L series
15.0 kBTU/h class; wall mount type L series or Duct type L series
18.0 kBTU/h class; wall mount type L series or Duct type L series
24.0 kBTU/h class; wall mount type L series or Duct type L series

C: 3D093934
C: 3D093935
C: 3D093936
C: 3D093937
C: 3D093938
C: 3D093939
C: 3D093940
C: 3D093941
C: 3D093942
C: 3D093943
C: 3D093944
C: 3D093945
C: 3D093946
C: 3D093947

Cooling [60 Hz, 230 V]

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
07	Wall	—	—	—	7.60	—	—	—	7.60	6.80 ~ 8.40	610	520 ~ 670	2.7	2.3 ~ 3.0	98	
09	Wall	—	—	—	9.80	—	—	—	9.80	6.90 ~ 10.80	780	520 ~ 880	3.5	2.3 ~ 3.9	98	
09	Duct	—	—	—	9.40	—	—	—	9.40	6.70 ~ 9.40	830	570 ~ 830	3.7	2.5 ~ 3.7	98	
12	Wall	—	—	—	13.00	—	—	—	13.00	7.00 ~ 14.40	1120	530 ~ 1280	5.0	2.4 ~ 5.7	98	
12	Duct	—	—	—	12.50	—	—	—	12.50	6.70 ~ 12.50	1160	570 ~ 1160	5.1	2.5 ~ 5.1	98	
15	Wall	—	—	—	16.30	—	—	—	16.30	8.20 ~ 18.00	1290	570 ~ 1460	5.7	2.5 ~ 6.5	98	
15	Duct	—	—	—	15.60	—	—	—	15.60	7.50 ~ 15.60	1490	690 ~ 1490	6.6	3.1 ~ 6.6	98	
18	Wall	—	—	—	19.50	—	—	—	19.50	8.20 ~ 21.60	1650	570 ~ 1900	7.3	2.5 ~ 8.4	98	
18	Duct	—	—	—	18.80	—	—	—	18.80	7.50 ~ 18.80	1900	680 ~ 1900	8.4	3.0 ~ 8.4	98	
24	Wall	—	—	—	26.00	—	—	—	26.00	8.60 ~ 28.80	2430	580 ~ 2860	10.8	2.6 ~ 12.7	98	
24	Duct	—	—	—	25.00	—	—	—	25.00	7.80 ~ 25.00	2780	680 ~ 2780	12.3	3.0 ~ 12.3	98	
07+07	Wall	Wall	—	—	7.60	7.60	—	—	15.20	8.20 ~ 16.80	1200	570 ~ 1330	5.3	2.5 ~ 5.9	98	
07+09	Wall	Wall	—	—	7.69	9.61	—	—	17.30	8.30 ~ 19.20	1380	570 ~ 1610	6.1	2.5 ~ 7.1	98	
07+09	Wall	Duct	—	—	7.56	9.44	—	—	17.00	8.10 ~ 18.00	1430	620 ~ 1560	6.3	2.8 ~ 6.9	98	
07+12	Wall	Wall	—	—	7.49	13.11	—	—	20.60	8.30 ~ 22.80	1760	570 ~ 2070	7.8	2.5 ~ 9.2	98	
07+12	Wall	Duct	—	—	7.35	12.85	—	—	20.20	8.10 ~ 21.30	1900	620 ~ 1950	8.4	2.8 ~ 8.7	98	
07+15	Wall	Wall	—	—	6.80	17.00	—	—	23.80	9.30 ~ 26.40	1910	580 ~ 2240	8.5	2.6 ~ 9.9	98	
07+15	Wall	Duct	—	—	6.69	16.71	—	—	23.40	8.70 ~ 24.70	2180	720 ~ 2350	9.7	3.2 ~ 10.4	98	
07+18	Wall	Wall	—	—	6.70	20.10	—	—	26.80	9.30 ~ 30.00	2300	580 ~ 2780	10.2	2.6 ~ 12.3	98	
07+18	Wall	Duct	—	—	6.55	19.65	—	—	26.20	8.70 ~ 27.90	2570	710 ~ 2810	11.4	3.1 ~ 12.5	98	
07+24	Wall	Wall	—	—	6.99	24.81	—	—	31.80	9.60 ~ 34.40	2940	580 ~ 3420	13.0	2.6 ~ 15.2	98	
07+24	Wall	Duct	—	—	6.64	23.56	—	—	30.20	8.90 ~ 32.10	3130	700 ~ 3400	13.9	3.1 ~ 15.1	98	
09+09	Wall	Wall	—	—	9.75	9.75	—	—	19.50	8.30 ~ 21.60	1610	570 ~ 1910	7.1	2.5 ~ 8.5	98	
09+09	Wall	Duct	—	—	9.60	9.60	—	—	19.20	8.20 ~ 20.20	1660	620 ~ 1800	7.4	2.8 ~ 8.0	98	
09+09	Duct	Duct	—	—	9.40	9.40	—	—	18.80	8.10 ~ 18.80	1710	670 ~ 1710	7.6	3.0 ~ 7.6	98	
09+12	Wall	Wall	—	—	9.50	13.30	—	—	22.80	8.40 ~ 25.20	2020	570 ~ 2410	9.0	2.5 ~ 10.7	98	
09+12	Wall	Duct	—	—	9.34	13.06	—	—	22.40	8.20 ~ 23.60	2120	620 ~ 2280	9.4	2.8 ~ 10.1	98	
09+12	Duct	Wall	—	—	9.34	13.06	—	—	22.40	8.30 ~ 23.60	2070	620 ~ 2230	9.2	2.8 ~ 9.9	98	
09+12	Duct	Duct	—	—	9.12	12.78	—	—	21.90	8.10 ~ 21.90	2110	670 ~ 2110	9.4	3.0 ~ 9.4	98	
09+15	Wall	Wall	—	—	8.67	17.33	—	—	26.00	9.30 ~ 28.80	2180	580 ~ 2600	9.7	2.6 ~ 11.5	98	
09+15	Wall	Duct	—	—	8.50	17.00	—	—	25.50	8.80 ~ 26.90	2470	720 ~ 2640	11.0	3.2 ~ 11.7	98	
09+15	Duct	Wall	—	—	8.50	17.00	—	—	25.50	9.20 ~ 26.90	2180	630 ~ 2400	9.7	2.8 ~ 10.6	98	
09+15	Duct	Duct	—	—	8.33	16.67	—	—	25.00	8.70 ~ 25.00	2460	780 ~ 2460	10.9	3.5 ~ 10.9	98	
09+18	Wall	Wall	—	—	8.38	20.12	—	—	28.50	9.30 ~ 31.50	2540	580 ~ 2980	11.3	2.6 ~ 13.2	98	
09+18	Wall	Duct	—	—	8.09	19.41	—	—	27.50	8.80 ~ 29.30	2750	710 ~ 3070	12.2	3.1 ~ 13.6	98	
09+18	Duct	Wall	—	—	8.09	19.41	—	—	27.50	9.20 ~ 29.30	2470	630 ~ 2710	11.0	2.8 ~ 12.0	98	
09+18	Duct	Duct	—	—	7.79	18.71	—	—	26.50	8.70 ~ 27.00	2680	760 ~ 2740	11.9	3.4 ~ 12.2	98	
09+24	Wall	Wall	—	—	8.72	24.78	—	—	33.50	9.60 ~ 35.80	3220	580 ~ 3430	14.3	2.6 ~ 15.2	98	
09+24	Wall	Duct	—	—	8.20	23.30	—	—	31.50	9.00 ~ 33.40	3270	700 ~ 3410	14.5	3.1 ~ 15.1	98	
09+24	Duct	Wall	—	—	8.20	23.30	—	—	31.50	9.50 ~ 33.40	2990	630 ~ 3330	13.3	2.8 ~ 14.8	98	
09+24	Duct	Duct	—	—	7.68	21.82	—	—	29.50	8.90 ~ 31.00	3050	760 ~ 3320	13.5	3.4 ~ 14.7	98	
12+12	Wall	Wall	—	—	13.00	13.00	—	—	26.00	8.50 ~ 28.80	2470	570 ~ 2970	11.0	2.5 ~ 13.2	98	
12+12	Duct	Wall	—	—	12.75	12.75	—	—	25.50	8.30 ~ 26.90	2520	620 ~ 2760	11.2	2.8 ~ 12.2	98	
12+12	Duct	Duct	—	—	12.50	12.50	—	—	25.00	8.10 ~ 25.00	2610	670 ~ 2610	11.6	3.0 ~ 11.6	98	
12+15	Wall	Wall	—	—	11.74	16.76	—	—	28.50	9.40 ~ 31.50	2480	580 ~ 2990	11.0	2.6 ~ 13.3	98	
12+15	Wall	Duct	—	—	11.32	16.18	—	—	27.50	8.80 ~ 29.30	2710	720 ~ 3020	12.0	3.2 ~ 13.4	98	
12+15	Duct	Wall	—	—	11.32	16.18	—	—	27.50	9.20 ~ 29.30	2460	630 ~ 2770	10.9	2.8 ~ 12.3	98	
12+15	Duct	Duct	—	—	10.91	15.59	—	—	26.50	8.70 ~ 27.00	2690	780 ~ 2750	11.9	3.5 ~ 12.2	98	
12+18	Wall	Wall	—	—	11.42	19.58	—	—	31.00	9.40 ~ 33.60	2920	580 ~ 3330	13.0	2.6 ~ 14.8	98	
12+18	Wall	Duct	—	—	10.87	18.63	—	—	29.50	8.80 ~ 31.30	3070	710 ~ 3340	13.6	3.1 ~ 14.8	98	
12+18	Duct	Wall	—	—	10.87	18.63	—	—	29.50	9.20 ~ 31.30	2770	630 ~ 3100	12.3	2.8 ~ 13.8	98	
12+18	Duct	Duct	—	—	10.32	17.68	—	—	28.00	8.70 ~ 29.00	2920	760 ~ 3110	13.0	3.4 ~ 13.8	98	
12+24	Wall	Wall	—	—	11.89	24.11	—	—	36.00	9.70 ~ 38.00	3720	580 ~ 3800	16.5	2.6 ~ 16.9	98	
12+24	Wall	Duct	—	—	11.06	22.44	—	—	33.50	9.10 ~ 35.50	3700	700 ~ 3840	16.4	3.1 ~ 17.0	98	
12+24	Duct	Wall	—	—	11.06	22.44	—	—	33.50	9.50 ~ 35.50	3330	630 ~ 3400	14.8	2.8 ~ 15.1	98	
12+24	Duct	Duct	—	—	10.24	20.76	—	—	31.00	8.90 ~ 33.00	3320	760 ~ 3450	14.7	3.4 ~ 15.3	98	
15+15	Wall	Wall	—	—	15.50	15.50	—	—	31.00	10.00 ~ 33.60	2600	560 ~ 3050	11.5	2.5 ~ 13.5	98	
15+15	Duct	Wall	—	—	14.75	14.75	—	—	29.50	9.60 ~ 31.30	2710	720 ~ 2960	12.0	3.2 ~ 13.1	98	

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
15+15	Duct	Duct	—	—	14.00	14.00	—	—	28.00	9.20 ~ 29.00	2820	870 ~ 2940	12.5	3.9 ~ 13.0	98	
15+18	Wall	Wall	—	—	15.23	18.27	—	—	33.50	10.00 ~ 35.80	2990	560 ~ 3410	13.3	2.5 ~ 15.1	98	
15+18	Wall	Duct	—	—	14.32	17.18	—	—	31.50	9.60 ~ 33.40	3020	710 ~ 3350	13.4	3.1 ~ 14.9	98	
15+18	Duct	Wall	—	—	14.32	17.18	—	—	31.50	9.60 ~ 33.40	3030	720 ~ 3300	13.4	3.2 ~ 14.6	98	
15+18	Duct	Duct	—	—	13.41	16.09	—	—	29.50	9.20 ~ 31.00	3050	860 ~ 3310	13.5	3.8 ~ 14.7	98	
15+24	Wall	Wall	—	—	14.88	21.12	—	—	36.00	10.20 ~ 38.00	3430	550 ~ 3430	15.2	2.4 ~ 15.2	98	
15+24	Wall	Duct	—	—	13.93	19.77	—	—	33.70	9.80 ~ 35.70	3290	690 ~ 3430	14.6	3.1 ~ 15.2	98	
15+24	Duct	Wall	—	—	13.93	19.77	—	—	33.70	9.90 ~ 35.70	3260	710 ~ 3390	14.5	3.1 ~ 15.0	98	
15+24	Duct	Duct	—	—	12.93	18.37	—	—	31.30	9.40 ~ 33.30	3250	850 ~ 3390	14.4	3.8 ~ 15.0	98	
18+18	Wall	Wall	—	—	18.00	18.00	—	—	36.00	10.00 ~ 38.00	3480	560 ~ 3550	15.4	2.5 ~ 15.7	98	
18+18	Duct	Wall	—	—	16.75	16.75	—	—	33.50	9.60 ~ 35.50	3350	710 ~ 3420	14.9	3.1 ~ 15.2	98	
18+18	Duct	Duct	—	—	15.50	15.50	—	—	31.00	9.20 ~ 33.00	3300	850 ~ 3440	14.6	3.8 ~ 15.3	98	
18+24	Wall	Wall	—	—	16.49	19.51	—	—	36.00	10.20 ~ 38.00	3430	540 ~ 3430	15.2	2.4 ~ 15.2	98	
18+24	Wall	Duct	—	—	15.53	18.37	—	—	33.90	9.80 ~ 35.80	3290	690 ~ 3430	14.6	3.1 ~ 15.2	98	
18+24	Duct	Wall	—	—	15.53	18.37	—	—	33.90	9.90 ~ 35.80	3310	700 ~ 3450	14.7	3.1 ~ 15.3	98	
18+24	Duct	Duct	—	—	14.52	17.18	—	—	31.70	9.40 ~ 33.50	3310	840 ~ 3440	14.7	3.7 ~ 15.3	98	
24+24	Wall	Wall	—	—	18.00	18.00	—	—	36.00	10.30 ~ 38.00	3310	520 ~ 3450	14.7	2.3 ~ 15.3	98	
24+24	Duct	Wall	—	—	17.10	17.10	—	—	34.20	10.00 ~ 36.00	3250	680 ~ 3390	14.4	3.0 ~ 15.0	98	
24+24	Duct	Duct	—	—	16.15	16.15	—	—	32.30	9.50 ~ 34.00	3320	820 ~ 3450	14.7	3.6 ~ 15.3	98	
07+07+07	Wall	Wall	Wall	—	7.60	7.60	7.60	—	22.80	9.20 ~ 25.20	1800	580 ~ 2070	8.0	2.6 ~ 9.2	98	
07+07+09	Wall	Wall	Wall	—	7.66	7.66	9.58	—	24.90	9.30 ~ 27.60	2020	580 ~ 2420	9.0	2.6 ~ 10.7	98	
07+07+09	Wall	Wall	Duct	—	7.57	7.57	9.46	—	24.60	9.20 ~ 26.40	2070	630 ~ 2290	9.2	2.8 ~ 10.2	98	
07+07+12	Wall	Wall	Wall	—	7.39	7.39	12.92	—	27.70	9.40 ~ 30.70	2360	580 ~ 2860	10.5	2.6 ~ 12.7	98	
07+07+12	Wall	Wall	Duct	—	7.23	7.23	12.64	—	27.10	9.20 ~ 29.20	2400	630 ~ 2710	10.6	2.8 ~ 12.0	98	
07+07+15	Wall	Wall	Wall	—	6.71	6.71	16.78	—	30.20	10.00 ~ 32.90	2470	560 ~ 2920	11.0	2.5 ~ 13.0	98	
07+07+15	Wall	Wall	Duct	—	6.51	6.51	16.28	—	29.30	9.60 ~ 31.40	2650	720 ~ 2960	11.8	3.2 ~ 13.1	98	
07+07+18	Wall	Wall	Wall	—	6.54	6.54	19.62	—	32.70	10.00 ~ 35.10	2860	560 ~ 3330	12.7	2.5 ~ 14.8	98	
07+07+18	Wall	Wall	Duct	—	6.30	6.30	18.90	—	31.50	9.60 ~ 33.50	3020	710 ~ 3350	13.4	3.1 ~ 14.9	98	
07+07+24	Wall	Wall	Wall	—	6.49	6.49	23.02	—	36.00	10.20 ~ 38.00	3430	550 ~ 3430	15.2	2.4 ~ 15.2	98	
07+07+24	Wall	Wall	Duct	—	6.20	6.20	22.00	—	34.40	9.80 ~ 36.40	3430	690 ~ 3430	15.2	3.1 ~ 15.2	98	
07+09+09	Wall	Wall	Wall	—	7.66	9.57	9.57	—	26.80	9.40 ~ 30.00	2240	580 ~ 2730	9.9	2.6 ~ 12.1	98	
07+09+09	Wall	Wall	Duct	—	7.54	9.43	9.43	—	26.40	9.30 ~ 28.60	2290	630 ~ 2590	10.2	2.8 ~ 11.5	98	
07+09+09	Wall	Duct	Duct	—	7.40	9.25	9.25	—	25.90	9.20 ~ 27.10	2280	690 ~ 2460	10.1	3.1 ~ 10.9	98	
07+09+12	Wall	Wall	Wall	—	7.33	9.16	12.81	—	29.30	9.40 ~ 32.20	2610	580 ~ 3130	11.6	2.6 ~ 13.9	98	
07+09+12	Wall	Wall	Duct	—	7.13	8.91	12.46	—	28.50	9.30 ~ 30.70	2590	630 ~ 2970	11.5	2.8 ~ 13.2	98	
07+09+12	Wall	Duct	Wall	—	7.13	8.91	12.46	—	28.50	9.30 ~ 30.70	2590	630 ~ 2910	11.5	2.8 ~ 12.9	98	
07+09+12	Wall	Duct	Duct	—	6.95	8.69	12.16	—	27.80	9.20 ~ 29.20	2570	690 ~ 2820	11.4	3.1 ~ 12.5	98	
07+09+15	Wall	Wall	Wall	—	6.69	8.37	16.74	—	31.80	10.00 ~ 34.40	2730	560 ~ 3200	12.1	2.5 ~ 14.2	98	
07+09+15	Wall	Wall	Duct	—	6.46	8.08	16.16	—	30.70	9.70 ~ 32.80	2840	720 ~ 3230	12.6	3.2 ~ 14.3	98	
07+09+15	Wall	Duct	Wall	—	6.46	8.08	16.16	—	30.70	10.00 ~ 32.80	2650	620 ~ 2970	11.8	2.8 ~ 13.2	98	
07+09+15	Wall	Duct	Duct	—	6.23	7.79	15.58	—	29.60	9.60 ~ 31.30	2760	780 ~ 3080	12.2	3.5 ~ 13.7	98	
07+09+18	Wall	Wall	Wall	—	6.53	8.17	19.60	—	34.30	10.00 ~ 36.50	3130	560 ~ 3410	13.9	2.5 ~ 15.1	98	
07+09+18	Wall	Wall	Duct	—	6.27	7.83	18.80	—	32.90	9.70 ~ 34.90	3220	710 ~ 3430	14.3	3.1 ~ 15.2	98	
07+09+18	Wall	Duct	Wall	—	6.27	7.83	18.80	—	32.90	10.00 ~ 34.90	2970	620 ~ 3310	13.2	2.8 ~ 14.7	98	
07+09+18	Wall	Duct	Duct	—	5.98	7.48	17.94	—	31.40	9.60 ~ 33.30	3070	770 ~ 3400	13.6	3.4 ~ 15.1	98	
07+09+24	Wall	Wall	Wall	—	6.21	7.76	22.03	—	36.00	10.20 ~ 38.00	3430	540 ~ 3430	15.2	2.4 ~ 15.2	98	
07+09+24	Wall	Wall	Duct	—	5.95	7.44	21.11	—	34.50	9.80 ~ 36.40	3430	690 ~ 3430	15.2	3.1 ~ 15.2	98	
07+09+24	Wall	Duct	Wall	—	5.95	7.44	21.12	—	34.50	10.10 ~ 36.40	3200	600 ~ 3410	14.2	2.7 ~ 15.1	98	
07+09+24	Wall	Duct	Duct	—	5.67	7.09	20.14	—	32.90	9.70 ~ 34.90	3200	750 ~ 3410	14.2	3.3 ~ 15.1	98	
07+12+12	Wall	Wall	Wall	—	7.07	12.37	12.37	—	31.80	9.50 ~ 34.40	3000	580 ~ 3410	13.3	2.6 ~ 15.1	98	
07+12+12	Wall	Wall	Duct	—	6.83	11.94	11.94	—	30.70	9.30 ~ 32.80	2910	630 ~ 3310	12.9	2.8 ~ 14.7	98	
07+12+12	Wall	Duct	Duct	—	6.58	11.51	11.51	—	29.60	9.20 ~ 31.30	2880	690 ~ 3140	12.8	3.1 ~ 13.9	98	
07+12+15	Wall	Wall	Wall	—	6.53	11.43	16.33	—	34.30	10.00 ~ 36.50	3130	560 ~ 3410	13.9	2.5 ~ 15.1	98	
07+12+15	Wall	Wall	Duct	—	6.27	10.97	15.67	—	32.90	9.70 ~ 34.90	3240	720 ~ 3440	14.4	3.2 ~ 15.3	98	
07+12+15	Wall	Duct	Wall	—	6.27	10.97	15.67	—	32.90	10.00 ~ 34.90	2970	620 ~ 3380	13.2	2.8 ~ 15.0	98	
07+12+15	Wall	Duct	Duct	—	5.98	10.47	14.95	—	31.40	9.60 ~ 33.30	3080	780 ~ 3410	13.7	3.5 ~ 15.1	98	
07+12+18	Wall	Wall	Wall	—	6.26	10.96	18.78	—	36.00	10.10 ~ 38.00	3490	560 ~ 3560	15.5	2.5 ~ 15.8	98	
07+12+18	Wall	Wall	Duct	—	5.98	10.47	17.94	—	34.40	9.70 ~ 36.40	3500	710 ~ 3570	15.5	3.1 ~ 15.8	98	
07+12+18	Wall	Duct	Wall	—	5.98	10.47	17.96	—	34.40	10.00 ~ 36.40	3240	620 ~ 3380	14.4	2.8 ~ 15.0	98	
07+12+18	Wall	Duct	Duct	—	5.69	9.95	17.07	—	32.70	9.60 ~ 34.70	3270	770 ~ 3400	14.5	3.4 ~ 15.1	98	
07+12+24	Wall	Wall	Wall	—	5.71	10.00	20.29	—	36.00	10.20 ~ 38.00	3370	540 ~ 3440	15.0	2.4 ~ 15.3	98	

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
07+12+24	Wall	Wall	Duct	—	5.49	9.61	19.49	—	34.60	9.80 ~ 36.50	3440	690 ~ 3440	15.3	3.1 ~ 15.3	98	
07+12+24	Wall	Duct	Wall	—	5.49	9.61	19.51	—	34.60	10.10 ~ 36.50	3200	600 ~ 3410	14.2	2.7 ~ 15.1	98	
07+12+24	Wall	Duct	Duct	—	5.27	9.22	18.72	—	33.20	9.70 ~ 35.10	3270	750 ~ 3410	14.5	3.3 ~ 15.1	98	
07+15+15	Wall	Wall	Wall	—	6.01	15.00	15.00	—	36.00	10.40 ~ 38.00	3320	510 ~ 3400	14.7	2.3 ~ 15.1	98	
07+15+15	Wall	Wall	Duct	—	5.74	14.33	14.33	—	34.40	10.20 ~ 36.40	3230	690 ~ 3440	14.3	3.1 ~ 15.3	98	
07+15+15	Wall	Duct	Duct	—	5.46	13.63	13.63	—	32.70	9.90 ~ 34.70	3210	860 ~ 3410	14.2	3.8 ~ 15.1	98	
07+15+18	Wall	Wall	Wall	—	5.54	13.85	16.61	—	36.00	10.40 ~ 38.00	3250	510 ~ 3400	14.4	2.3 ~ 15.1	98	
07+15+18	Wall	Wall	Duct	—	5.31	13.27	15.93	—	34.50	10.20 ~ 36.40	3220	680 ~ 3430	14.3	3.0 ~ 15.2	98	
07+15+18	Wall	Duct	Wall	—	5.31	13.27	15.93	—	34.50	10.20 ~ 36.40	3230	690 ~ 3440	14.3	3.1 ~ 15.3	98	
07+15+18	Wall	Duct	Duct	—	5.06	12.65	15.18	—	32.90	9.90 ~ 34.90	3260	850 ~ 3390	14.5	3.8 ~ 15.0	98	
07+18+18	Wall	Wall	Wall	—	5.14	15.43	15.43	—	36.00	10.40 ~ 38.00	3260	500 ~ 3400	14.5	2.2 ~ 15.1	98	
07+18+18	Wall	Wall	Duct	—	4.93	14.83	14.83	—	34.60	10.20 ~ 36.50	3220	670 ~ 3430	14.3	3.0 ~ 15.2	98	
07+18+18	Wall	Duct	Duct	—	4.75	14.23	14.23	—	33.20	9.90 ~ 35.10	3250	830 ~ 3450	14.4	3.7 ~ 15.3	98	
09+09+09	Wall	Wall	Wall	—	9.50	9.50	9.50	—	28.50	9.40 ~ 31.50	2480	580 ~ 2990	11.0	2.6 ~ 13.3	98	
09+09+09	Wall	Wall	Duct	—	9.27	9.27	9.27	—	27.80	9.30 ~ 30.00	2470	630 ~ 2840	11.0	2.8 ~ 12.6	98	
09+09+09	Wall	Duct	Duct	—	9.07	9.07	9.07	—	27.20	9.20 ~ 28.50	2460	690 ~ 2640	10.9	3.1 ~ 11.7	98	
09+09+09	Duct	Duct	Duct	—	8.83	8.83	8.83	—	26.50	9.10 ~ 27.00	2450	740 ~ 2510	10.9	3.3 ~ 11.1	98	
09+09+12	Wall	Wall	Wall	—	9.12	9.12	12.77	—	31.00	9.50 ~ 33.60	2870	580 ~ 3340	12.7	2.6 ~ 14.8	98	
09+09+12	Wall	Wall	Duct	—	8.82	8.82	12.34	—	30.00	9.30 ~ 32.10	2840	630 ~ 3170	12.6	2.8 ~ 14.1	98	
09+09+12	Wall	Duct	Wall	—	8.82	8.82	12.34	—	30.00	9.40 ~ 32.10	2780	630 ~ 3180	12.3	2.8 ~ 14.1	98	
09+09+12	Wall	Duct	Duct	—	8.53	8.53	11.94	—	29.00	9.20 ~ 30.50	2760	690 ~ 3020	12.2	3.1 ~ 13.4	98	
09+09+12	Duct	Duct	Wall	—	8.53	8.53	11.94	—	29.00	9.30 ~ 30.50	2710	690 ~ 2960	12.0	3.1 ~ 13.1	98	
09+09+12	Duct	Duct	Duct	—	8.24	8.24	11.53	—	28.00	9.10 ~ 29.00	2690	740 ~ 2870	11.9	3.3 ~ 12.7	98	
09+09+15	Wall	Wall	Wall	—	8.38	8.38	16.75	—	33.50	10.00 ~ 35.80	2990	560 ~ 3410	13.3	2.5 ~ 15.1	98	
09+09+15	Wall	Wall	Duct	—	8.05	8.05	16.09	—	32.20	9.70 ~ 34.20	3100	720 ~ 3440	13.8	3.2 ~ 15.3	98	
09+09+15	Wall	Duct	Wall	—	8.05	8.05	16.10	—	32.20	10.00 ~ 34.20	2840	620 ~ 3180	12.6	2.8 ~ 14.1	98	
09+09+15	Wall	Duct	Duct	—	7.70	7.70	15.39	—	30.80	9.60 ~ 32.60	2950	780 ~ 3220	13.1	3.5 ~ 14.3	98	
09+09+15	Duct	Duct	Wall	—	7.70	7.70	15.39	—	30.80	9.90 ~ 32.60	2700	670 ~ 3020	12.0	3.0 ~ 13.4	98	
09+09+15	Duct	Duct	Duct	—	7.38	7.38	14.75	—	29.50	9.60 ~ 31.00	2810	830 ~ 3060	12.5	3.7 ~ 13.6	98	
09+09+18	Wall	Wall	Wall	—	8.18	8.18	19.65	—	36.00	10.10 ~ 38.00	3490	560 ~ 3490	15.5	2.5 ~ 15.5	98	
09+09+18	Wall	Wall	Duct	—	7.80	7.80	18.71	—	34.30	9.70 ~ 36.30	3430	710 ~ 3430	15.2	3.1 ~ 15.2	98	
09+09+18	Wall	Duct	Wall	—	7.80	7.80	18.71	—	34.30	10.00 ~ 36.30	3250	610 ~ 3390	14.4	2.7 ~ 15.0	98	
09+09+18	Wall	Duct	Duct	—	7.43	7.43	17.83	—	32.70	9.60 ~ 34.70	3270	760 ~ 3410	14.5	3.4 ~ 15.1	98	
09+09+18	Duct	Duct	Wall	—	7.43	7.43	17.85	—	32.70	9.90 ~ 34.70	3020	670 ~ 3370	13.4	3.0 ~ 15.0	98	
09+09+18	Duct	Duct	Duct	—	7.05	7.05	16.92	—	31.00	9.60 ~ 33.00	3050	820 ~ 3380	13.5	3.6 ~ 15.0	98	
09+09+24	Wall	Wall	Wall	—	7.44	7.44	21.13	—	36.00	10.20 ~ 38.00	3370	540 ~ 3440	15.0	2.4 ~ 15.3	98	
09+09+24	Wall	Wall	Duct	—	7.15	7.15	20.30	—	34.60	9.80 ~ 36.50	3440	690 ~ 3440	15.3	3.1 ~ 15.3	98	
09+09+24	Wall	Duct	Wall	—	7.15	7.15	20.30	—	34.60	10.20 ~ 36.50	3200	600 ~ 3410	14.2	2.7 ~ 15.1	98	
09+09+24	Wall	Duct	Duct	—	6.84	6.84	19.41	—	33.10	9.80 ~ 35.00	3210	750 ~ 3410	14.2	3.3 ~ 15.1	98	
09+09+24	Duct	Duct	Wall	—	6.84	6.84	19.43	—	33.10	10.10 ~ 35.00	2980	660 ~ 3320	13.2	2.9 ~ 14.7	98	
09+09+24	Duct	Duct	Duct	—	6.55	6.55	18.61	—	31.70	9.70 ~ 33.50	3060	800 ~ 3390	13.6	3.5 ~ 15.0	98	
09+12+12	Wall	Wall	Wall	—	8.82	12.34	12.34	—	33.50	9.50 ~ 35.80	3270	580 ~ 3410	14.5	2.6 ~ 15.1	98	
09+12+12	Wall	Wall	Duct	—	8.46	11.86	11.86	—	32.20	9.40 ~ 34.20	3180	630 ~ 3450	14.1	2.8 ~ 15.3	98	
09+12+12	Wall	Duct	Duct	—	8.12	11.35	11.35	—	30.80	9.20 ~ 32.60	3020	690 ~ 3350	13.4	3.1 ~ 14.9	98	
09+12+12	Duct	Wall	Wall	—	8.46	11.86	11.86	—	32.20	9.40 ~ 34.20	3110	630 ~ 3390	13.8	2.8 ~ 15.0	98	
09+12+12	Duct	Wall	Duct	—	8.12	11.35	11.35	—	30.80	9.30 ~ 32.60	3020	690 ~ 3360	13.4	3.1 ~ 14.9	98	
09+12+12	Duct	Duct	Duct	—	7.76	10.87	10.87	—	29.50	9.10 ~ 31.00	2930	740 ~ 3190	13.0	3.3 ~ 14.2	98	
09+12+15	Wall	Wall	Wall	—	8.18	11.45	16.36	—	36.00	10.10 ~ 38.00	3490	550 ~ 3560	15.5	2.4 ~ 15.8	98	
09+12+15	Wall	Wall	Duct	—	7.80	10.91	15.59	—	34.30	9.70 ~ 36.30	3450	720 ~ 3450	15.3	3.2 ~ 15.3	98	
09+12+15	Wall	Duct	Wall	—	7.80	10.91	15.59	—	34.30	10.00 ~ 36.30	3250	620 ~ 3390	14.4	2.8 ~ 15.0	98	
09+12+15	Wall	Duct	Duct	—	7.43	10.40	14.86	—	32.70	9.60 ~ 34.70	3280	780 ~ 3420	14.6	3.5 ~ 15.2	98	
09+12+15	Duct	Wall	Wall	—	7.80	10.91	15.59	—	34.30	10.00 ~ 36.30	3180	610 ~ 3390	14.1	2.7 ~ 15.0	98	
09+12+15	Duct	Wall	Duct	—	7.43	10.40	14.86	—	32.70	9.70 ~ 34.70	3220	770 ~ 3420	14.3	3.4 ~ 15.2	98	
09+12+15	Duct	Duct	Wall	—	7.43	10.40	14.87	—	32.70	9.90 ~ 34.70	3020	670 ~ 3360	13.4	3.0 ~ 14.9	98	
09+12+15	Duct	Duct	Duct	—	7.05	9.86	14.09	—	31.00	9.60 ~ 33.00	3060	830 ~ 3400	13.6	3.7 ~ 15.1	98	
09+12+18	Wall	Wall	Wall	—	7.50	10.50	18.00	—	36.00	10.10 ~ 38.00	3490	550 ~ 3560	15.5	2.4 ~ 15.8	98	
09+12+18	Wall	Wall	Duct	—	7.17	10.03	17.20	—	34.40	9.70 ~ 36.40	3440	710 ~ 3440	15.3	3.1 ~ 15.3	98	
09+12+18	Wall	Duct	Wall	—	7.17	10.03	17.20	—	34.40	10.00 ~ 36.40	3250	610 ~ 3390	14.4	2.7 ~ 15.0	98	
09+12+18	Wall	Duct	Duct	—	6.85	9.60	16.45	—	32.90	9.60 ~ 34.90	3270	760 ~ 3410	14.5	3.4 ~ 15.1	98	
09+12+18	Duct	Wall	Wall	—	7.17	10.03	17.20	—	34.40	10.00 ~ 36.40	3180	610 ~ 3390	14.1	2.7 ~ 15.0	98	
09+12+18	Duct	Wall	Duct	—	6.85	9.60	16.45	—	32.90	9.70 ~ 34.90	3280	760 ~ 3410	14.6	3.4 ~ 15.1	98	

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
09+12+18	Duct	Duct	Wall	—	6.85	9.60	16.45	—	32.90	9.90 ~ 34.90	3020	670 ~ 3440	13.4	3.0 ~ 15.3	98	
09+12+18	Duct	Duct	Duct	—	6.52	9.13	15.65	—	31.30	9.60 ~ 33.30	3120	820 ~ 3450	13.8	3.6 ~ 15.3	98	
09+12+24	Wall	Wall	Wall	—	6.87	9.62	19.51	—	36.00	10.20 ~ 38.00	3370	540 ~ 3440	15.0	2.4 ~ 15.3	98	
09+12+24	Wall	Wall	Duct	—	6.62	9.27	18.81	—	34.70	9.90 ~ 36.60	3440	690 ~ 3440	15.3	3.1 ~ 15.3	98	
09+12+24	Wall	Duct	Wall	—	6.62	9.27	18.81	—	34.70	10.20 ~ 36.60	3200	600 ~ 3410	14.2	2.7 ~ 15.1	98	
09+12+24	Wall	Duct	Duct	—	6.35	8.90	18.05	—	33.30	9.80 ~ 35.20	3280	750 ~ 3410	14.6	3.3 ~ 15.1	98	
09+12+24	Duct	Wall	Wall	—	6.62	9.27	18.81	—	34.70	10.20 ~ 36.60	3210	600 ~ 3420	14.2	2.7 ~ 15.2	98	
09+12+24	Duct	Wall	Duct	—	6.35	8.90	18.05	—	33.30	9.80 ~ 35.20	3280	750 ~ 3420	14.6	3.3 ~ 15.2	98	
09+12+24	Duct	Duct	Wall	—	6.35	8.90	18.05	—	33.30	10.10 ~ 35.20	3050	660 ~ 3390	13.5	2.9 ~ 15.0	98	
09+12+24	Duct	Duct	Duct	—	6.11	8.55	17.34	—	32.00	9.70 ~ 33.80	3120	800 ~ 3460	13.8	3.5 ~ 15.4	98	
09+15+15	Wall	Wall	Wall	—	7.20	14.40	14.40	—	36.00	10.40 ~ 38.00	3260	500 ~ 3400	14.5	2.2 ~ 15.1	98	
09+15+15	Wall	Wall	Duct	—	6.88	13.76	13.76	—	34.40	10.20 ~ 36.40	3230	690 ~ 3440	14.3	3.1 ~ 15.3	98	
09+15+15	Wall	Duct	Duct	—	6.58	13.16	13.16	—	32.90	10.00 ~ 34.90	3210	860 ~ 3410	14.2	3.8 ~ 15.1	98	
09+15+15	Duct	Wall	Wall	—	6.88	13.76	13.76	—	34.40	10.30 ~ 36.40	3030	570 ~ 3450	13.4	2.5 ~ 15.3	98	
09+15+15	Duct	Wall	Duct	—	6.58	13.16	13.16	—	32.90	10.20 ~ 34.90	3010	740 ~ 3350	13.4	3.3 ~ 14.9	98	
09+15+15	Duct	Duct	Duct	—	6.26	12.52	12.52	—	31.30	9.90 ~ 33.30	3060	910 ~ 3390	13.6	4.0 ~ 15.0	98	
09+15+18	Wall	Wall	Wall	—	6.67	13.33	16.00	—	36.00	10.40 ~ 38.00	3260	500 ~ 3400	14.5	2.2 ~ 15.1	98	
09+15+18	Wall	Wall	Duct	—	6.41	12.81	15.38	—	34.60	10.20 ~ 36.50	3220	670 ~ 3430	14.3	3.0 ~ 15.2	98	
09+15+18	Wall	Duct	Wall	—	6.41	12.81	15.38	—	34.60	10.20 ~ 36.50	3230	680 ~ 3440	14.3	3.0 ~ 15.3	98	
09+15+18	Wall	Duct	Duct	—	6.13	12.26	14.71	—	33.10	10.00 ~ 35.00	3260	840 ~ 3400	14.5	3.7 ~ 15.1	98	
09+15+18	Duct	Wall	Wall	—	6.41	12.81	15.38	—	34.60	10.40 ~ 36.50	3030	560 ~ 3450	13.4	2.5 ~ 15.3	98	
09+15+18	Duct	Wall	Duct	—	6.13	12.26	14.71	—	33.10	10.20 ~ 35.00	3000	730 ~ 3410	13.3	3.2 ~ 15.1	98	
09+15+18	Duct	Duct	Wall	—	6.13	12.26	14.71	—	33.10	10.20 ~ 35.00	3010	740 ~ 3420	13.4	3.3 ~ 15.2	98	
09+15+18	Duct	Duct	Duct	—	5.87	11.74	14.09	—	31.70	9.90 ~ 33.50	3110	900 ~ 3380	13.8	4.0 ~ 15.0	98	
09+15+24	Wall	Wall	Wall	—	6.16	12.33	17.51	—	36.00	10.40 ~ 38.00	3270	480 ~ 3420	14.5	2.1 ~ 15.2	98	
09+15+24	Wall	Wall	Duct	—	5.96	11.92	16.92	—	34.80	10.30 ~ 36.70	3220	650 ~ 3430	14.3	2.9 ~ 15.2	98	
09+15+24	Wall	Duct	Wall	—	5.96	11.92	16.92	—	34.80	10.30 ~ 36.70	3190	660 ~ 3390	14.2	2.9 ~ 15.0	98	
09+15+24	Wall	Duct	Duct	—	5.74	11.47	16.29	—	33.50	10.10 ~ 35.30	3270	820 ~ 3400	14.5	3.6 ~ 15.1	98	
09+15+24	Duct	Wall	Wall	—	5.96	11.92	16.92	—	34.80	10.40 ~ 36.70	3050	540 ~ 3390	13.5	2.4 ~ 15.0	98	
09+15+24	Duct	Wall	Duct	—	5.74	11.47	16.29	—	33.50	10.30 ~ 35.30	3070	710 ~ 3410	13.6	3.1 ~ 15.1	98	
09+15+24	Duct	Duct	Wall	—	5.74	11.47	16.29	—	33.50	10.30 ~ 35.30	3030	720 ~ 3370	13.4	3.2 ~ 15.0	98	
09+15+24	Duct	Duct	Duct	—	5.53	11.06	15.71	—	32.30	10.00 ~ 34.00	3120	880 ~ 3450	13.8	3.9 ~ 15.3	98	
09+18+18	Wall	Wall	Wall	—	6.21	14.90	14.90	—	36.00	10.40 ~ 38.00	3260	500 ~ 3400	14.5	2.2 ~ 15.1	98	
09+18+18	Wall	Wall	Duct	—	5.99	14.36	14.36	—	34.70	10.20 ~ 36.60	3220	670 ~ 3430	14.3	3.0 ~ 15.2	98	
09+18+18	Wall	Duct	Duct	—	5.74	13.78	13.78	—	33.30	10.00 ~ 35.20	3250	830 ~ 3390	14.4	3.7 ~ 15.0	98	
09+18+18	Duct	Wall	Wall	—	5.97	14.36	14.36	—	34.70	10.40 ~ 36.60	3030	560 ~ 3450	13.4	2.5 ~ 15.3	98	
09+18+18	Duct	Wall	Duct	—	5.74	13.78	13.78	—	33.30	10.20 ~ 35.20	3070	730 ~ 3410	13.6	3.2 ~ 15.1	98	
09+18+18	Duct	Duct	Duct	—	5.52	13.24	13.24	—	32.00	9.90 ~ 33.80	3100	890 ~ 3430	13.8	3.9 ~ 15.2	98	
12+12+12	Wall	Wall	Wall	—	12.00	12.00	12.00	—	36.00	9.60 ~ 38.00	3780	580 ~ 3780	16.8	2.6 ~ 16.8	98	
12+12+12	Wall	Wall	Duct	—	11.43	11.43	11.43	—	34.30	9.40 ~ 36.30	3530	630 ~ 3600	15.7	2.8 ~ 16.0	98	
12+12+12	Wall	Duct	Duct	—	10.90	10.90	10.90	—	32.70	9.30 ~ 34.70	3360	690 ~ 3430	14.9	3.1 ~ 15.2	98	
12+12+12	Duct	Duct	Duct	—	10.33	10.33	10.33	—	31.00	9.10 ~ 33.00	3190	740 ~ 3400	14.2	3.3 ~ 15.1	98	
12+12+15	Wall	Wall	Wall	—	10.50	10.50	15.01	—	36.00	10.10 ~ 38.00	3420	550 ~ 3420	15.2	2.4 ~ 15.2	98	
12+12+15	Wall	Wall	Duct	—	10.03	10.03	14.32	—	34.40	9.80 ~ 36.40	3450	720 ~ 3450	15.3	3.2 ~ 15.3	98	
12+12+15	Wall	Duct	Wall	—	10.03	10.03	14.33	—	34.40	10.00 ~ 36.40	3250	610 ~ 3390	14.4	2.7 ~ 15.0	98	
12+12+15	Wall	Duct	Duct	—	9.60	9.60	13.72	—	32.90	9.70 ~ 34.90	3290	770 ~ 3420	14.6	3.4 ~ 15.2	98	
12+12+15	Duct	Duct	Wall	—	9.60	9.60	13.70	—	32.90	9.90 ~ 34.90	3020	670 ~ 3430	13.4	3.0 ~ 15.2	98	
12+12+15	Duct	Duct	Duct	—	9.13	9.13	13.04	—	31.30	9.60 ~ 33.30	3130	830 ~ 3460	13.9	3.7 ~ 15.4	98	
12+12+18	Wall	Wall	Wall	—	9.69	9.69	16.62	—	36.00	10.10 ~ 38.00	3420	550 ~ 3420	15.2	2.4 ~ 15.2	98	
12+12+18	Wall	Wall	Duct	—	9.32	9.32	15.97	—	34.60	9.80 ~ 36.50	3440	710 ~ 3440	15.3	3.1 ~ 15.3	98	
12+12+18	Wall	Duct	Wall	—	9.32	9.32	15.97	—	34.60	10.00 ~ 36.50	3250	610 ~ 3390	14.4	2.7 ~ 15.0	98	
12+12+18	Wall	Duct	Duct	—	8.91	8.91	15.28	—	33.10	9.70 ~ 35.00	3280	760 ~ 3410	14.6	3.4 ~ 15.1	98	
12+12+18	Duct	Duct	Wall	—	8.91	8.91	15.28	—	33.10	9.90 ~ 35.00	3090	670 ~ 3440	13.7	3.0 ~ 15.3	98	
12+12+18	Duct	Duct	Duct	—	8.53	8.53	14.62	—	31.70	9.60 ~ 33.50	3180	820 ~ 3450	14.1	3.6 ~ 15.3	98	
12+12+24	Wall	Wall	Wall	—	8.94	8.94	18.13	—	36.00	10.10 ~ 38.00	3420	550 ~ 3420	15.2	2.4 ~ 15.2	98	
12+12+24	Wall	Wall	Duct	—	8.64	8.64	17.52	—	34.80	9.80 ~ 36.70	3500	690 ~ 3570	15.5	3.1 ~ 15.8	98	
12+12+24	Wall	Duct	Wall	—	8.64	8.64	17.52	—	34.80	10.00 ~ 36.70	3320	610 ~ 3390	14.7	2.7 ~ 15.0	98	
12+12+24	Wall	Duct	Duct	—	8.32	8.32	16.87	—	33.50	9.70 ~ 35.30	3330	750 ~ 3400	14.8	3.3 ~ 15.1	98	
12+12+24	Duct	Duct	Wall	—	8.32	8.32	16.87	—	33.50	9.90 ~ 35.30	3160	670 ~ 3440	14.0	3.0 ~ 15.3	98	
12+12+24	Duct	Duct	Duct	—	8.02	8.02	16.25	—	32.30	9.60 ~ 34.00	3240	810 ~ 3440	14.4	3.6 ~ 15.3	98	
12+15+15	Wall	Wall	Wall	—	9.33	13.33	13.33	—	36.00	10.40 ~ 38.00	3260	500 ~ 3400	14.5	2.2 ~ 15.1	98	

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
12+15+15	Wall	Wall	Duct	—	8.98	12.81	12.81	—	34.60	10.20 ~ 36.50	3240	680 ~ 3450	14.4	3.0 ~ 15.3	98	
12+15+15	Wall	Duct	Duct	—	8.58	12.26	12.26	—	33.10	10.00 ~ 35.00	3210	850 ~ 3420	14.2	3.8 ~ 15.2	98	
12+15+15	Duct	Wall	Wall	—	8.98	12.81	12.81	—	34.60	10.30 ~ 36.50	3030	570 ~ 3450	13.4	2.5 ~ 15.3	98	
12+15+15	Duct	Wall	Duct	—	8.58	12.26	12.26	—	33.10	10.20 ~ 35.00	3010	740 ~ 3420	13.4	3.3 ~ 15.2	98	
12+15+15	Duct	Duct	Duct	—	8.21	11.74	11.74	—	31.70	9.90 ~ 33.50	3130	910 ~ 3390	13.9	4.0 ~ 15.0	98	
12+15+18	Wall	Wall	Wall	—	8.69	12.41	14.90	—	36.00	10.40 ~ 38.00	3260	500 ~ 3400	14.5	2.2 ~ 15.1	98	
12+15+18	Wall	Wall	Duct	—	8.38	11.97	14.37	—	34.70	10.20 ~ 36.60	3160	670 ~ 3430	14.0	3.0 ~ 15.2	98	
12+15+18	Wall	Duct	Wall	—	8.38	11.97	14.37	—	34.70	10.20 ~ 36.60	3240	680 ~ 3450	14.4	3.0 ~ 15.3	98	
12+15+18	Wall	Duct	Duct	—	8.04	11.48	13.78	—	33.30	10.00 ~ 35.20	3270	840 ~ 3400	14.5	3.7 ~ 15.1	98	
12+15+18	Duct	Wall	Wall	—	8.38	11.97	14.37	—	34.70	10.40 ~ 36.60	3100	560 ~ 3450	13.8	2.5 ~ 15.3	98	
12+15+18	Duct	Wall	Duct	—	8.04	11.48	13.78	—	33.30	10.20 ~ 35.20	3070	730 ~ 3410	13.6	3.2 ~ 15.1	98	
12+15+18	Duct	Duct	Wall	—	8.04	11.48	13.78	—	33.30	10.20 ~ 35.20	3080	740 ~ 3420	13.7	3.3 ~ 15.2	98	
12+15+18	Duct	Duct	Duct	—	7.72	11.03	13.24	—	32.00	9.90 ~ 33.80	3110	900 ~ 3450	13.8	4.0 ~ 15.3	98	
12+18+18	Wall	Wall	Wall	—	8.13	13.94	13.94	—	36.00	10.40 ~ 38.00	3260	490 ~ 3400	14.5	2.2 ~ 15.1	98	
12+18+18	Wall	Wall	Duct	—	7.87	13.47	13.47	—	34.80	10.20 ~ 36.70	3230	670 ~ 3440	14.3	3.0 ~ 15.3	98	
12+18+18	Wall	Duct	Duct	—	7.56	12.97	12.97	—	33.50	10.00 ~ 35.30	3320	830 ~ 3390	14.7	3.7 ~ 15.0	98	
12+18+18	Duct	Wall	Wall	—	7.87	13.47	13.47	—	34.80	10.40 ~ 36.70	3100	560 ~ 3380	13.8	2.5 ~ 15.0	98	
12+18+18	Duct	Wall	Duct	—	7.56	12.97	12.97	—	33.50	10.20 ~ 35.30	3070	730 ~ 3410	13.6	3.2 ~ 15.1	98	
12+18+18	Duct	Duct	Duct	—	7.28	12.50	12.50	—	32.30	9.90 ~ 34.00	3170	890 ~ 3430	14.1	3.9 ~ 15.2	98	
15+15+15	Wall	Wall	Wall	—	12.00	12.00	12.00	—	36.00	10.40 ~ 38.00	3230	420 ~ 3440	14.3	1.9 ~ 15.3	98	
15+15+15	Wall	Wall	Duct	—	11.57	11.57	11.57	—	34.70	10.40 ~ 36.60	3080	620 ~ 3420	13.7	2.8 ~ 15.2	98	
15+15+15	Wall	Duct	Duct	—	11.10	11.10	11.10	—	33.30	10.30 ~ 35.20	3060	810 ~ 3400	13.6	3.6 ~ 15.1	98	
15+15+15	Duct	Duct	Duct	—	10.67	10.67	10.67	—	32.00	10.10 ~ 33.80	3120	990 ~ 3450	13.8	4.4 ~ 15.3	98	
15+15+18	Wall	Wall	Wall	—	11.25	11.25	13.50	—	36.00	10.40 ~ 38.00	3230	420 ~ 3440	14.3	1.9 ~ 15.3	98	
15+15+18	Wall	Wall	Duct	—	10.88	10.88	13.05	—	34.80	10.40 ~ 36.70	3130	610 ~ 3410	13.9	2.7 ~ 15.1	98	
15+15+18	Wall	Duct	Wall	—	10.88	10.88	13.05	—	34.80	10.40 ~ 36.70	3080	620 ~ 3420	13.7	2.8 ~ 15.2	98	
15+15+18	Wall	Duct	Duct	—	10.47	10.47	12.56	—	33.50	10.30 ~ 35.30	3050	800 ~ 3460	13.5	3.5 ~ 15.4	98	
15+15+18	Duct	Duct	Wall	—	10.47	10.47	12.56	—	33.50	10.30 ~ 35.30	3070	810 ~ 3400	13.6	3.6 ~ 15.1	98	
15+15+18	Duct	Duct	Duct	—	10.09	10.09	12.10	—	32.30	10.10 ~ 34.00	3170	970 ~ 3430	14.1	4.3 ~ 15.2	98	
07+07+07+07	Wall	Wall	Wall	Wall	7.33	7.33	7.33	7.33	29.30	10.00 ~ 32.20	2350	560 ~ 2790	10.4	2.5 ~ 12.4	98	
07+07+07+09	Wall	Wall	Wall	Wall	7.29	7.29	7.29	9.12	31.00	10.00 ~ 33.60	2600	560 ~ 3060	11.5	2.5 ~ 13.6	98	
07+07+07+09	Wall	Wall	Wall	Duct	7.13	7.13	7.13	8.91	30.30	9.90 ~ 32.50	2590	620 ~ 2900	11.5	2.8 ~ 12.9	98	
07+07+07+12	Wall	Wall	Wall	Wall	7.05	7.05	7.05	12.34	33.50	10.00 ~ 35.80	2990	560 ~ 3410	13.3	2.5 ~ 15.1	98	
07+07+07+12	Wall	Wall	Wall	Duct	6.84	6.84	6.84	11.97	32.50	9.90 ~ 34.60	2900	620 ~ 3310	12.9	2.8 ~ 14.7	98	
07+07+07+15	Wall	Wall	Wall	Wall	6.55	6.55	6.55	16.36	36.00	10.40 ~ 38.00	3320	510 ~ 3390	14.7	2.3 ~ 15.0	98	
07+07+07+15	Wall	Wall	Wall	Duct	6.33	6.33	6.33	15.82	34.80	10.20 ~ 36.80	3300	690 ~ 3440	14.6	3.1 ~ 15.3	98	
07+07+07+18	Wall	Wall	Wall	Wall	6.00	6.00	6.00	18.00	36.00	10.40 ~ 38.00	3330	510 ~ 3400	14.8	2.3 ~ 15.1	98	
07+07+07+18	Wall	Wall	Wall	Duct	5.80	5.80	5.80	17.40	34.80	10.20 ~ 36.80	3290	680 ~ 3420	14.6	3.0 ~ 15.2	98	
07+07+07+24	Wall	Wall	Wall	Wall	5.50	5.50	5.50	19.51	36.00	10.40 ~ 38.00	3270	480 ~ 3410	14.5	2.1 ~ 15.1	98	
07+07+07+24	Wall	Wall	Wall	Duct	5.34	5.34	5.34	18.97	35.00	10.30 ~ 37.00	3290	650 ~ 3430	14.6	2.9 ~ 15.2	98	
07+07+09+09	Wall	Wall	Wall	Wall	7.27	7.27	9.08	9.08	32.70	10.00 ~ 35.10	2860	560 ~ 3270	12.7	2.5 ~ 14.5	98	
07+07+09+09	Wall	Wall	Wall	Duct	7.07	7.07	8.83	8.83	31.80	10.00 ~ 33.90	2780	620 ~ 3180	12.3	2.8 ~ 14.1	98	
07+07+09+09	Wall	Wall	Duct	Duct	6.87	6.87	8.58	8.58	30.90	9.90 ~ 32.70	2700	670 ~ 3020	12.0	3.0 ~ 13.4	98	
07+07+09+12	Wall	Wall	Wall	Wall	7.04	7.04	8.80	12.32	35.20	10.10 ~ 37.30	3270	550 ~ 3420	14.5	2.4 ~ 15.2	98	
07+07+09+12	Wall	Wall	Wall	Duct	6.80	6.80	8.50	11.90	34.00	10.00 ~ 36.10	3180	620 ~ 3390	14.1	2.8 ~ 15.0	98	
07+07+09+12	Wall	Wall	Duct	Wall	6.80	6.80	8.50	11.90	34.00	10.00 ~ 36.10	3180	610 ~ 3390	14.1	2.7 ~ 15.0	98	
07+07+09+12	Wall	Wall	Duct	Duct	6.58	6.58	8.23	11.52	32.90	9.90 ~ 34.80	3090	670 ~ 3430	13.7	3.0 ~ 15.2	98	
07+07+09+15	Wall	Wall	Wall	Wall	6.26	6.26	7.83	15.65	36.00	10.40 ~ 38.00	3260	510 ~ 3400	14.5	2.3 ~ 15.1	98	
07+07+09+15	Wall	Wall	Wall	Duct	6.05	6.05	7.56	15.13	34.80	10.20 ~ 36.80	3300	690 ~ 3440	14.6	3.1 ~ 15.3	98	
07+07+09+15	Wall	Wall	Duct	Wall	6.05	6.05	7.57	15.13	34.80	10.30 ~ 36.80	3100	570 ~ 3380	13.8	2.5 ~ 15.0	98	
07+07+09+15	Wall	Wall	Duct	Duct	5.84	5.84	7.29	14.61	33.60	10.20 ~ 35.60	3140	740 ~ 3420	13.9	3.3 ~ 15.2	98	
07+07+09+18	Wall	Wall	Wall	Wall	5.76	5.76	7.19	17.28	36.00	10.40 ~ 38.00	3260	500 ~ 3400	14.5	2.2 ~ 15.1	98	
07+07+09+18	Wall	Wall	Wall	Duct	5.58	5.58	6.98	16.75	34.90	10.20 ~ 36.90	3290	670 ~ 3430	14.6	3.0 ~ 15.2	98	
07+07+09+18	Wall	Wall	Duct	Wall	5.58	5.58	6.98	16.75	34.90	10.40 ~ 36.90	3100	560 ~ 3380	13.8	2.5 ~ 15.0	98	
07+07+09+18	Wall	Wall	Duct	Duct	5.41	5.41	6.77	16.22	33.80	10.20 ~ 35.70	3130	730 ~ 3410	13.9	3.2 ~ 15.1	98	
07+07+09+24	Wall	Wall	Wall	Wall	5.29	5.29	6.61	18.79	36.00	10.40 ~ 38.00	3270	480 ~ 3420	14.5	2.1 ~ 15.2	98	
07+07+09+24	Wall	Wall	Wall	Duct	5.16	5.16	6.45	18.32	35.10	10.30 ~ 37.00	3290	650 ~ 3430	14.6	2.9 ~ 15.2	98	
07+07+09+24	Wall	Wall	Duct	Wall	5.16	5.16	6.45	18.32	35.10	10.40 ~ 37.00	3110	540 ~ 3390	13.8	2.4 ~ 15.0	98	
07+07+09+24	Wall	Wall	Duct	Duct	5.01	5.01	6.28	17.80	34.10	10.30 ~ 36.00	3130	710 ~ 3410	13.9	3.1 ~ 15.1	98	
07+07+12+12	Wall	Wall	Wall	Wall	6.55	6.55	11.45	11.45	36.00	10.10 ~ 38.00	3420	550 ~ 3420	15.2	2.4 ~ 15.2	98	
07+07+12+12	Wall	Wall	Wall	Duct	6.33	6.33	11.07	11.07	34.80	10.00 ~ 36.80	3320	610 ~ 3390	14.7	2.7 ~ 15.0	98	

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBTU/h)				Total capacity (kBTU/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
07+07+12+12	Wall	Wall	Duct	Duct	6.11	6.11	10.69	10.69	33.60	9.90 ~ 35.60	3160	670 ~ 3430	14.0	3.0 ~ 15.2	98	
07+07+12+15	Wall	Wall	Wall	Wall	5.76	5.76	10.07	14.40	36.00	10.40 ~ 38.00	3260	500 ~ 3400	14.5	2.2 ~ 15.1	98	
07+07+12+15	Wall	Wall	Wall	Duct	5.58	5.58	9.77	13.96	34.90	10.20 ~ 36.90	3300	680 ~ 3440	14.6	3.0 ~ 15.3	98	
07+07+12+15	Wall	Wall	Duct	Wall	5.58	5.58	9.77	13.96	34.90	10.30 ~ 36.90	3100	570 ~ 3450	13.8	2.5 ~ 15.3	98	
07+07+12+15	Wall	Wall	Duct	Duct	5.41	5.41	9.47	13.52	33.80	10.20 ~ 35.70	3140	740 ~ 3420	13.9	3.3 ~ 15.2	98	
07+07+12+18	Wall	Wall	Wall	Wall	5.33	5.33	9.33	16.00	36.00	10.40 ~ 38.00	3260	500 ~ 3400	14.5	2.2 ~ 15.1	98	
07+07+12+18	Wall	Wall	Wall	Duct	5.19	5.19	9.08	15.56	35.00	10.20 ~ 36.90	3290	670 ~ 3430	14.6	3.0 ~ 15.2	98	
07+07+12+18	Wall	Wall	Duct	Wall	5.19	5.19	9.07	15.56	35.00	10.40 ~ 36.90	3100	560 ~ 3380	13.8	2.5 ~ 15.0	98	
07+07+12+18	Wall	Wall	Duct	Duct	5.04	5.04	8.81	15.11	34.00	10.20 ~ 35.90	3200	730 ~ 3410	14.2	3.2 ~ 15.1	98	
07+07+15+15	Wall	Wall	Wall	Wall	5.14	5.14	12.86	12.86	36.00	10.40 ~ 38.00	3220	420 ~ 3440	14.3	1.9 ~ 15.3	98	
07+07+15+15	Wall	Wall	Wall	Duct	5.00	5.00	12.50	12.50	35.00	10.40 ~ 36.90	3140	620 ~ 3420	13.9	2.8 ~ 15.2	98	
07+07+15+15	Wall	Wall	Duct	Duct	4.86	4.86	12.14	12.14	34.00	10.30 ~ 35.90	3200	810 ~ 3400	14.2	3.6 ~ 15.1	98	
07+07+15+18	Wall	Wall	Wall	Wall	4.80	4.80	12.00	14.40	36.00	10.40 ~ 38.00	3260	500 ~ 3400	14.5	2.2 ~ 15.1	98	
07+07+15+18	Wall	Wall	Wall	Duct	4.68	4.68	11.71	14.04	35.10	10.20 ~ 37.00	3290	670 ~ 3430	14.6	3.0 ~ 15.2	98	
07+07+15+18	Wall	Wall	Duct	Wall	4.68	4.68	11.70	14.04	35.10	10.40 ~ 37.00	3260	660 ~ 3400	14.5	2.9 ~ 15.1	98	
07+07+15+18	Wall	Wall	Duct	Duct	4.55	4.55	11.37	13.64	34.10	10.20 ~ 36.00	3290	820 ~ 3430	14.6	3.6 ~ 15.2	98	
07+09+09+09	Wall	Wall	Wall	Wall	7.23	9.03	9.03	9.03	34.30	10.10 ~ 36.50	3130	560 ~ 3410	13.9	2.5 ~ 15.1	98	
07+09+09+09	Wall	Wall	Wall	Duct	6.99	8.74	8.74	8.74	33.20	9.90 ~ 35.30	3040	620 ~ 3450	13.5	2.8 ~ 15.3	98	
07+09+09+09	Wall	Wall	Duct	Duct	6.79	8.47	8.47	8.47	32.20	9.90 ~ 34.10	2960	670 ~ 3290	13.1	3.0 ~ 14.6	98	
07+09+09+09	Wall	Duct	Duct	Duct	6.55	8.18	8.18	8.18	31.10	9.90 ~ 32.90	2810	730 ~ 3140	12.5	3.2 ~ 13.9	98	
07+09+09+12	Wall	Wall	Wall	Wall	6.87	8.57	8.57	12.00	36.00	10.10 ~ 38.00	3420	550 ~ 3420	15.2	2.4 ~ 15.2	98	
07+09+09+12	Wall	Wall	Wall	Duct	6.63	8.29	8.29	11.60	34.80	10.00 ~ 36.80	3320	610 ~ 3390	14.7	2.7 ~ 15.0	98	
07+09+09+12	Wall	Wall	Duct	Wall	6.63	8.29	8.29	11.60	34.80	10.00 ~ 36.80	3250	610 ~ 3400	14.4	2.7 ~ 15.1	98	
07+09+09+12	Wall	Wall	Duct	Duct	6.41	8.00	8.00	11.20	33.60	10.00 ~ 35.60	3160	670 ~ 3440	14.0	3.0 ~ 15.3	98	
07+09+09+12	Wall	Duct	Duct	Wall	6.41	8.00	8.00	11.20	33.60	10.00 ~ 35.60	3160	670 ~ 3440	14.0	3.0 ~ 15.3	98	
07+09+09+12	Wall	Duct	Duct	Duct	6.15	7.69	7.69	10.77	32.30	9.90 ~ 34.30	3010	730 ~ 3340	13.4	3.2 ~ 14.8	98	
07+09+09+15	Wall	Wall	Wall	Wall	6.00	7.50	7.50	15.00	36.00	10.40 ~ 38.00	3260	500 ~ 3400	14.5	2.2 ~ 15.1	98	
07+09+09+15	Wall	Wall	Wall	Duct	5.81	7.27	7.27	14.54	34.90	10.20 ~ 36.80	3300	680 ~ 3440	14.6	3.0 ~ 15.3	98	
07+09+09+15	Wall	Wall	Duct	Wall	5.82	7.27	7.27	14.54	34.90	10.40 ~ 36.80	3100	560 ~ 3380	13.8	2.5 ~ 15.0	98	
07+09+09+15	Wall	Wall	Duct	Duct	5.61	7.02	7.02	14.04	33.70	10.20 ~ 35.70	3150	740 ~ 3420	14.0	3.3 ~ 15.2	98	
07+09+09+15	Wall	Duct	Duct	Wall	5.62	7.02	7.02	14.04	33.70	10.30 ~ 35.70	2950	620 ~ 3360	13.1	2.8 ~ 14.9	98	
07+09+09+15	Wall	Duct	Duct	Duct	5.43	6.79	6.79	13.58	32.60	10.20 ~ 34.50	3000	800 ~ 3330	13.3	3.5 ~ 14.8	98	
07+09+09+18	Wall	Wall	Wall	Wall	5.54	6.92	6.92	16.62	36.00	10.40 ~ 38.00	3260	500 ~ 3400	14.5	2.2 ~ 15.1	98	
07+09+09+18	Wall	Wall	Wall	Duct	5.37	6.73	6.73	16.15	35.00	10.20 ~ 36.90	3290	670 ~ 3430	14.6	3.0 ~ 15.2	98	
07+09+09+18	Wall	Wall	Duct	Wall	5.38	6.73	6.73	16.15	35.00	10.40 ~ 36.90	3100	560 ~ 3450	13.8	2.5 ~ 15.3	98	
07+09+09+18	Wall	Wall	Duct	Duct	5.22	6.52	6.52	15.65	33.90	10.20 ~ 35.80	3140	730 ~ 3410	13.9	3.2 ~ 15.1	98	
07+09+09+18	Wall	Duct	Duct	Wall	5.23	6.52	6.52	15.65	33.90	10.30 ~ 35.80	2950	620 ~ 3360	13.1	2.8 ~ 14.9	98	
07+09+09+18	Wall	Duct	Duct	Duct	5.05	6.33	6.33	15.18	32.90	10.20 ~ 34.70	3050	790 ~ 3390	13.5	3.5 ~ 15.0	98	
07+09+12+12	Wall	Wall	Wall	Wall	6.26	7.83	10.97	10.96	36.00	10.10 ~ 38.00	3420	550 ~ 3420	15.2	2.4 ~ 15.2	98	
07+09+12+12	Wall	Wall	Wall	Duct	6.07	7.59	10.62	10.62	34.90	10.00 ~ 36.80	3320	610 ~ 3400	14.7	2.7 ~ 15.1	98	
07+09+12+12	Wall	Wall	Duct	Duct	5.86	7.33	10.26	10.26	33.70	10.00 ~ 35.70	3160	670 ~ 3440	14.0	3.0 ~ 15.3	98	
07+09+12+12	Wall	Duct	Wall	Wall	6.07	7.59	10.62	10.62	34.90	10.10 ~ 36.80	3260	610 ~ 3400	14.5	2.7 ~ 15.1	98	
07+09+12+12	Wall	Duct	Wall	Duct	5.86	7.33	10.26	10.26	33.70	10.00 ~ 35.70	3160	670 ~ 3440	14.0	3.0 ~ 15.3	98	
07+09+12+12	Wall	Duct	Duct	Duct	5.67	7.09	9.92	9.92	32.60	9.90 ~ 34.50	3070	730 ~ 3410	13.6	3.2 ~ 15.1	98	
07+09+12+15	Wall	Wall	Wall	Wall	5.54	6.92	9.69	13.85	36.00	10.40 ~ 38.00	3260	500 ~ 3400	14.5	2.2 ~ 15.1	98	
07+09+12+15	Wall	Wall	Wall	Duct	5.38	6.73	9.41	13.46	35.00	10.30 ~ 36.90	3310	680 ~ 3450	14.7	3.0 ~ 15.3	98	
07+09+12+15	Wall	Wall	Duct	Wall	5.38	6.73	9.42	13.46	35.00	10.40 ~ 36.90	3100	560 ~ 3380	13.8	2.5 ~ 15.0	98	
07+09+12+15	Wall	Wall	Duct	Duct	5.22	6.52	9.13	13.04	33.90	10.20 ~ 35.80	3150	740 ~ 3420	14.0	3.3 ~ 15.2	98	
07+09+12+15	Wall	Wall	Duct	Duct	5.22	6.52	9.13	13.04	33.90	10.30 ~ 35.80	3010	620 ~ 3360	13.4	2.8 ~ 14.9	98	
07+09+12+15	Wall	Duct	Duct	Duct	5.06	6.33	8.86	12.65	32.90	10.20 ~ 34.70	3060	800 ~ 3400	13.6	3.5 ~ 15.1	98	
07+09+12+18	Wall	Wall	Wall	Wall	5.14	6.43	9.00	15.43	36.00	10.40 ~ 38.00	3260	490 ~ 3410	14.5	2.2 ~ 15.1	98	
07+09+12+18	Wall	Wall	Wall	Duct	5.00	6.25	8.74	15.00	35.00	10.30 ~ 37.00	3300	670 ~ 3440	14.6	3.0 ~ 15.3	98	
07+09+12+18	Wall	Wall	Duct	Wall	5.00	6.25	8.75	15.00	35.00	10.40 ~ 37.00	3100	560 ~ 3380	13.8	2.5 ~ 15.0	98	
07+09+12+18	Wall	Wall	Duct	Duct	4.87	6.09	8.53	14.61	34.10	10.20 ~ 35.90	3200	730 ~ 3410	14.2	3.2 ~ 15.1	98	
07+09+12+18	Wall	Duct	Wall	Wall	5.00	6.25	8.75	15.00	35.00	10.40 ~ 37.00	3100	550 ~ 3450	13.8	2.4 ~ 15.3	98	
07+09+12+18	Wall	Duct	Wall	Duct	4.87	6.09	8.53	14.61	34.10	10.20 ~ 35.90	3210	730 ~ 3410	14.2	3.2 ~ 15.1	98	
07+09+12+18	Wall	Duct	Duct	Wall	4.87	6.09	8.53	14.61	34.10	10.30 ~ 35.90	3020	620 ~ 3360	13.4	2.8 ~ 14.9	98	
07+09+12+18	Wall	Duct	Duct	Duct	4.73	5.91	8.28	14.19	33.10	10.20 ~ 34.90	3120	790 ~ 3460	13.8	3.5 ~ 15.4	98	
07+09+15+15	Wall	Wall	Wall	Wall	4.97	6.21	12.42	12.41	36.00	10.40 ~ 38.00	3230	420 ~ 3440	14.3	1.9 ~ 15.3	98	

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBTu/h)				Total capacity (kBTu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
09+09+12+15	Duct	Duct	Wall	Wall	6.30	6.30	8.81	12.59	34.00	10.40 ~ 35.90	2950	610 ~ 3360	13.1	2.7 ~ 14.9	98	
09+09+12+15	Duct	Duct	Wall	Duct	6.11	6.11	8.56	12.22	33.00	10.20 ~ 34.90	3070	790 ~ 3410	13.6	3.5 ~ 15.1	98	
09+09+12+15	Duct	Duct	Duct	Wall	6.11	6.11	8.56	12.22	33.00	10.30 ~ 34.90	2870	680 ~ 3270	12.7	3.0 ~ 14.5	98	
09+09+12+15	Duct	Duct	Duct	Duct	5.93	5.93	8.29	11.85	32.00	10.10 ~ 33.80	2990	860 ~ 3320	13.3	3.8 ~ 14.7	98	
09+09+12+18	Wall	Wall	Wall	Wall	6.21	6.21	8.70	14.90	36.00	10.40 ~ 38.00	3270	490 ~ 3410	14.5	2.2 ~ 15.1	98	
09+09+12+18	Wall	Wall	Wall	Duct	6.05	6.05	8.47	14.52	35.10	10.30 ~ 37.00	3300	660 ~ 3440	14.6	2.9 ~ 15.3	98	
09+09+12+18	Wall	Wall	Duct	Wall	6.05	6.05	8.47	14.52	35.10	10.40 ~ 37.00	3100	560 ~ 3380	13.8	2.5 ~ 15.0	98	
09+09+12+18	Wall	Wall	Duct	Duct	5.90	5.90	8.26	14.15	34.20	10.20 ~ 36.00	3210	730 ~ 3410	14.2	3.2 ~ 15.1	98	
09+09+12+18	Wall	Duct	Wall	Wall	6.05	6.05	8.47	14.52	35.10	10.40 ~ 37.00	3110	550 ~ 3390	13.8	2.4 ~ 15.0	98	
09+09+12+18	Wall	Duct	Wall	Duct	5.90	5.90	8.26	14.15	34.20	10.20 ~ 36.00	3210	720 ~ 3420	14.2	3.2 ~ 15.2	98	
09+09+12+18	Wall	Duct	Duct	Wall	5.90	5.90	8.26	14.15	34.20	10.40 ~ 36.00	3020	620 ~ 3360	13.4	2.8 ~ 14.9	98	
09+09+12+18	Wall	Duct	Duct	Duct	5.72	5.72	8.01	13.74	33.20	10.20 ~ 35.00	3120	790 ~ 3460	13.8	3.5 ~ 15.4	98	
09+09+12+18	Duct	Duct	Wall	Wall	5.90	5.90	8.26	14.15	34.20	10.40 ~ 36.00	3020	610 ~ 3360	13.4	2.7 ~ 14.9	98	
09+09+12+18	Duct	Duct	Wall	Duct	5.72	5.72	8.01	13.74	33.20	10.20 ~ 35.00	3060	780 ~ 3400	13.6	3.5 ~ 15.1	98	
09+09+12+18	Duct	Duct	Duct	Wall	5.72	5.72	8.01	13.74	33.20	10.30 ~ 35.00	2940	680 ~ 3270	13.0	3.0 ~ 14.5	98	
09+09+12+18	Duct	Duct	Duct	Duct	5.57	5.57	7.79	13.37	32.30	10.10 ~ 34.00	3040	840 ~ 3300	13.5	3.7 ~ 14.6	98	
09+09+15+15	Wall	Wall	Wall	Wall	6.00	6.00	12.00	12.00	36.00	10.40 ~ 38.00	3300	410 ~ 3440	14.6	1.8 ~ 15.3	98	
09+09+15+15	Wall	Wall	Wall	Duct	5.85	5.85	11.70	11.70	35.10	10.40 ~ 37.00	3150	610 ~ 3430	14.0	2.7 ~ 15.2	98	
09+09+15+15	Wall	Wall	Duct	Duct	5.70	5.70	11.40	11.40	34.20	10.40 ~ 36.00	3200	800 ~ 3410	14.2	3.5 ~ 15.1	98	
09+09+15+15	Wall	Duct	Wall	Wall	5.85	5.85	11.70	11.70	35.10	10.40 ~ 37.00	2900	550 ~ 3460	12.9	2.4 ~ 15.4	98	
09+09+15+15	Wall	Duct	Wall	Duct	5.70	5.70	11.40	11.40	34.20	10.40 ~ 36.00	3060	670 ~ 3400	13.6	3.0 ~ 15.1	98	
09+09+15+15	Wall	Duct	Duct	Duct	5.53	5.53	11.07	11.07	33.20	10.30 ~ 35.00	3120	860 ~ 3460	13.8	3.8 ~ 15.4	98	
09+09+15+15	Duct	Duct	Wall	Wall	5.70	5.70	11.40	11.40	34.20	10.40 ~ 36.00	2920	540 ~ 3330	13.0	2.4 ~ 14.8	98	
09+09+15+15	Duct	Duct	Wall	Duct	5.53	5.53	11.07	11.07	33.20	10.40 ~ 35.00	2920	740 ~ 3250	13.0	3.3 ~ 14.4	98	
09+09+15+15	Duct	Duct	Duct	Duct	5.38	5.38	10.77	10.77	32.30	10.30 ~ 34.00	3040	920 ~ 3300	13.5	4.1 ~ 14.6	98	
09+12+12+12	Wall	Wall	Wall	Wall	6.93	9.69	9.69	9.69	36.00	10.20 ~ 38.00	3430	540 ~ 3430	15.2	2.4 ~ 15.2	98	
09+12+12+12	Wall	Wall	Wall	Duct	6.72	9.42	9.42	9.42	35.00	10.10 ~ 37.00	3260	610 ~ 3400	14.5	2.7 ~ 15.1	98	
09+12+12+12	Wall	Wall	Duct	Duct	6.54	9.15	9.15	9.15	34.00	10.00 ~ 35.90	3170	670 ~ 3450	14.1	3.0 ~ 15.3	98	
09+12+12+12	Wall	Duct	Duct	Duct	6.35	8.88	8.88	8.88	33.00	9.90 ~ 34.90	3140	730 ~ 3420	13.9	3.2 ~ 15.2	98	
09+12+12+12	Duct	Wall	Wall	Wall	6.72	9.42	9.42	9.42	35.00	10.10 ~ 37.00	3270	600 ~ 3410	14.5	2.7 ~ 15.1	98	
09+12+12+12	Duct	Wall	Wall	Duct	6.54	9.15	9.15	9.15	34.00	10.10 ~ 35.90	3170	660 ~ 3450	14.1	2.9 ~ 15.3	98	
09+12+12+12	Duct	Wall	Duct	Duct	6.35	8.88	8.88	8.88	33.00	10.00 ~ 34.90	3080	720 ~ 3420	13.7	3.2 ~ 15.2	98	
09+12+12+12	Duct	Duct	Duct	Duct	6.16	8.62	8.62	8.62	32.00	9.90 ~ 33.80	3060	780 ~ 3330	13.6	3.5 ~ 14.8	98	
09+12+12+15	Wall	Wall	Wall	Wall	6.21	8.69	8.69	12.41	36.00	10.40 ~ 38.00	3270	490 ~ 3410	14.5	2.2 ~ 15.1	98	
09+12+12+15	Wall	Wall	Wall	Duct	6.05	8.47	8.47	12.10	35.10	10.30 ~ 37.00	3320	670 ~ 3390	14.7	3.0 ~ 15.0	98	
09+12+12+15	Wall	Wall	Duct	Wall	6.05	8.47	8.47	12.10	35.10	10.40 ~ 37.00	3110	550 ~ 3380	13.8	2.4 ~ 15.0	98	
09+12+12+15	Wall	Wall	Duct	Duct	5.90	8.26	8.26	11.79	34.20	10.20 ~ 36.00	3220	730 ~ 3430	14.3	3.2 ~ 15.2	98	
09+12+12+15	Wall	Duct	Duct	Wall	5.90	8.26	8.26	11.79	34.20	10.40 ~ 36.00	3020	620 ~ 3430	13.4	2.8 ~ 15.2	98	
09+12+12+15	Wall	Duct	Duct	Duct	5.72	8.01	8.01	11.45	33.20	10.20 ~ 35.00	3130	800 ~ 3400	13.9	3.5 ~ 15.1	98	
09+12+12+15	Duct	Wall	Wall	Wall	6.05	8.47	8.47	12.10	35.10	10.40 ~ 37.00	3110	550 ~ 3390	13.8	2.4 ~ 15.0	98	
09+12+12+15	Duct	Wall	Wall	Duct	5.90	8.26	8.26	11.79	34.20	10.30 ~ 36.00	3160	730 ~ 3430	14.0	3.2 ~ 15.2	98	
09+12+12+15	Duct	Wall	Duct	Wall	5.90	8.26	8.26	11.79	34.20	10.40 ~ 36.00	3020	610 ~ 3360	13.4	2.7 ~ 14.9	98	
09+12+12+15	Duct	Wall	Duct	Duct	5.72	8.01	8.01	11.45	33.20	10.20 ~ 35.00	3070	790 ~ 3410	13.6	3.5 ~ 15.1	98	
09+12+12+15	Duct	Duct	Duct	Wall	5.72	8.01	8.01	11.45	33.20	10.30 ~ 35.00	2930	680 ~ 3270	13.0	3.0 ~ 14.5	98	
09+12+12+15	Duct	Duct	Duct	Duct	5.57	7.80	7.80	11.14	32.30	10.10 ~ 34.00	3050	860 ~ 3320	13.5	3.8 ~ 14.7	98	
12+12+12+12	Wall	Wall	Wall	Wall	9.00	9.00	9.00	9.00	36.00	10.20 ~ 38.00	3370	540 ~ 3440	15.0	2.4 ~ 15.3	98	
12+12+12+12	Wall	Wall	Wall	Duct	8.78	8.78	8.78	8.78	35.10	10.10 ~ 37.00	3270	600 ~ 3410	14.5	2.7 ~ 15.1	98	
12+12+12+12	Wall	Wall	Duct	Duct	8.55	8.55	8.55	8.55	34.20	10.10 ~ 36.00	3240	660 ~ 3450	14.4	2.9 ~ 15.3	98	
12+12+12+12	Wall	Duct	Duct	Duct	8.30	8.30	8.30	8.30	33.20	10.00 ~ 35.00	3150	720 ~ 3420	14.0	3.2 ~ 15.2	98	
12+12+12+12	Duct	Duct	Duct	Duct	8.08	8.08	8.08	8.08	32.30	9.90 ~ 34.00	3060	780 ~ 3390	13.6	3.5 ~ 15.0	98	

- Notes:**
1. Cooling capacity is based on 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB) (Indoor temperature), 95°FDB (35°CDB) / 75°FWB (24°CWB) (Outdoor temperature).
Heating capacity is based on 70°FDB (21°CDB) / 60°FWB (15.6°CWB) (Indoor temperature), 47°FDB (8.3°CDB) / 43°FWB (6°CWB) (Outdoor temperature).
 2. The total ability of connected indoor units is up to 48.0 kBTU/h.
 3. It is impossible to connect the indoor unit for one room only.
 4. The above is the value for connecting with the following indoor units.
7.0 kBTU/h class; wall mount type L series
9.0 kBTU/h class; wall mount type L series or Duct type L series
12.0 kBTU/h class; wall mount type L series or Duct type L series
15.0 kBTU/h class; wall mount type L series or Duct type L series
18.0 kBTU/h class; wall mount type L series or Duct type L series
24.0 kBTU/h class; wall mount type L series or Duct type L series

C: 3D093918
C: 3D093919
C: 3D093920
C: 3D093921
C: 3D093922
C: 3D093923
C: 3D093924
C: 3D093925
C: 3D093926
C: 3D093927
C: 3D093928
C: 3D093930
C: 3D093931
C: 3D093932

Heating [60 Hz, 230 V]

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
07	Wall	—	—	—	8.80	—	—	—	8.80	8.30 ~ 9.70	420	380 ~ 490	1.9	1.7 ~ 2.2	98	
09	Wall	—	—	—	11.30	—	—	—	11.30	11.20 ~ 12.50	620	590 ~ 690	2.8	2.6 ~ 3.1	98	
09	Duct	—	—	—	10.70	—	—	—	10.70	10.60 ~ 12.50	620	580 ~ 750	2.8	2.6 ~ 3.3	98	
12	Wall	—	—	—	15.00	—	—	—	15.00	11.10 ~ 16.70	860	580 ~ 1000	3.8	2.6 ~ 4.4	98	
12	Duct	—	—	—	14.30	—	—	—	14.30	11.60 ~ 16.70	880	670 ~ 1150	3.9	3.0 ~ 5.1	98	
15	Wall	—	—	—	18.80	—	—	—	18.80	10.50 ~ 20.80	1010	540 ~ 1140	4.5	2.4 ~ 5.1	98	
15	Duct	—	—	—	17.00	—	—	—	17.00	11.20 ~ 20.80	1180	730 ~ 1560	5.2	3.2 ~ 6.9	98	
18	Wall	—	—	—	22.50	—	—	—	22.50	10.50 ~ 25.00	1260	540 ~ 1450	5.6	2.4 ~ 6.4	98	
18	Duct	—	—	—	19.70	—	—	—	19.70	11.20 ~ 25.00	1420	720 ~ 2020	6.3	3.2 ~ 9.0	98	
24	Wall	—	—	—	27.00	—	—	—	27.00	10.30 ~ 34.40	1570	530 ~ 2310	7.0	2.4 ~ 10.2	98	
24	Duct	—	—	—	25.00	—	—	—	25.00	11.10 ~ 29.70	1950	700 ~ 2550	8.7	3.1 ~ 11.3	98	
07+07	Wall	Wall	—	—	8.75	8.75	—	—	17.50	10.40 ~ 19.40	870	530 ~ 990	3.9	2.4 ~ 4.4	98	
07+09	Wall	Wall	—	—	8.89	11.11	—	—	20.00	10.30 ~ 22.20	990	520 ~ 1150	4.4	2.3 ~ 5.1	98	
07+09	Wall	Duct	—	—	8.44	10.56	—	—	19.00	10.60 ~ 22.20	1070	590 ~ 1300	4.7	2.6 ~ 5.8	98	
07+12	Wall	Wall	—	—	8.47	14.83	—	—	23.30	10.20 ~ 26.60	1180	520 ~ 1460	5.2	2.3 ~ 6.5	98	
07+12	Wall	Duct	—	—	7.96	13.94	—	—	21.90	10.60 ~ 26.20	1270	590 ~ 1650	5.6	2.6 ~ 7.3	98	
07+15	Wall	Wall	—	—	7.29	18.21	—	—	25.50	9.80 ~ 31.30	1230	480 ~ 1690	5.5	2.1 ~ 7.5	98	
07+15	Wall	Duct	—	—	6.97	17.43	—	—	24.40	10.30 ~ 29.70	1460	670 ~ 1930	6.5	3.0 ~ 8.6	98	
07+18	Wall	Wall	—	—	6.95	20.85	—	—	27.80	9.70 ~ 36.00	1390	480 ~ 2100	6.2	2.1 ~ 9.3	98	
07+18	Wall	Duct	—	—	6.68	20.02	—	—	26.70	10.30 ~ 33.20	1640	660 ~ 2270	7.3	2.9 ~ 10.1	98	
07+24	Wall	Wall	—	—	7.10	25.20	—	—	32.30	9.60 ~ 39.80	1740	470 ~ 2480	7.7	2.1 ~ 11.0	98	
07+24	Wall	Duct	—	—	6.68	23.71	—	—	30.40	10.20 ~ 37.30	1910	640 ~ 2700	8.5	2.8 ~ 12.0	98	
09+09	Wall	Wall	—	—	11.25	11.25	—	—	22.50	10.20 ~ 25.00	1150	520 ~ 1320	5.1	2.3 ~ 5.9	98	
09+09	Wall	Duct	—	—	11.15	11.15	—	—	22.30	10.50 ~ 25.00	1270	590 ~ 1480	5.6	2.6 ~ 6.6	98	
09+09	Duct	Duct	—	—	11.05	11.05	—	—	22.10	10.80 ~ 25.00	1440	660 ~ 1680	6.4	2.9 ~ 7.5	98	
09+12	Wall	Wall	—	—	10.33	14.47	—	—	24.80	10.10 ~ 29.70	1290	510 ~ 1660	5.7	2.3 ~ 7.4	98	
09+12	Wall	Duct	—	—	9.83	13.77	—	—	23.60	10.50 ~ 28.50	1370	590 ~ 1810	6.1	2.6 ~ 8.0	98	
09+12	Duct	Wall	—	—	9.83	13.77	—	—	23.60	10.40 ~ 28.50	1340	580 ~ 1760	5.9	2.6 ~ 7.8	98	
09+12	Duct	Duct	—	—	9.29	13.00	—	—	22.30	10.80 ~ 27.30	1440	660 ~ 1940	6.4	2.9 ~ 8.6	98	
09+15	Wall	Wall	—	—	9.00	18.00	—	—	27.00	9.70 ~ 34.40	1310	480 ~ 1960	5.8	2.1 ~ 8.7	98	
09+15	Wall	Duct	—	—	8.67	17.33	—	—	26.00	10.20 ~ 32.10	1540	660 ~ 2100	6.8	2.9 ~ 9.3	98	
09+15	Duct	Wall	—	—	8.67	17.33	—	—	26.00	9.90 ~ 32.10	1350	550 ~ 1870	6.0	2.4 ~ 8.3	98	
09+15	Duct	Duct	—	—	8.33	16.67	—	—	25.00	10.50 ~ 30.80	1630	730 ~ 2080	7.2	3.2 ~ 9.2	98	
09+18	Wall	Wall	—	—	8.62	20.68	—	—	29.30	9.70 ~ 37.30	1480	480 ~ 2210	6.6	2.1 ~ 9.8	98	
09+18	Wall	Duct	—	—	8.21	19.69	—	—	27.90	10.20 ~ 34.70	1680	650 ~ 2410	7.5	2.9 ~ 10.7	98	
09+18	Duct	Wall	—	—	8.21	19.69	—	—	27.90	9.90 ~ 34.70	1480	540 ~ 2120	6.6	2.4 ~ 9.4	98	
09+18	Duct	Duct	—	—	7.79	18.71	—	—	26.50	10.50 ~ 32.00	1780	720 ~ 2350	7.9	3.2 ~ 10.4	98	
09+24	Wall	Wall	—	—	8.80	25.00	—	—	33.80	9.60 ~ 41.10	1850	470 ~ 2620	8.2	2.1 ~ 11.6	98	
09+24	Wall	Duct	—	—	8.26	23.44	—	—	31.70	10.10 ~ 38.60	2000	630 ~ 2800	8.9	2.8 ~ 12.4	98	
09+24	Duct	Wall	—	—	8.26	23.44	—	—	31.70	9.80 ~ 38.60	1780	540 ~ 2490	7.9	2.4 ~ 11.0	98	
09+24	Duct	Duct	—	—	7.68	21.82	—	—	29.50	10.40 ~ 36.00	1980	700 ~ 2780	8.8	3.1 ~ 12.3	98	
12+12	Wall	Wall	—	—	13.50	13.50	—	—	27.00	10.00 ~ 34.40	1400	500 ~ 2090	6.2	2.2 ~ 9.3	98	
12+12	Duct	Wall	—	—	17.40	17.40	—	—	34.80	10.40 ~ 34.80	2440	580 ~ 2490	10.8	2.6 ~ 11.0	98	
12+12	Duct	Duct	—	—	15.90	15.90	—	—	31.80	10.80 ~ 31.80	2470	660 ~ 2520	11.0	2.9 ~ 11.2	98	
12+15	Wall	Wall	—	—	12.06	17.24	—	—	29.30	9.60 ~ 37.30	1470	480 ~ 2210	6.5	2.1 ~ 9.8	98	
12+15	Wall	Duct	—	—	11.49	16.41	—	—	27.90	10.10 ~ 34.70	1650	650 ~ 2320	7.3	2.9 ~ 10.3	98	
12+15	Duct	Wall	—	—	11.49	16.41	—	—	27.90	9.90 ~ 34.70	1490	550 ~ 2130	6.6	2.4 ~ 9.4	98	
12+15	Duct	Duct	—	—	10.91	15.59	—	—	26.50	10.50 ~ 32.00	1790	730 ~ 2360	7.9	3.2 ~ 10.5	98	
12+18	Wall	Wall	—	—	11.61	19.89	—	—	31.50	9.60 ~ 39.20	1650	470 ~ 2430	7.3	2.1 ~ 10.8	98	
12+18	Wall	Duct	—	—	10.98	18.82	—	—	29.80	10.10 ~ 36.60	1840	640 ~ 2550	8.2	2.8 ~ 11.3	98	
12+18	Duct	Wall	—	—	10.98	18.82	—	—	29.80	9.90 ~ 36.60	1620	540 ~ 2300	7.2	2.4 ~ 10.2	98	
12+18	Duct	Duct	—	—	10.32	17.68	—	—	28.00	10.50 ~ 34.00	1900	720 ~ 2590	8.4	3.2 ~ 11.5	98	
12+24	Wall	Wall	—	—	11.89	24.11	—	—	36.00	9.50 ~ 43.00	2050	470 ~ 2860	9.1	2.1 ~ 12.7	98	
12+24	Wall	Duct	—	—	11.06	22.44	—	—	33.50	10.00 ~ 40.50	2130	630 ~ 3020	9.4	2.8 ~ 13.4	98	
12+24	Duct	Wall	—	—	11.06	22.44	—	—	33.50	9.80 ~ 40.50	1940	540 ~ 2680	8.6	2.4 ~ 11.9	98	
12+24	Duct	Duct	—	—	10.24	20.76	—	—	31.00	10.40 ~ 38.00	2150	700 ~ 3050	9.5	3.1 ~ 13.5	98	
15+15	Wall	Wall	—	—	15.75	15.75	—	—	31.50	9.30 ~ 39.20	1660	450 ~ 2420	7.4	2.0 ~ 10.7	98	
15+15	Duct	Wall	—	—	14.90	14.90	—	—	29.80	9.70 ~ 36.60	1670	620 ~ 2320	7.4	2.8 ~ 10.3	98	



Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
07+07+12+12	Wall	Wall	Duct	Duct	6.11	6.11	10.69	10.69	33.60	9.30 ~ 40.50	1960	560 ~ 2660	8.7	2.5 ~ 11.8	98	
07+07+12+15	Wall	Wall	Wall	Wall	5.76	5.76	10.08	14.41	36.00	9.00 ~ 43.00	2890	420 ~ 3550	12.8	1.9 ~ 15.7	98	
07+07+12+15	Wall	Wall	Wall	Duct	5.58	5.58	9.77	13.96	34.90	9.10 ~ 41.80	2360	580 ~ 3130	10.5	2.6 ~ 13.9	98	
07+07+12+15	Wall	Wall	Duct	Wall	5.58	5.58	9.77	13.96	34.90	9.00 ~ 41.80	2430	480 ~ 3210	10.8	2.1 ~ 14.2	98	
07+07+12+15	Wall	Wall	Duct	Duct	5.39	5.39	9.44	13.47	33.70	9.20 ~ 40.50	2140	640 ~ 2850	9.5	2.8 ~ 12.6	98	
07+07+12+18	Wall	Wall	Wall	Wall	5.33	5.33	9.33	16.00	36.00	9.00 ~ 43.00	2930	420 ~ 3540	13.0	1.9 ~ 15.7	98	
07+07+12+18	Wall	Wall	Wall	Duct	5.17	5.17	9.05	15.50	34.90	9.10 ~ 41.80	2350	570 ~ 3120	10.4	2.5 ~ 13.8	98	
07+07+12+18	Wall	Wall	Duct	Wall	5.17	5.17	9.05	15.50	34.90	9.00 ~ 41.80	2510	480 ~ 3290	11.1	2.1 ~ 14.6	98	
07+07+12+18	Wall	Wall	Duct	Duct	5.02	5.02	8.79	15.07	33.90	9.20 ~ 40.50	2130	630 ~ 2840	9.4	2.8 ~ 12.6	98	
07+07+15+15	Wall	Wall	Wall	Wall	5.14	5.14	12.86	12.86	36.00	9.00 ~ 43.00	3550	420 ~ 3650	15.7	1.9 ~ 16.2	98	
07+07+15+15	Wall	Wall	Wall	Duct	4.99	4.99	12.46	12.46	34.90	9.00 ~ 41.80	2810	570 ~ 3560	12.5	2.5 ~ 15.8	98	
07+07+15+15	Wall	Wall	Duct	Duct	4.84	4.84	12.11	12.11	33.90	9.10 ~ 40.50	2370	720 ~ 3040	10.5	3.2 ~ 13.5	98	
07+07+15+18	Wall	Wall	Wall	Wall	4.80	4.80	12.00	14.40	36.00	9.00 ~ 43.00	3550	420 ~ 3700	15.7	1.9 ~ 16.4	98	
07+07+15+18	Wall	Wall	Wall	Duct	4.67	4.67	11.68	14.00	35.00	9.00 ~ 41.80	2850	560 ~ 3550	12.6	2.5 ~ 15.7	98	
07+07+15+18	Wall	Wall	Duct	Wall	4.67	4.67	11.67	14.00	35.00	9.00 ~ 41.80	2850	570 ~ 3550	12.6	2.5 ~ 15.7	98	
07+07+15+18	Wall	Wall	Duct	Duct	4.53	4.53	11.33	13.60	34.00	9.10 ~ 40.50	2360	710 ~ 3030	10.5	3.1 ~ 13.4	98	
07+09+09+09	Wall	Wall	Wall	Wall	7.27	9.08	9.08	9.08	34.50	9.10 ~ 41.70	2180	430 ~ 2990	9.7	1.9 ~ 13.3	98	
07+09+09+09	Wall	Wall	Wall	Duct	7.02	8.79	8.79	8.79	33.40	9.30 ~ 40.50	1940	500 ~ 2640	8.6	2.2 ~ 11.7	98	
07+09+09+09	Wall	Wall	Duct	Duct	6.80	8.50	8.50	8.50	32.30	9.30 ~ 39.20	1880	560 ~ 2520	8.3	2.5 ~ 11.2	98	
07+09+09+09	Wall	Duct	Duct	Duct	6.54	8.18	8.18	8.18	31.10	9.50 ~ 38.00	1800	620 ~ 2420	8.0	2.8 ~ 10.7	98	
07+09+09+12	Wall	Wall	Wall	Wall	6.86	8.57	8.57	12.00	36.00	9.10 ~ 43.00	2400	430 ~ 3240	10.6	1.9 ~ 14.4	98	
07+09+09+12	Wall	Wall	Wall	Duct	6.63	8.29	8.29	11.60	34.80	9.20 ~ 41.80	2110	490 ~ 2880	9.4	2.2 ~ 12.8	98	
07+09+09+12	Wall	Wall	Duct	Wall	6.63	8.29	8.29	11.60	34.80	9.10 ~ 41.80	2190	490 ~ 2910	9.7	2.2 ~ 12.9	98	
07+09+09+12	Wall	Wall	Duct	Duct	6.40	8.00	8.00	11.19	33.60	9.30 ~ 40.50	1970	550 ~ 2670	8.7	2.4 ~ 11.8	98	
07+09+09+12	Wall	Duct	Duct	Wall	6.40	8.00	8.00	11.19	33.60	9.30 ~ 40.50	1990	550 ~ 2680	8.8	2.4 ~ 11.9	98	
07+09+09+12	Wall	Duct	Duct	Duct	6.15	7.69	7.69	10.78	32.30	9.50 ~ 39.30	1880	620 ~ 2560	8.3	2.8 ~ 11.4	98	
07+09+09+15	Wall	Wall	Wall	Wall	6.00	7.50	7.50	15.00	36.00	9.00 ~ 43.00	2890	420 ~ 3560	12.8	1.9 ~ 15.8	98	
07+09+09+15	Wall	Wall	Wall	Duct	5.80	7.25	7.25	14.50	34.80	9.10 ~ 41.80	2360	580 ~ 3130	10.5	2.6 ~ 13.9	98	
07+09+09+15	Wall	Wall	Duct	Wall	5.80	7.25	7.25	14.50	34.80	9.00 ~ 41.80	2540	480 ~ 3330	11.3	2.1 ~ 14.8	98	
07+09+09+15	Wall	Wall	Duct	Duct	5.62	7.02	7.02	14.03	33.70	9.20 ~ 40.50	2170	640 ~ 2870	9.6	2.8 ~ 12.7	98	
07+09+09+15	Wall	Duct	Duct	Wall	5.62	7.02	7.02	14.03	33.70	9.10 ~ 40.50	2250	530 ~ 2960	10.0	2.4 ~ 13.1	98	
07+09+09+15	Wall	Duct	Duct	Duct	5.42	6.77	6.77	13.54	32.50	9.30 ~ 39.30	2030	700 ~ 2670	9.0	3.1 ~ 11.8	98	
07+09+09+18	Wall	Wall	Wall	Wall	5.54	6.92	6.92	16.63	36.00	9.00 ~ 43.00	2930	420 ~ 3550	13.0	1.9 ~ 15.7	98	
07+09+09+18	Wall	Wall	Wall	Duct	5.37	6.71	6.71	16.11	34.90	9.10 ~ 41.80	2390	570 ~ 3120	10.6	2.5 ~ 13.8	98	
07+09+09+18	Wall	Wall	Duct	Wall	5.37	6.71	6.71	16.11	34.90	9.00 ~ 41.80	2570	480 ~ 3360	11.4	2.1 ~ 14.9	98	
07+09+09+18	Wall	Wall	Duct	Duct	5.20	6.50	6.50	15.60	33.80	9.20 ~ 40.50	2160	630 ~ 2860	9.6	2.8 ~ 12.7	98	
07+09+09+18	Wall	Duct	Duct	Wall	5.20	6.50	6.50	15.60	33.80	9.10 ~ 40.50	2270	530 ~ 2990	10.1	2.4 ~ 13.3	98	
07+09+09+18	Wall	Duct	Duct	Duct	5.03	6.29	6.29	15.10	32.70	9.30 ~ 39.30	2060	690 ~ 2660	9.1	3.1 ~ 11.8	98	
07+09+12+12	Wall	Wall	Wall	Wall	6.26	7.83	10.96	10.96	36.00	9.00 ~ 43.00	2490	430 ~ 3290	11.0	1.9 ~ 14.6	98	
07+09+12+12	Wall	Wall	Wall	Duct	6.05	7.57	10.59	10.59	34.80	9.10 ~ 41.80	2190	490 ~ 2910	9.7	2.2 ~ 12.9	98	
07+09+12+12	Wall	Wall	Duct	Duct	5.86	7.33	10.26	10.26	33.70	9.30 ~ 40.50	1970	550 ~ 2670	8.7	2.4 ~ 11.8	98	
07+09+12+12	Wall	Duct	Wall	Wall	6.05	7.57	10.59	10.59	34.80	9.10 ~ 41.80	2220	490 ~ 2990	9.8	2.2 ~ 13.3	98	
07+09+12+12	Wall	Duct	Wall	Duct	5.86	7.33	10.26	10.26	33.70	9.30 ~ 40.50	2030	550 ~ 2680	9.0	2.4 ~ 11.9	98	
07+09+12+12	Wall	Duct	Duct	Duct	5.64	7.07	9.89	9.89	32.50	9.50 ~ 39.30	1880	620 ~ 2560	8.3	2.8 ~ 11.4	98	
07+09+12+15	Wall	Wall	Wall	Wall	5.54	6.92	9.69	13.85	36.00	9.00 ~ 43.00	3020	420 ~ 3540	13.4	1.9 ~ 15.7	98	
07+09+12+15	Wall	Wall	Wall	Duct	5.37	6.71	9.40	13.42	34.90	9.10 ~ 41.80	2450	570 ~ 3230	10.9	2.5 ~ 14.3	98	
07+09+12+15	Wall	Wall	Duct	Wall	5.37	6.71	9.40	13.42	34.90	9.00 ~ 41.80	2540	480 ~ 3330	11.3	2.1 ~ 14.8	98	
07+09+12+15	Wall	Wall	Duct	Duct	5.20	6.50	9.10	13.00	33.80	9.20 ~ 40.50	2170	640 ~ 2870	9.6	2.8 ~ 12.7	98	
07+09+12+15	Wall	Duct	Wall	Wall	5.37	6.71	9.40	13.42	34.90	9.00 ~ 41.80	2600	480 ~ 3440	11.5	2.1 ~ 15.3	98	
07+09+12+15	Wall	Duct	Wall	Duct	5.20	6.50	9.10	13.00	33.80	9.10 ~ 40.50	2200	630 ~ 2910	9.8	2.8 ~ 12.9	98	
07+09+12+15	Wall	Duct	Duct	Wall	5.20	6.50	9.10	13.00	33.80	9.10 ~ 40.50	2250	530 ~ 2960	10.0	2.4 ~ 13.1	98	
07+09+12+15	Wall	Duct	Duct	Duct	5.03	6.29	8.80	12.58	32.70	9.30 ~ 39.30	2030	700 ~ 2670	9.0	3.1 ~ 11.8	98	
07+09+12+18	Wall	Wall	Wall	Wall	5.14	6.43	9.00	15.43	36.00	9.00 ~ 43.00	3060	420 ~ 3540	13.6	1.9 ~ 15.7	98	
07+09+12+18	Wall	Wall	Wall	Duct	5.00	6.25	8.74	15.00	35.00	9.10 ~ 41.80	2440	560 ~ 3220	10.8	2.5 ~ 14.3	98	
07+09+12+18	Wall	Wall	Duct	Wall	5.00	6.25	8.75	15.00	35.00	9.00 ~ 41.80	2570	480 ~ 3360	11.4	2.1 ~ 14.9	98	
07+09+12+18	Wall	Wall	Duct	Duct	4.84	6.05	8.48	14.53	33.90	9.20 ~ 40.50	2160	630 ~ 2860	9.6	2.8 ~ 12.7	98	
07+09+12+18	Wall	Duct	Wall	Wall	5.00	6.25	8.75	15.00	35.00	9.00 ~ 41.80	2680	470 ~ 3480	11.9	2.1 ~ 15.4	98	
07+09+12+18	Wall	Duct	Wall	Duct	4.84	6.05	8.48	14.53	33.90	9.10 ~ 40.50	2190	620 ~ 2900	9.7	2.8 ~ 12.9	98	
07+09+12+18	Wall	Duct	Duct	Wall	4.84	6.05	8.48	14.53	33.90	9.10 ~ 40.50	2270	530 ~ 2990	10.1	2.4 ~ 13.3	98	
07+09+12+18	Wall	Duct	Duct	Duct	4.70	5.88	8.23	14.10	32.90	9.30 ~ 39.30	2060	690 ~ 2660	9.1	3.1 ~ 11.8	98	
07+09+15+15	Wall	Wall	Wall	Wall	4.97	6.21	12.42	12.41	36.00	9.00 ~ 43.00	3820	420 ~ 3820	16.9	1.9 ~ 16.9	98	

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
07+09+15+15	Wall	Wall	Wall	Duct	4.83	6.03	12.07	12.07	35.00	9.00 ~ 41.80	2940	570 ~ 3550	13.0	2.5 ~ 15.7	98	
07+09+15+15	Wall	Wall	Duct	Duct	4.68	5.84	11.69	11.69	33.90	9.10 ~ 40.50	2420	720 ~ 3130	10.7	3.2 ~ 13.9	98	
07+09+15+15	Wall	Duct	Wall	Wall	4.83	6.03	12.07	12.07	35.00	9.00 ~ 41.80	3240	470 ~ 3530	14.4	2.1 ~ 15.7	98	
07+09+15+15	Wall	Duct	Wall	Duct	4.68	5.84	11.69	11.69	33.90	9.00 ~ 40.50	2550	620 ~ 3320	11.3	2.8 ~ 14.7	98	
07+09+15+15	Wall	Duct	Duct	Duct	4.54	5.67	11.34	11.34	32.90	9.20 ~ 39.30	2230	780 ~ 2880	9.9	3.5 ~ 12.8	98	
07+12+12+12	Wall	Wall	Wall	Wall	5.77	10.08	10.08	10.08	36.00	9.00 ~ 43.00	2550	430 ~ 3390	11.3	1.9 ~ 15.0	98	
07+12+12+12	Wall	Wall	Wall	Duct	5.59	9.77	9.77	9.77	34.90	9.10 ~ 41.80	2220	490 ~ 2990	9.8	2.2 ~ 13.3	98	
07+12+12+12	Wall	Wall	Duct	Duct	5.41	9.46	9.46	9.46	33.80	9.30 ~ 40.50	2030	550 ~ 2680	9.0	2.4 ~ 11.9	98	
07+12+12+12	Wall	Duct	Duct	Duct	5.23	9.16	9.16	9.16	32.70	9.50 ~ 39.30	1910	620 ~ 2560	8.5	2.8 ~ 11.4	98	
07+12+12+15	Wall	Wall	Wall	Wall	5.14	9.00	9.00	12.86	36.00	9.00 ~ 43.00	3150	420 ~ 3530	14.0	1.9 ~ 15.7	98	
07+12+12+15	Wall	Wall	Wall	Duct	4.99	8.75	8.75	12.50	35.00	9.00 ~ 41.80	2500	570 ~ 3280	11.1	2.5 ~ 14.6	98	
07+12+12+15	Wall	Wall	Duct	Wall	5.00	8.75	8.75	12.50	35.00	9.00 ~ 41.80	2600	480 ~ 3440	11.5	2.1 ~ 15.3	98	
07+12+12+15	Wall	Wall	Duct	Duct	4.84	8.48	8.48	12.11	33.90	9.10 ~ 40.50	2200	630 ~ 2910	9.8	2.8 ~ 12.9	98	
07+12+12+15	Wall	Duct	Duct	Wall	4.85	8.48	8.48	12.11	33.90	9.10 ~ 40.50	2250	530 ~ 2960	10.0	2.4 ~ 13.1	98	
07+12+12+15	Wall	Duct	Duct	Duct	4.69	8.23	8.23	11.75	32.90	9.30 ~ 39.30	2070	700 ~ 2670	9.2	3.1 ~ 11.8	98	
09+09+09+09	Wall	Wall	Wall	Wall	9.00	9.00	9.00	9.00	36.00	9.10 ~ 43.00	2400	430 ~ 3240	10.6	1.9 ~ 14.4	98	
09+09+09+09	Wall	Wall	Wall	Duct	8.70	8.70	8.70	8.70	34.80	9.10 ~ 41.80	2190	490 ~ 2910	9.7	2.2 ~ 12.9	98	
09+09+09+09	Wall	Wall	Duct	Duct	8.38	8.38	8.38	8.38	33.50	9.30 ~ 40.50	1990	550 ~ 2690	8.8	2.4 ~ 11.9	98	
09+09+09+09	Wall	Duct	Duct	Duct	8.08	8.08	8.08	8.08	32.30	9.40 ~ 39.30	1880	610 ~ 2560	8.3	2.7 ~ 11.4	98	
09+09+09+09	Duct	Duct	Duct	Duct	7.75	7.75	7.75	7.75	31.00	9.60 ~ 38.00	1820	680 ~ 2490	8.1	3.0 ~ 11.0	98	
09+09+09+12	Wall	Wall	Wall	Wall	8.18	8.18	8.18	11.45	36.00	9.00 ~ 43.00	2500	430 ~ 3290	11.1	1.9 ~ 14.6	98	
09+09+09+12	Wall	Wall	Wall	Duct	7.91	7.91	7.91	11.06	34.80	9.10 ~ 41.80	2190	490 ~ 2910	9.7	2.2 ~ 12.9	98	
09+09+09+12	Wall	Wall	Duct	Wall	7.91	7.91	7.91	11.06	34.80	9.10 ~ 41.80	2270	490 ~ 3000	10.1	2.2 ~ 13.3	98	
09+09+09+12	Wall	Wall	Duct	Duct	7.66	7.66	7.66	10.71	33.70	9.30 ~ 40.50	2030	550 ~ 2690	9.0	2.4 ~ 11.9	98	
09+09+09+12	Wall	Duct	Duct	Wall	7.66	7.66	7.66	10.71	33.70	9.20 ~ 40.50	2050	550 ~ 2750	9.1	2.4 ~ 12.2	98	
09+09+09+12	Wall	Duct	Duct	Duct	7.39	7.39	7.39	10.35	32.50	9.40 ~ 39.30	1880	610 ~ 2560	8.3	2.7 ~ 11.4	98	
09+09+09+12	Duct	Duct	Duct	Wall	7.39	7.39	7.39	10.35	32.50	9.40 ~ 39.30	1890	610 ~ 2570	8.4	2.7 ~ 11.4	98	
09+09+09+12	Duct	Duct	Duct	Duct	7.11	7.11	7.11	9.97	31.30	9.60 ~ 38.00	1860	680 ~ 2490	8.3	3.0 ~ 11.0	98	
09+09+09+15	Wall	Wall	Wall	Wall	7.20	7.20	7.20	14.40	36.00	9.00 ~ 43.00	3030	420 ~ 3550	13.4	1.9 ~ 15.7	98	
09+09+09+15	Wall	Wall	Wall	Duct	6.98	6.98	6.98	13.96	34.90	9.10 ~ 41.80	2450	570 ~ 3230	10.9	2.5 ~ 14.3	98	
09+09+09+15	Wall	Wall	Duct	Wall	6.98	6.98	6.98	13.96	34.90	9.00 ~ 41.80	2610	480 ~ 3450	11.6	2.1 ~ 15.3	98	
09+09+09+15	Wall	Wall	Duct	Duct	6.76	6.76	6.76	13.52	33.80	9.10 ~ 40.50	2250	630 ~ 2910	10.0	2.8 ~ 12.9	98	
09+09+09+15	Wall	Duct	Duct	Wall	6.76	6.76	6.76	13.52	33.80	9.00 ~ 40.50	2300	530 ~ 3020	10.2	2.4 ~ 13.4	98	
09+09+09+15	Wall	Duct	Duct	Duct	6.52	6.52	6.52	13.04	32.60	9.30 ~ 39.30	2050	690 ~ 2690	9.1	3.1 ~ 11.9	98	
09+09+09+15	Duct	Duct	Duct	Wall	6.52	6.52	6.52	13.04	32.60	9.10 ~ 39.30	2090	590 ~ 2740	9.3	2.6 ~ 12.2	98	
09+09+09+15	Duct	Duct	Duct	Duct	6.30	6.30	6.30	12.60	31.50	9.40 ~ 38.00	1950	760 ~ 2570	8.7	3.4 ~ 11.4	98	
09+09+09+18	Wall	Wall	Wall	Wall	6.67	6.67	6.67	16.01	36.00	9.00 ~ 43.00	3120	420 ~ 3540	13.8	1.9 ~ 15.7	98	
09+09+09+18	Wall	Wall	Wall	Duct	6.48	6.48	6.48	15.55	35.00	9.10 ~ 41.80	2440	560 ~ 3220	10.8	2.5 ~ 14.3	98	
09+09+09+18	Wall	Wall	Duct	Wall	6.48	6.48	6.48	15.55	35.00	9.00 ~ 41.80	2690	470 ~ 3480	11.9	2.1 ~ 15.4	98	
09+09+09+18	Wall	Wall	Duct	Duct	6.28	6.28	6.28	15.08	33.90	9.10 ~ 40.50	2240	620 ~ 2900	9.9	2.8 ~ 12.9	98	
09+09+09+18	Wall	Duct	Duct	Wall	6.28	6.28	6.28	15.08	33.90	9.00 ~ 40.50	2370	530 ~ 3090	10.5	2.4 ~ 13.7	98	
09+09+09+18	Wall	Duct	Duct	Duct	6.09	6.09	6.09	14.62	32.90	9.30 ~ 39.30	2080	680 ~ 2680	9.2	3.0 ~ 11.9	98	
09+09+09+18	Duct	Duct	Duct	Wall	6.09	6.09	6.09	14.62	32.90	9.10 ~ 39.30	2110	590 ~ 2760	9.4	2.6 ~ 12.2	98	
09+09+09+18	Duct	Duct	Duct	Duct	5.89	5.89	5.89	14.12	31.80	9.40 ~ 38.00	1970	750 ~ 2560	8.7	3.3 ~ 11.4	98	
09+09+12+12	Wall	Wall	Wall	Wall	7.50	7.50	10.50	10.50	36.00	9.00 ~ 43.00	2560	430 ~ 3400	11.4	1.9 ~ 15.1	98	
09+09+12+12	Wall	Wall	Wall	Duct	7.27	7.27	10.18	10.18	34.90	9.10 ~ 41.80	2220	490 ~ 3000	9.8	2.2 ~ 13.3	98	
09+09+12+12	Wall	Wall	Duct	Duct	7.04	7.04	9.86	9.86	33.80	9.30 ~ 40.50	2030	550 ~ 2690	9.0	2.4 ~ 11.9	98	
09+09+12+12	Wall	Duct	Wall	Wall	7.27	7.27	10.18	10.18	34.90	9.10 ~ 41.80	2270	480 ~ 3040	10.1	2.1 ~ 13.5	98	
09+09+12+12	Wall	Duct	Wall	Duct	7.04	7.04	9.86	9.86	33.80	9.20 ~ 40.50	2050	550 ~ 2710	9.1	2.4 ~ 12.0	98	
09+09+12+12	Wall	Duct	Duct	Duct	6.79	6.79	9.50	9.50	32.60	9.40 ~ 39.30	1920	610 ~ 2560	8.5	2.7 ~ 11.4	98	
09+09+12+12	Duct	Duct	Wall	Wall	7.04	7.04	9.86	9.86	33.80	9.20 ~ 40.50	2160	540 ~ 2780	9.6	2.4 ~ 12.3	98	
09+09+12+12	Duct	Duct	Wall	Duct	6.79	6.79	9.50	9.50	32.60	9.40 ~ 39.30	1930	610 ~ 2570	8.6	2.7 ~ 11.4	98	
09+09+12+12	Duct	Duct	Duct	Duct	6.56	6.56	9.19	9.19	31.50	9.60 ~ 38.00	1860	680 ~ 2490	8.3	3.0 ~ 11.0	98	
09+09+12+15	Wall	Wall	Wall	Wall	6.67	6.67	9.33	13.34	36.00	9.00 ~ 43.00	3160	420 ~ 3540	14.0	1.9 ~ 15.7	98	
09+09+12+15	Wall	Wall	Wall	Duct	6.48	6.48	9.07	12.95	35.00	9.00 ~ 41.80	2550	570 ~ 3280	11.3	2.5 ~ 14.6	98	
09+09+12+15	Wall	Wall	Duct	Wall	6.48	6.48	9.07	12.95	35.00	9.00 ~ 41.80	2650	480 ~ 3450	11.8	2.1 ~ 15.3	98	
09+09+12+15	Wall	Wall	Duct	Duct	6.28	6.28	8.79	12.57	33.90	9.10 ~ 40.50	2200	630 ~ 2910	9.8	2.8 ~ 12.9	98	
09+09+12+15	Wall	Duct	Wall	Wall	6.48	6.48	9.07	12.95	35.00	9.00 ~ 41.80	2720	470 ~ 3520	12.1	2.1 ~ 15.6	98	
09+09+12+15	Wall	Duct	Wall	Duct	6.28	6.28	8.79	12.57	33.90	9.10 ~ 40.50	2280	630 ~ 2940	10.1	2.8 ~ 13.0	98	
09+09+12+15	Wall	Duct	Duct	Wall	6.28	6.28	8.79	12.57	33.90	9.00 ~ 40.50	2340	530 ~ 3020	10.4	2.4 ~ 13.4	98	
09+09+12+15	Wall	Duct	Duct	Duct	6.09	6.09	8.53	12.20	32.90	9.30 ~ 39.30	2090	690 ~ 2690	9.3	3.1 ~ 11.9	98	

Combination of indoor unit	Type of indoor unit				Capacity of each indoor unit											
					Each capacity (kBtu/h)				Total capacity (kBtu/h)		Total input (W)		Total current (A)		Power factor (%)	
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min ~ max)	Rating	(min ~ max)	Rating	(min ~ max)	Rating	
09+09+12+15	Duct	Duct	Wall	Wall	6.28	6.28	8.79	12.57	33.90	9.00 ~ 40.50	2390	530 ~ 3120	10.6	2.4 ~ 13.8	98	
09+09+12+15	Duct	Duct	Wall	Duct	6.09	6.09	8.53	12.20	32.90	9.20 ~ 39.30	2110	690 ~ 2760	9.4	3.1 ~ 12.2	98	
09+09+12+15	Duct	Duct	Duct	Wall	6.09	6.09	8.53	12.20	32.90	9.10 ~ 39.30	2090	590 ~ 2740	9.3	2.6 ~ 12.2	98	
09+09+12+15	Duct	Duct	Duct	Duct	5.89	5.89	8.24	11.78	31.80	9.40 ~ 38.00	1980	760 ~ 2570	8.8	3.4 ~ 11.4	98	
09+09+12+18	Wall	Wall	Wall	Wall	6.21	6.21	8.70	14.90	36.00	9.00 ~ 43.00	3200	420 ~ 3540	14.2	1.9 ~ 15.7	98	
09+09+12+18	Wall	Wall	Wall	Duct	6.03	6.03	8.45	14.48	35.00	9.00 ~ 41.80	2490	560 ~ 3270	11.0	2.5 ~ 14.5	98	
09+09+12+18	Wall	Wall	Duct	Wall	6.03	6.03	8.45	14.48	35.00	9.00 ~ 41.80	2690	470 ~ 3480	11.9	2.1 ~ 15.4	98	
09+09+12+18	Wall	Wall	Duct	Duct	5.86	5.86	8.21	14.07	34.00	9.10 ~ 40.50	2240	620 ~ 2900	9.9	2.8 ~ 12.9	98	
09+09+12+18	Wall	Duct	Wall	Wall	6.03	6.03	8.45	14.48	35.00	9.00 ~ 41.80	2760	470 ~ 3550	12.2	2.1 ~ 15.7	98	
09+09+12+18	Wall	Duct	Wall	Duct	5.86	5.86	8.21	14.07	34.00	9.10 ~ 40.50	2270	620 ~ 2930	10.1	2.8 ~ 13.0	98	
09+09+12+18	Wall	Duct	Duct	Wall	5.86	5.86	8.21	14.07	34.00	9.00 ~ 40.50	2370	530 ~ 3090	10.5	2.4 ~ 13.7	98	
09+09+12+18	Wall	Duct	Duct	Duct	5.69	5.69	7.97	13.66	33.00	9.30 ~ 39.30	2080	680 ~ 2680	9.2	3.0 ~ 11.9	98	
09+09+12+18	Duct	Duct	Wall	Wall	5.86	5.86	8.21	14.07	34.00	9.00 ~ 40.50	2420	530 ~ 3150	10.7	2.4 ~ 14.0	98	
09+09+12+18	Duct	Duct	Wall	Duct	5.69	5.69	7.97	13.66	33.00	9.20 ~ 39.30	2100	680 ~ 2750	9.3	3.0 ~ 12.2	98	
09+09+12+18	Duct	Duct	Duct	Wall	5.69	5.69	7.97	13.66	33.00	9.10 ~ 39.30	2150	590 ~ 2760	9.5	2.6 ~ 12.2	98	
09+09+12+18	Duct	Duct	Duct	Duct	5.52	5.52	7.71	13.24	32.00	9.40 ~ 38.00	2010	750 ~ 2560	8.9	3.3 ~ 11.4	98	
09+09+15+15	Wall	Wall	Wall	Wall	6.00	6.00	12.00	12.00	36.00	9.00 ~ 42.95	3540	420 ~ 3970	15.7	1.9 ~ 17.6	98	
09+09+15+15	Wall	Wall	Wall	Duct	5.83	5.83	11.67	11.67	35.00	9.00 ~ 41.80	2980	560 ~ 3540	13.2	2.5 ~ 15.7	98	
09+09+15+15	Wall	Wall	Duct	Duct	5.67	5.67	11.33	11.33	34.00	9.10 ~ 40.50	2510	720 ~ 3520	11.1	3.2 ~ 15.6	98	
09+09+15+15	Wall	Duct	Wall	Wall	5.83	5.83	11.67	11.67	35.00	9.00 ~ 41.80	2720	470 ~ 3520	12.1	2.1 ~ 15.6	98	
09+09+15+15	Wall	Duct	Wall	Duct	5.67	5.67	11.33	11.33	34.00	9.00 ~ 40.50	2660	620 ~ 3390	11.8	2.8 ~ 15.0	98	
09+09+15+15	Wall	Duct	Duct	Duct	5.50	5.50	11.00	11.00	33.00	9.10 ~ 39.30	2260	780 ~ 2910	10.0	3.5 ~ 12.9	98	
09+09+15+15	Duct	Duct	Wall	Wall	5.67	5.67	11.33	11.33	34.00	9.00 ~ 40.50	2910	520 ~ 3520	12.9	2.3 ~ 15.6	98	
09+09+15+15	Duct	Duct	Wall	Duct	5.50	5.50	11.00	11.00	33.00	9.00 ~ 39.30	2350	680 ~ 3010	10.4	3.0 ~ 13.4	98	
09+09+15+15	Duct	Duct	Duct	Duct	5.33	5.33	10.67	10.67	32.00	9.30 ~ 38.00	2150	840 ~ 2690	9.5	3.7 ~ 11.9	98	
09+12+12+12	Wall	Wall	Wall	Wall	6.91	9.69	9.69	9.69	36.00	9.00 ~ 43.00	2660	420 ~ 3510	11.8	1.9 ~ 15.6	98	
09+12+12+12	Wall	Wall	Wall	Duct	6.73	9.42	9.42	9.42	35.00	9.10 ~ 41.80	2310	480 ~ 3040	10.2	2.1 ~ 13.5	98	
09+12+12+12	Wall	Wall	Duct	Duct	6.52	9.13	9.13	9.13	33.90	9.20 ~ 40.50	2050	550 ~ 2710	9.1	2.4 ~ 12.0	98	
09+12+12+12	Wall	Duct	Duct	Duct	6.32	8.86	8.86	8.86	32.90	9.40 ~ 39.30	1920	610 ~ 2560	8.5	2.7 ~ 11.4	98	
09+12+12+12	Duct	Wall	Wall	Wall	6.73	9.42	9.42	9.42	35.00	9.10 ~ 41.80	2350	480 ~ 3130	10.4	2.1 ~ 13.9	98	
09+12+12+12	Duct	Wall	Wall	Duct	6.52	9.13	9.13	9.13	33.90	9.20 ~ 40.50	2200	540 ~ 2780	9.8	2.4 ~ 12.3	98	
09+12+12+12	Duct	Wall	Duct	Duct	6.32	8.86	8.86	8.86	32.90	9.40 ~ 39.30	1930	610 ~ 2570	8.6	2.7 ~ 11.4	98	
09+12+12+12	Duct	Duct	Duct	Duct	6.12	8.56	8.56	8.56	31.80	9.60 ~ 38.00	1890	680 ~ 2490	8.4	3.0 ~ 11.0	98	
09+12+12+15	Wall	Wall	Wall	Wall	6.21	8.69	8.69	12.41	36.00	9.00 ~ 43.00	3300	420 ~ 3540	14.6	1.9 ~ 15.7	98	
09+12+12+15	Wall	Wall	Wall	Duct	6.03	8.45	8.45	12.07	35.00	9.00 ~ 41.80	2600	570 ~ 3390	11.5	2.5 ~ 15.0	98	
09+12+12+15	Wall	Wall	Duct	Wall	6.03	8.45	8.45	12.07	35.00	9.00 ~ 41.80	2720	470 ~ 3520	12.1	2.1 ~ 15.6	98	
09+12+12+15	Wall	Wall	Duct	Duct	5.86	8.21	8.21	11.72	34.00	9.10 ~ 40.50	2280	630 ~ 2940	10.1	2.8 ~ 13.0	98	
09+12+12+15	Wall	Duct	Duct	Wall	5.86	8.21	8.21	11.72	34.00	9.00 ~ 40.50	2340	530 ~ 3020	10.4	2.4 ~ 13.4	98	
09+12+12+15	Wall	Duct	Duct	Duct	5.69	7.97	7.97	11.38	33.00	9.30 ~ 39.30	2090	690 ~ 2690	9.3	3.1 ~ 11.9	98	
09+12+12+15	Duct	Wall	Wall	Wall	6.03	8.45	8.45	12.07	35.00	9.00 ~ 41.80	2840	470 ~ 3540	12.6	2.1 ~ 15.7	98	
09+12+12+15	Duct	Wall	Wall	Duct	5.86	8.21	8.21	11.72	34.00	9.10 ~ 40.50	2320	630 ~ 3030	10.3	2.8 ~ 13.4	98	
09+12+12+15	Duct	Wall	Duct	Wall	5.86	8.21	8.21	11.72	34.00	9.00 ~ 40.50	2390	530 ~ 3120	10.6	2.4 ~ 13.8	98	
09+12+12+15	Duct	Wall	Duct	Duct	5.69	7.97	7.97	11.38	33.00	9.20 ~ 39.30	2110	690 ~ 2760	9.4	3.1 ~ 12.2	98	
09+12+12+15	Duct	Duct	Duct	Wall	5.69	7.97	7.97	11.38	33.00	9.10 ~ 39.30	2130	590 ~ 2740	9.4	2.6 ~ 12.2	98	
09+12+12+15	Duct	Duct	Duct	Duct	5.52	7.72	7.72	11.03	32.00	9.40 ~ 38.00	1980	760 ~ 2570	8.8	3.4 ~ 11.4	98	
12+12+12+12	Wall	Wall	Wall	Wall	9.00	9.00	9.00	9.00	36.00	9.00 ~ 43.00	2730	420 ~ 3050	12.1	1.9 ~ 13.5	98	
12+12+12+12	Wall	Wall	Wall	Duct	8.75	8.75	8.75	8.75	35.00	9.10 ~ 41.80	2350	480 ~ 3130	10.4	2.1 ~ 13.9	98	
12+12+12+12	Wall	Wall	Duct	Duct	8.50	8.50	8.50	8.50	34.00	9.20 ~ 40.50	2080	540 ~ 2780	9.2	2.4 ~ 12.3	98	
12+12+12+12	Wall	Duct	Duct	Duct	8.25	8.25	8.25	8.25	33.00	9.40 ~ 39.30	1970	610 ~ 2570	8.7	2.7 ~ 11.4	98	
12+12+12+12	Duct	Duct	Duct	Duct	8.00	8.00	8.00	8.00	32.00	9.60 ~ 38.00	1890	680 ~ 2490	8.4	3.0 ~ 11.0	98	

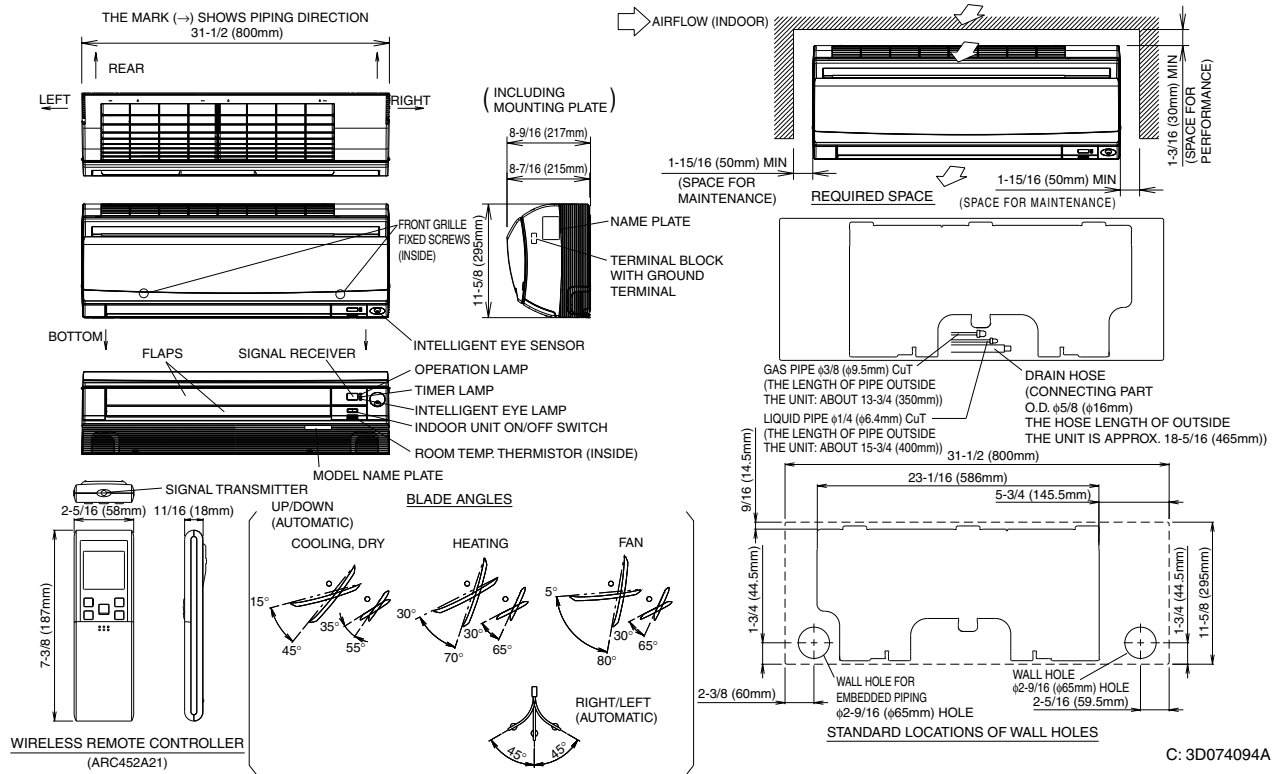
- Notes:**
1. Cooling capacity is based on 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB) (Indoor temperature), 95°FDB (35°CDB) / 75°FWB (24°CWB) (Outdoor temperature).
Heating capacity is based on 70°FDB (21°CDB) / 60°FWB (15.6°CWB) (Indoor temperature), 47°FDB (8.3°CDB) / 43°FWB (6°CWB) (Outdoor temperature).
 2. The total ability of connected indoor units is up to 48.0 kBTu/h.
 3. It is impossible to connect the indoor unit for one room only.
 4. The above is the value for connecting with the following indoor units.
7.0 kBTU/h class; wall mount type L series
9.0 kBTU/h class; wall mount type L series or Duct type L series
12.0 kBTU/h class; wall mount type L series or Duct type L series
15.0 kBTU/h class; wall mount type L series or Duct type L series
18.0 kBTU/h class; wall mount type L series or Duct type L series
24.0 kBTU/h class; wall mount type L series or Duct type L series

C: 3D093948
C: 3D093949
C: 3D093950
C: 3D093951
C: 3D093952
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C: 3D093955
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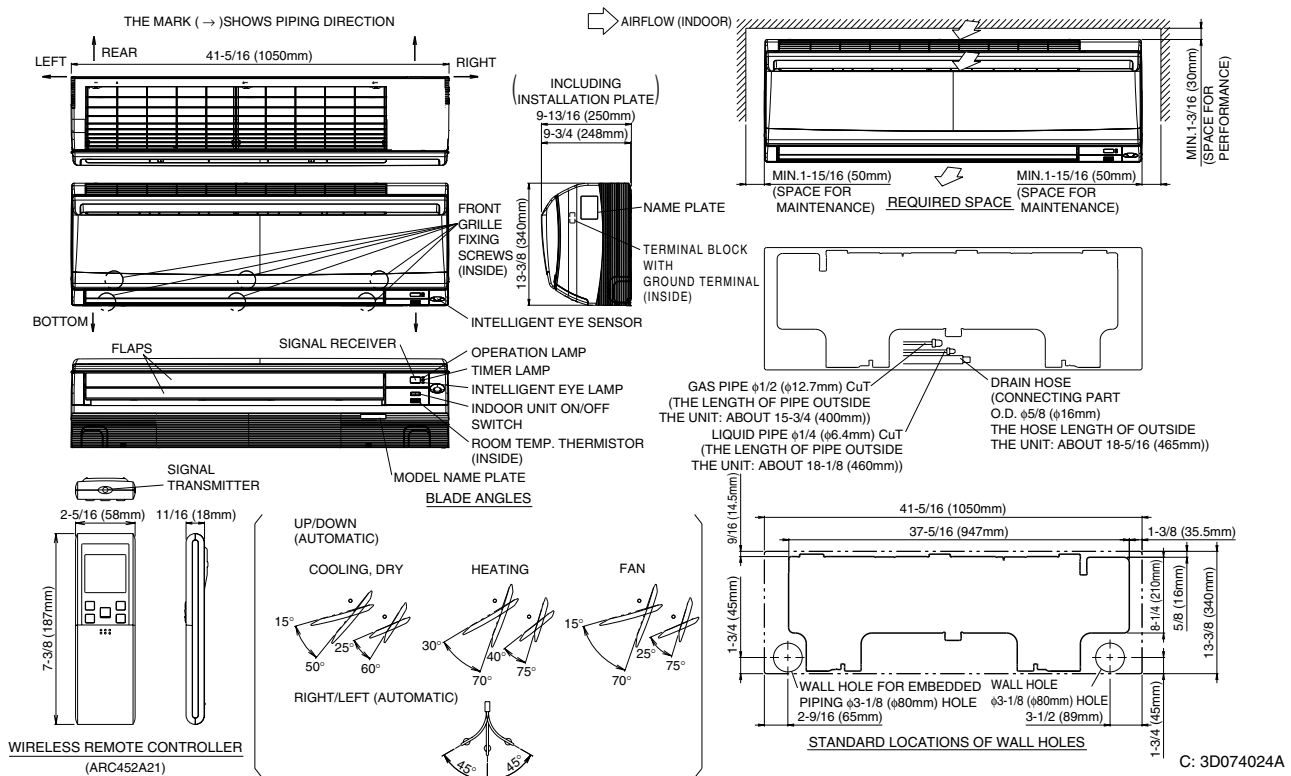
4. Dimensions

4.1 Indoor Unit

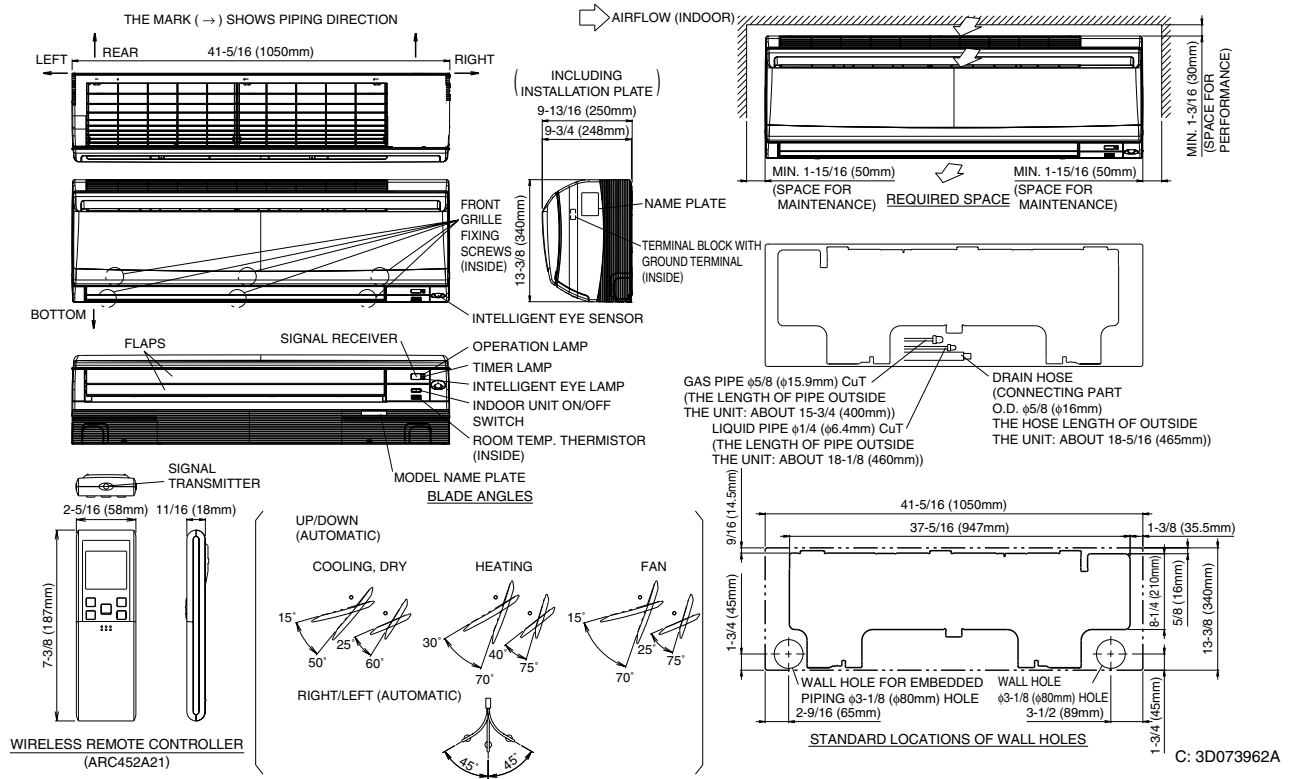
CTXS07LVJU, FTXS09/12LVJU



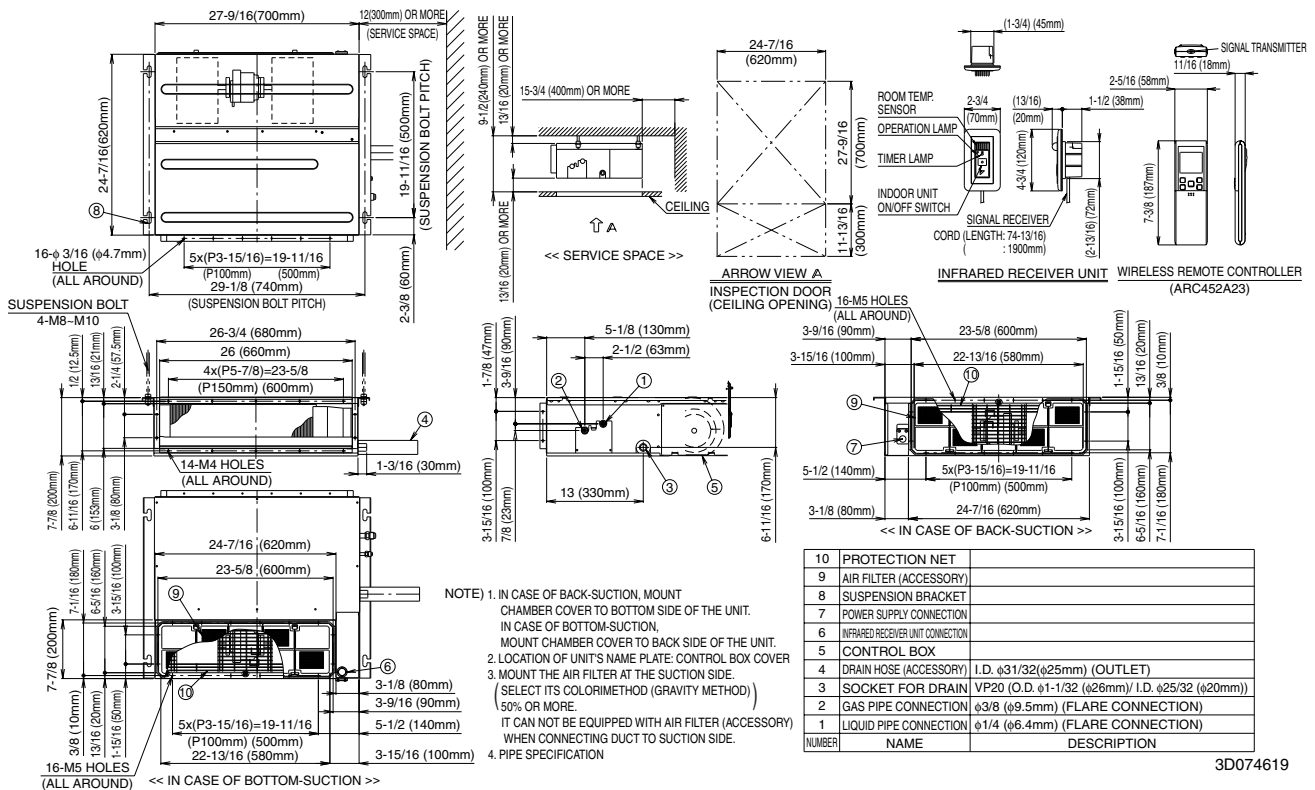
FTXS15/18LVJU



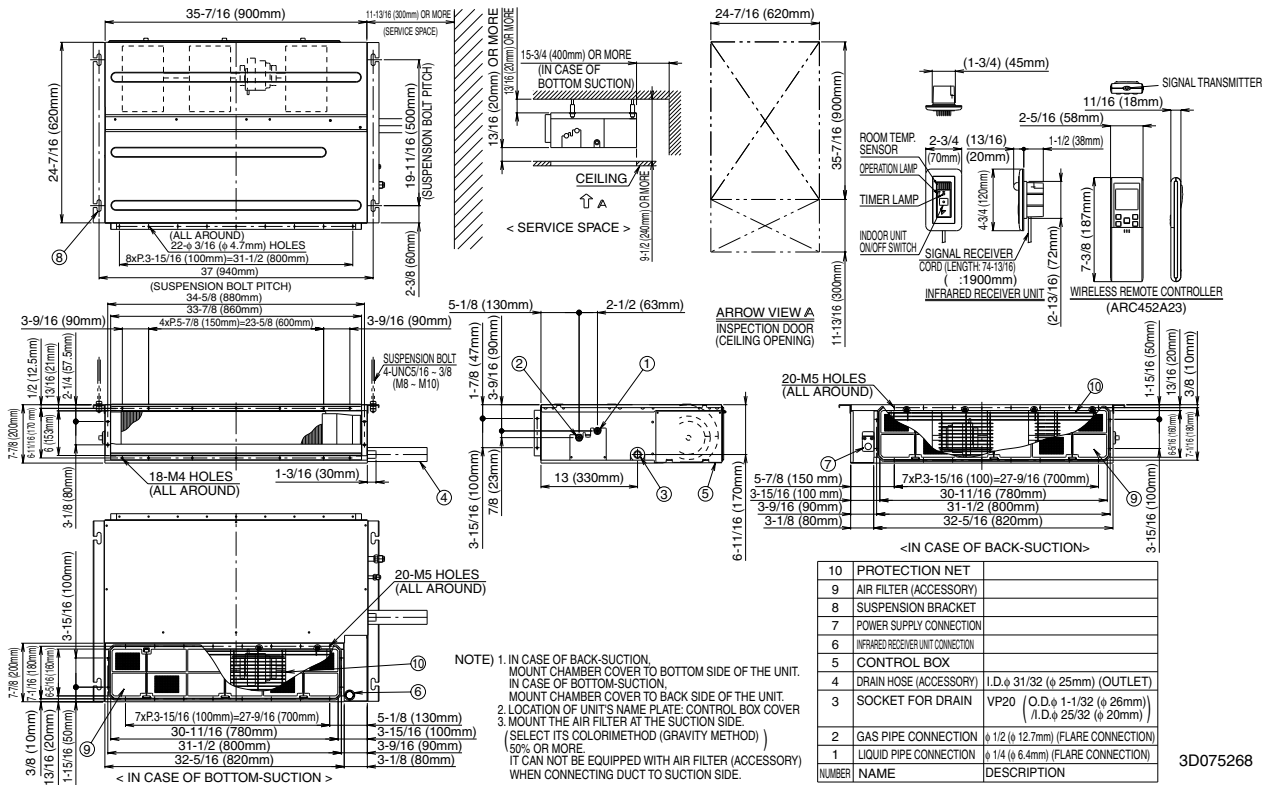
FTXS24LVJU



FDXS09/12LVJU

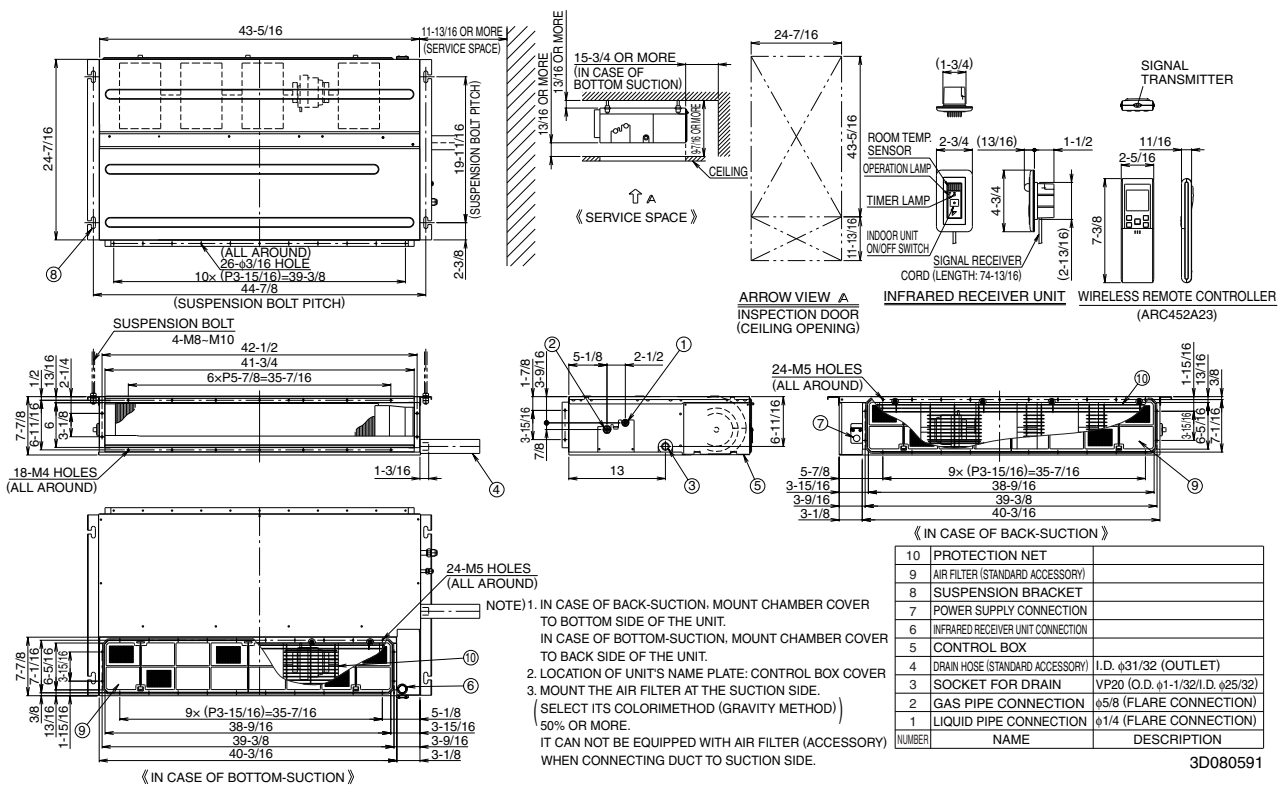


CDXS15/18LVJU



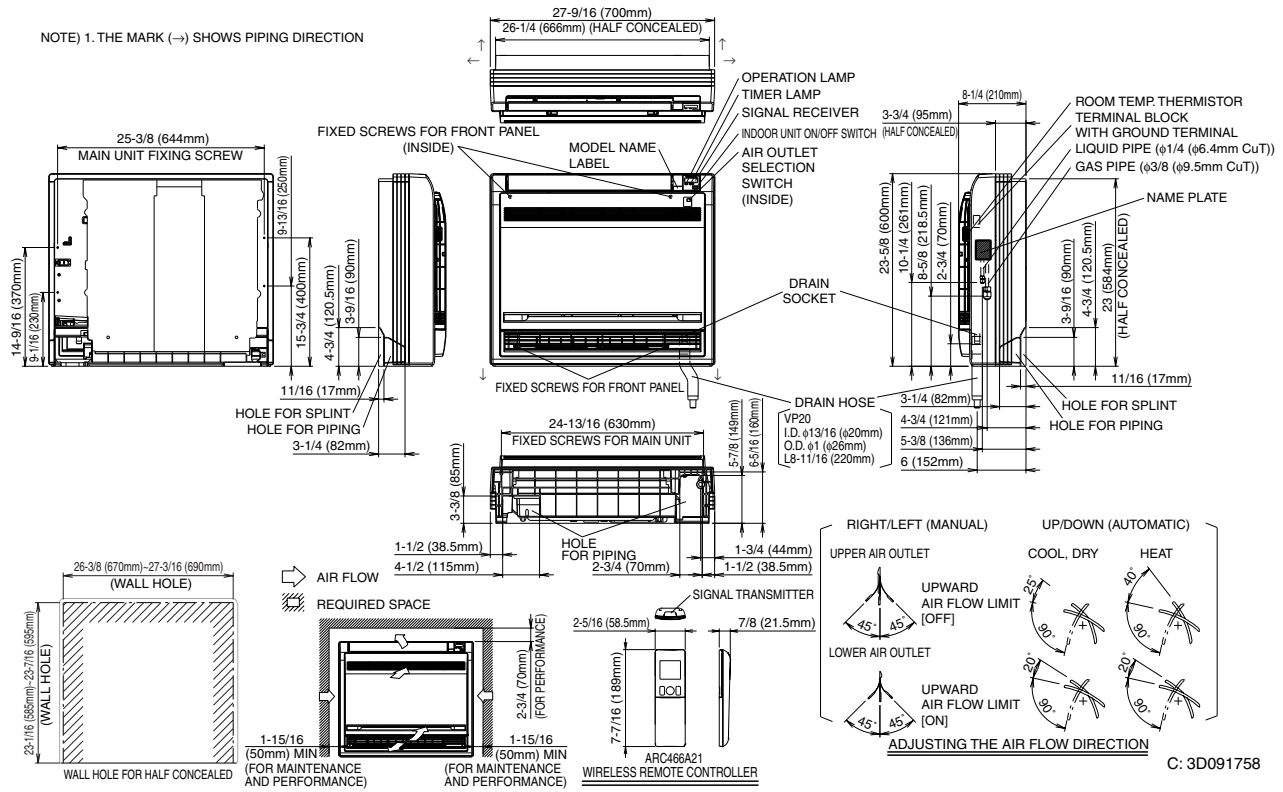
3D075268

CDXS24LVJU

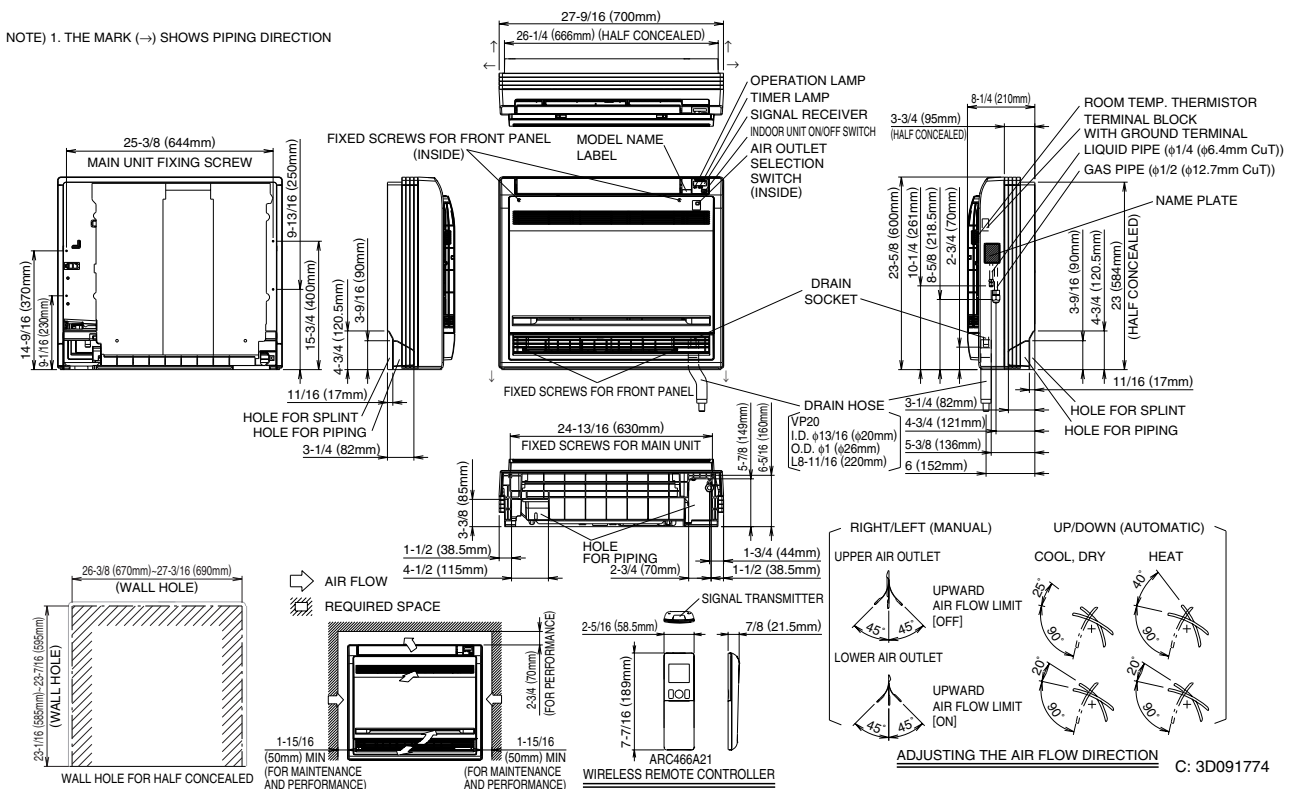


3D080591

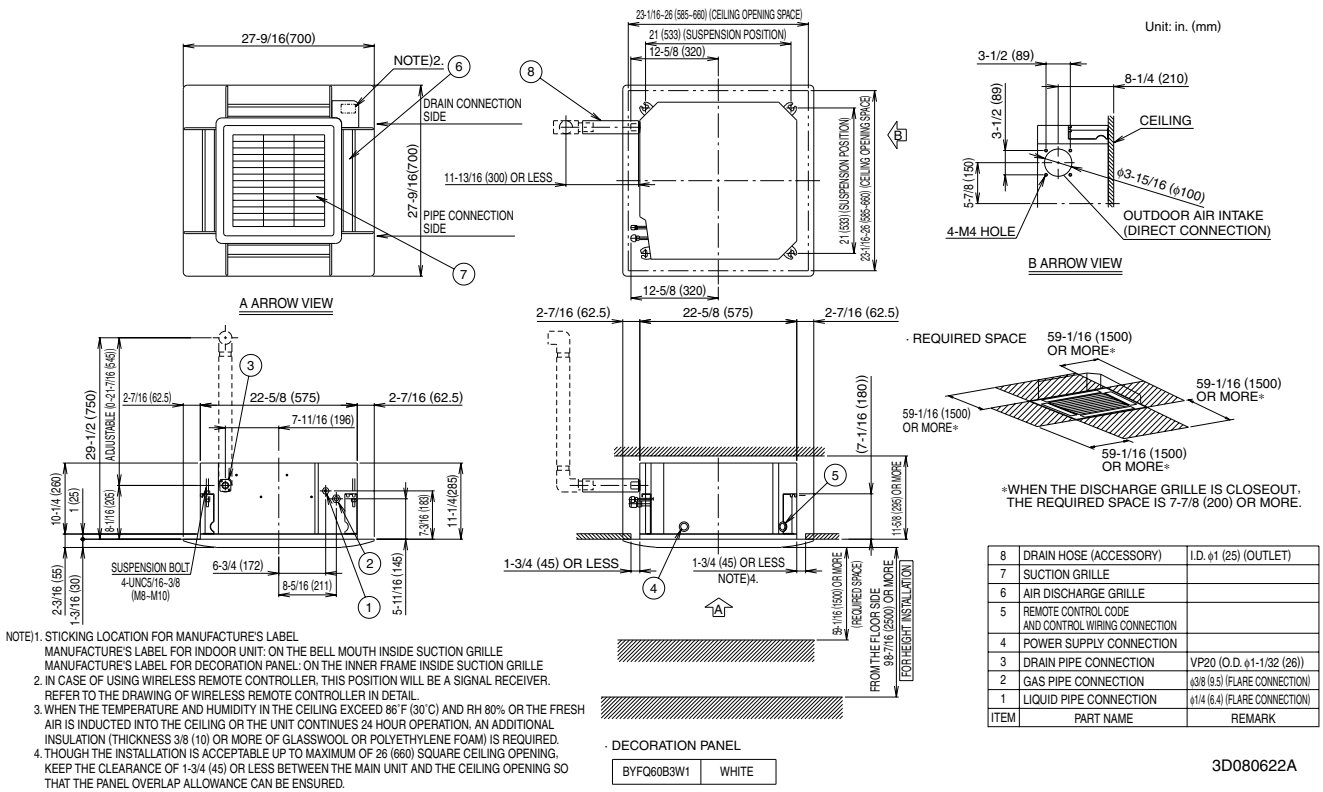
FVXS09/12NVJU



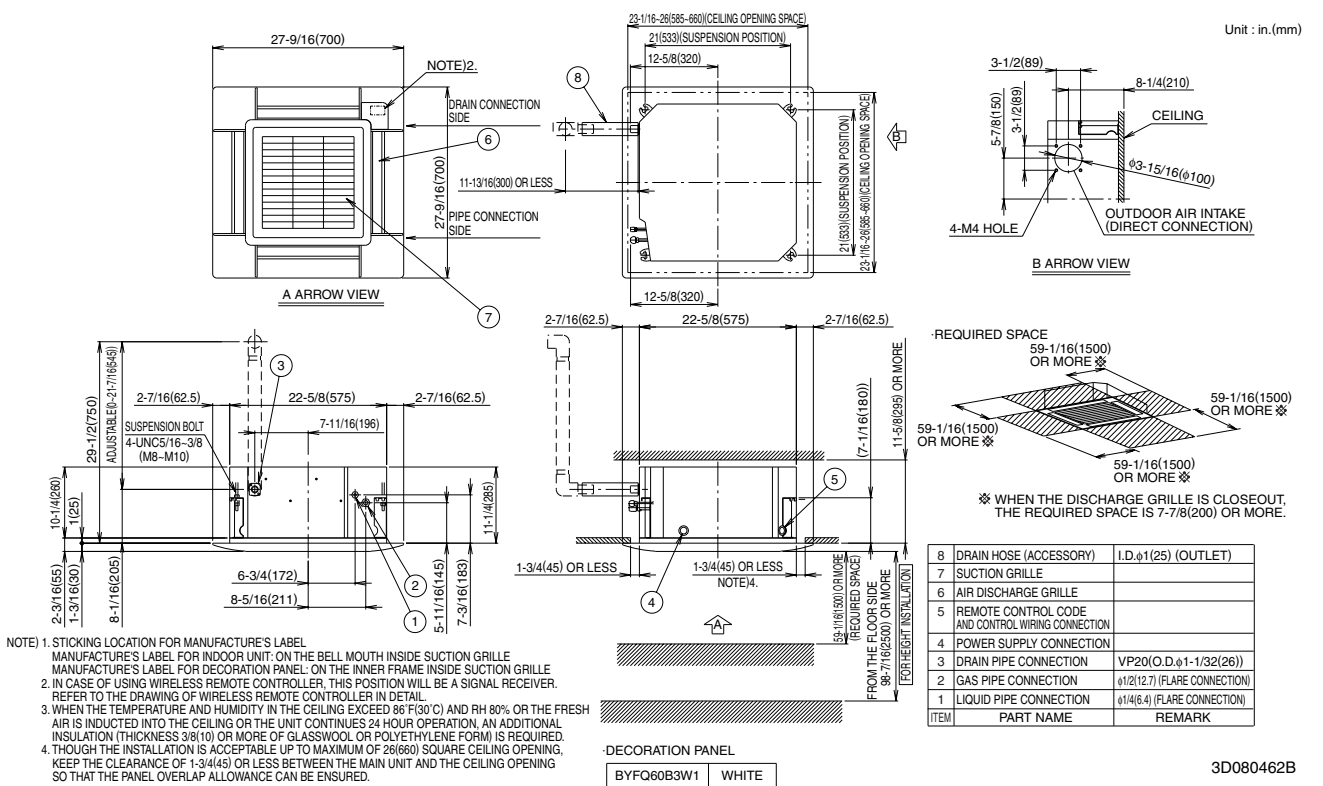
FVXS18NVJU



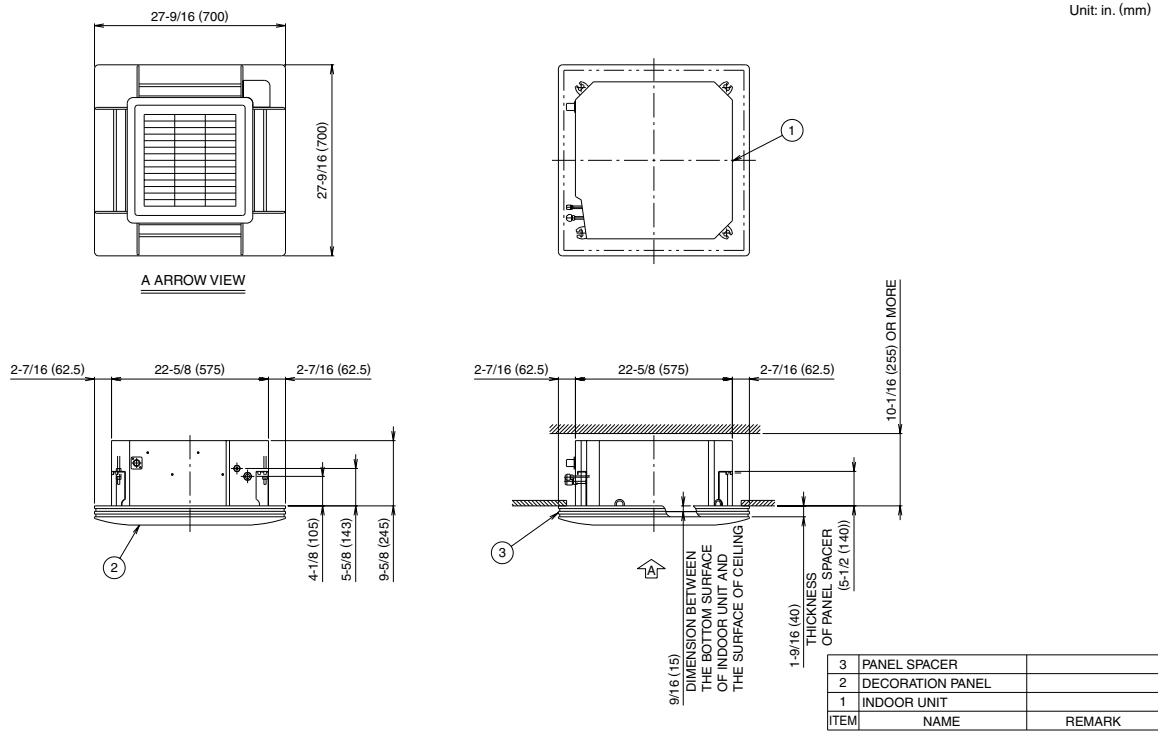
FFQ09/12LVJU with BYFQ60B3W1 (Decoration Panel)



FFQ15/18LVJU with BYFQ60B3W1 (Decoration Panel)

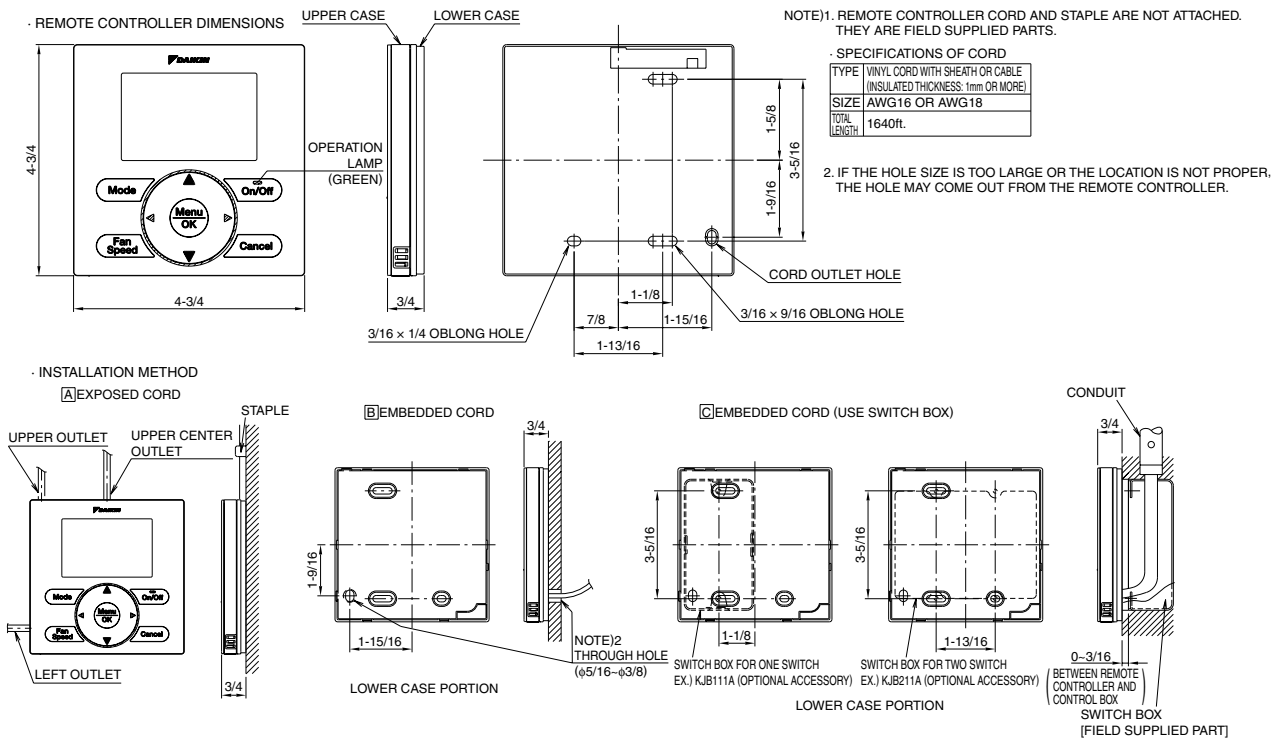


BYFQ60B3W1— Decoration Panel (Option) —



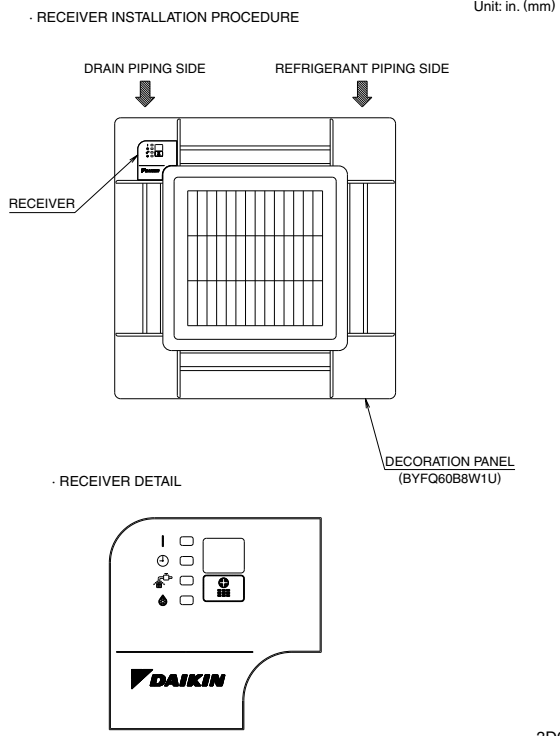
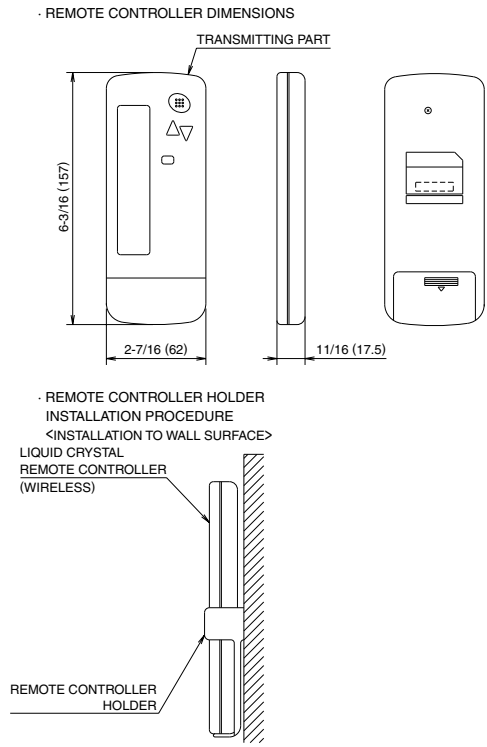
3D080470

BRC1E71 — Wired Remote Controller (Option) —



3D065275

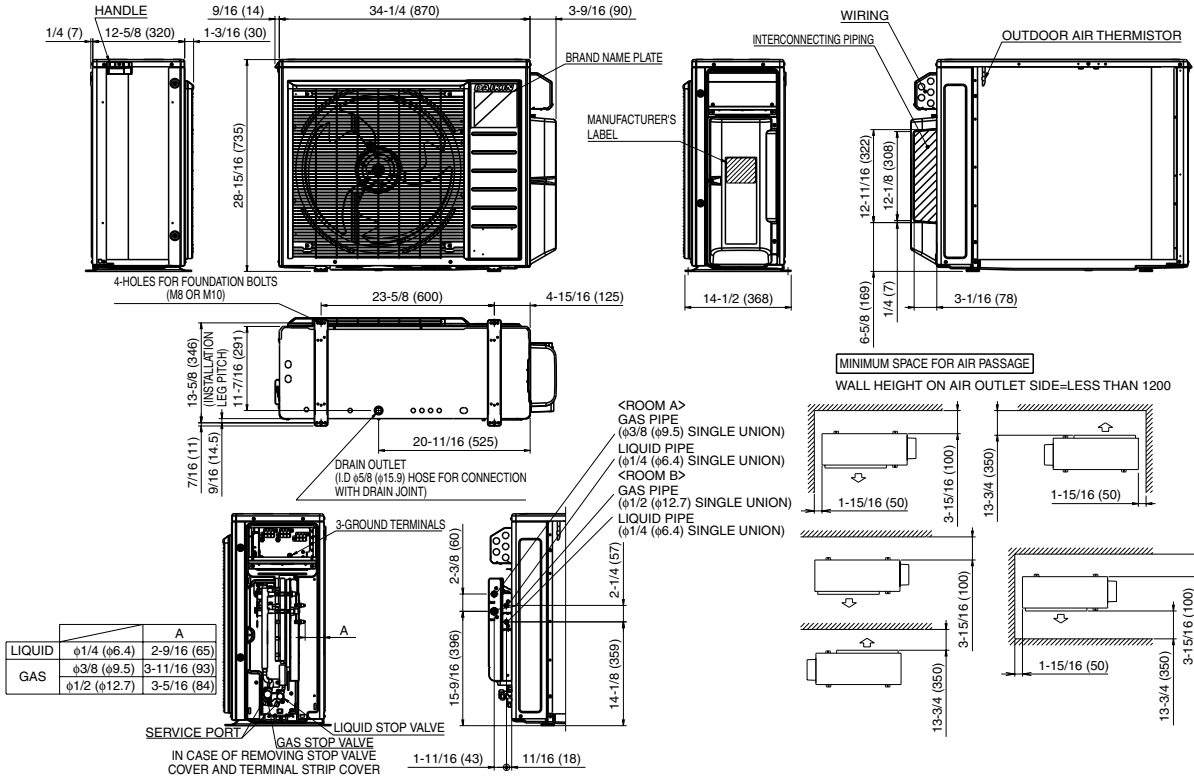
BRC7E830 — Wireless Remote Controller (Option) —



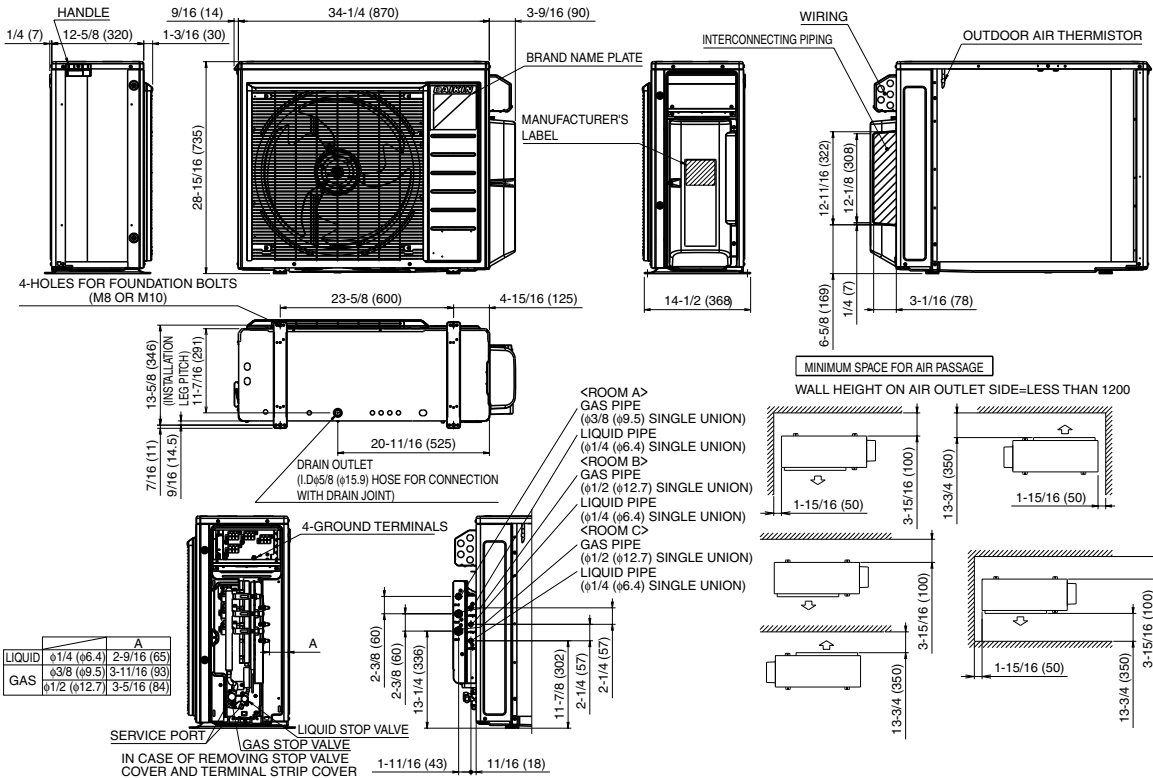
3D080463

4.2 Outdoor Unit

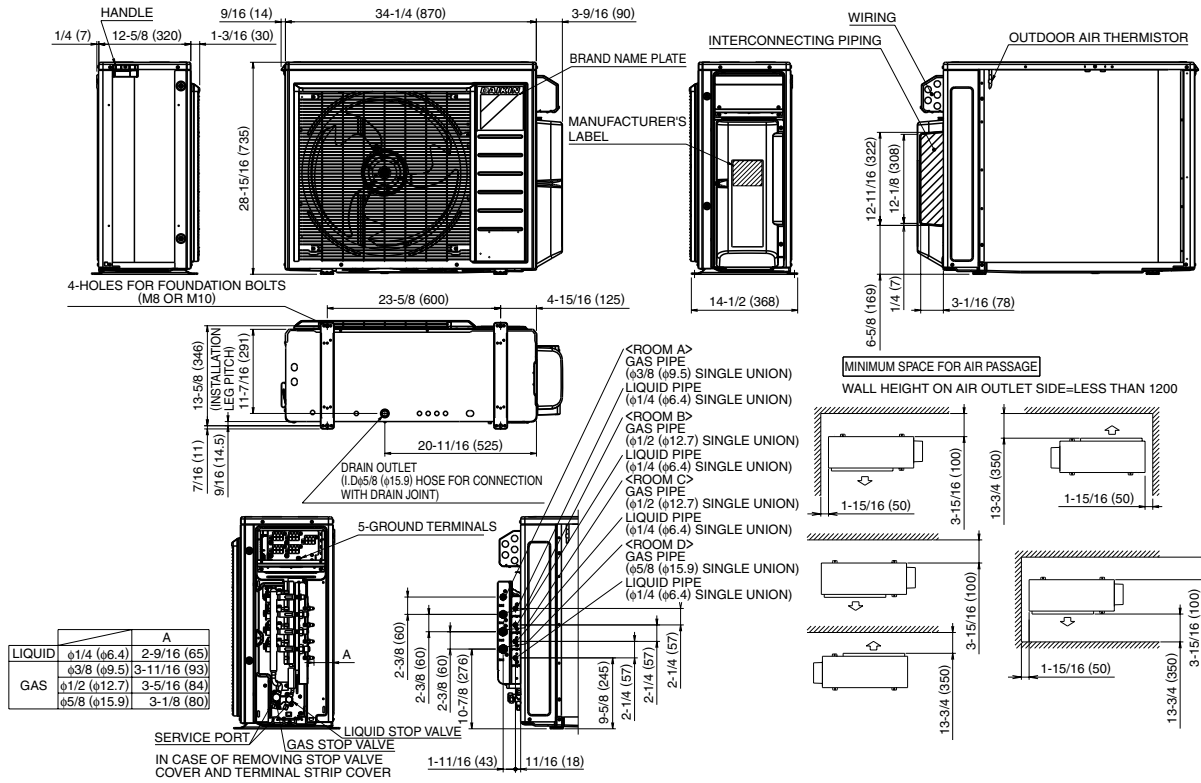
2MXS18NMVJU



3MXS24NMVJU



4MXS36NMVJU

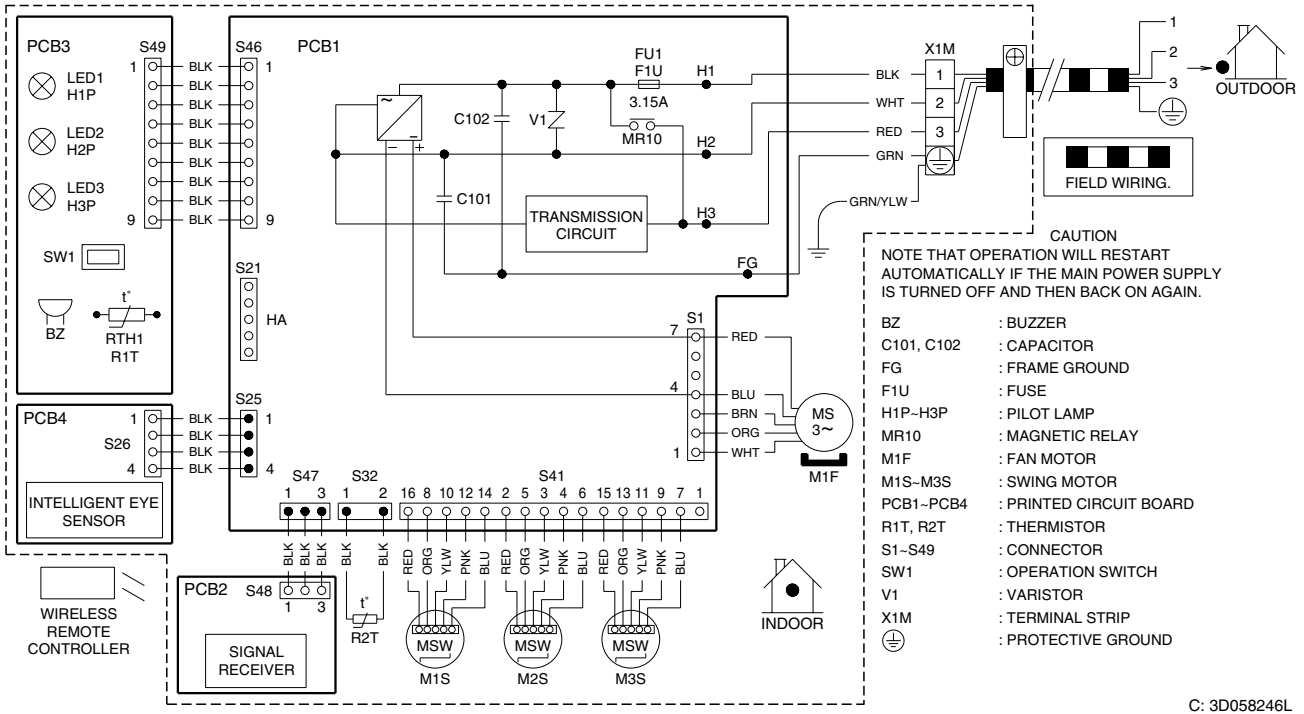


C: 3D093199

5. Wiring Diagrams

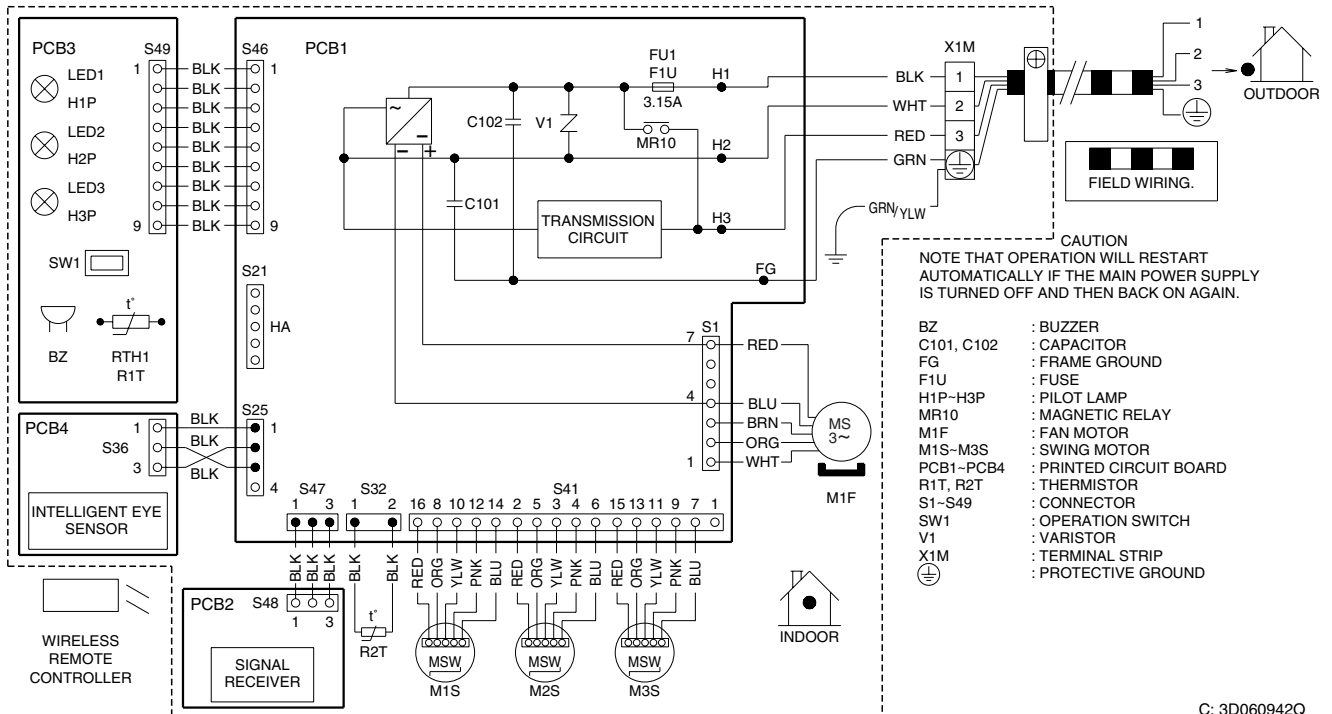
5.1 Indoor Unit

CTXS07LVJU, FTXS09/12LVJU



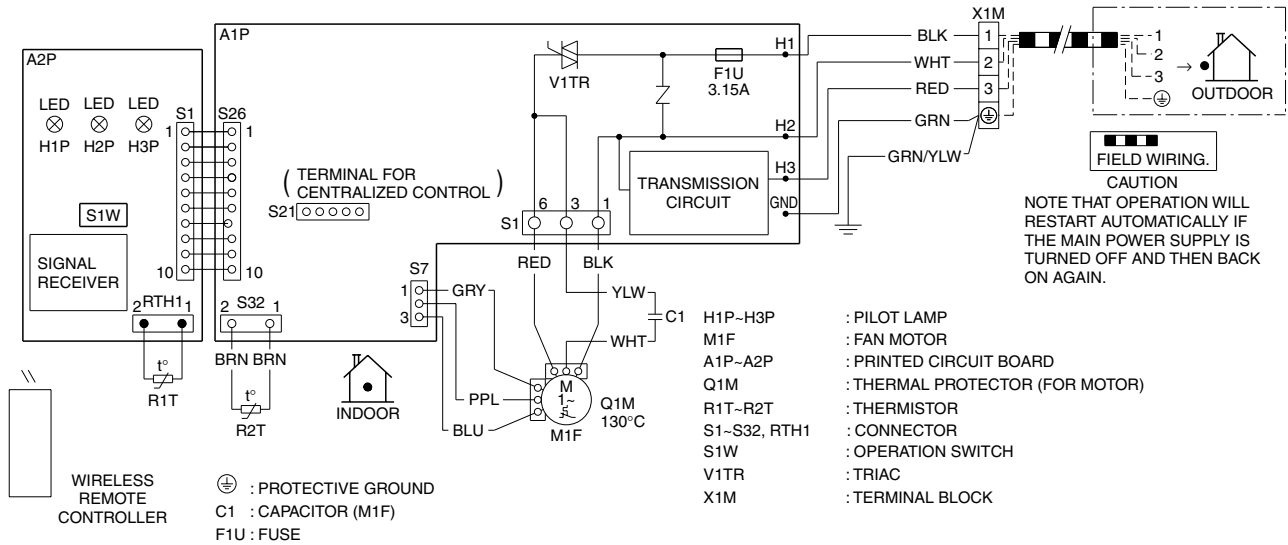
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FTXS15/18/24LVJU



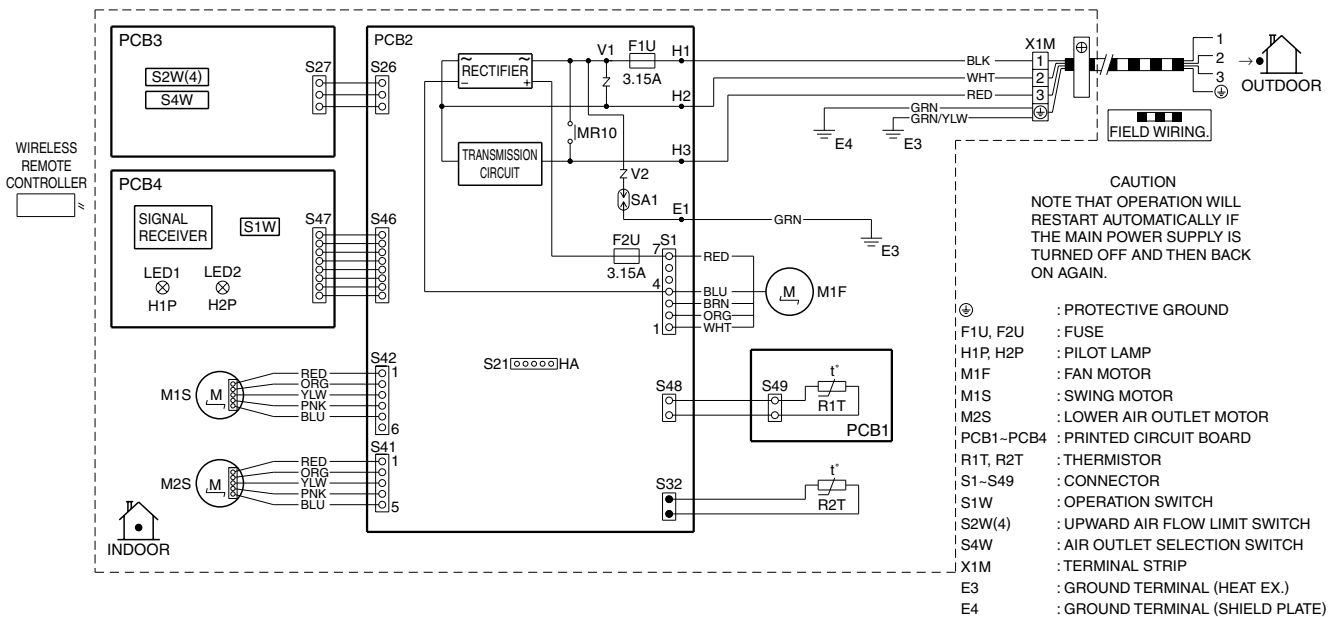
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FDXS09/12LVJU, CDXS15/18/24LVJU



C: 3D073998B

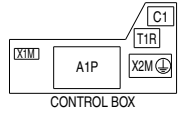
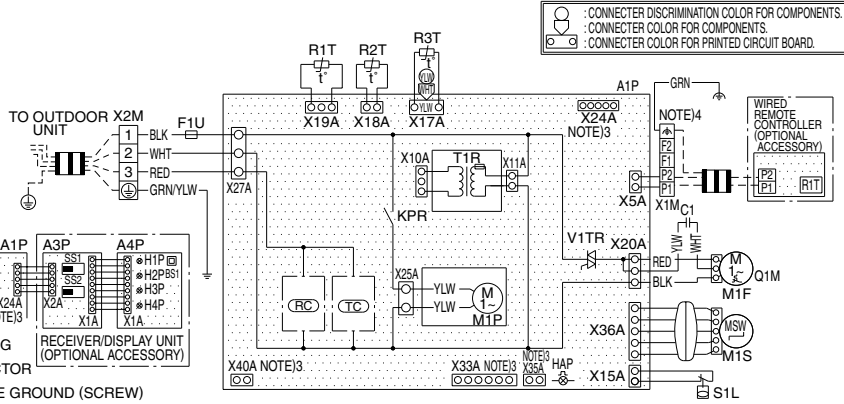
FVXS09/12/18NVJU



C: 3D090604

FFQ09/12/15/18LVJU

A1P	PRINTED CIRCUIT BOARD	H1P	PILOT LAMP (ON-RED)
C1	CAPACITOR (M1F)	H2P	PILOT LAMP (TIMER-GREEN)
F1U	FUSE (F. 5A, 250V)	H3P	PILOT LAMP (FILTER SIGN-RED)
HAP	PILOT LAMP (SERVICE MONITOR GREEN)	H4P	PILOT LAMP (DEFROST-ORANGE)
KPR	MAGNETIC RELAY (M1P)	SS1	SELECTOR SWITCH (MAIN/SUB)
M1F	FAN MOTOR	SS2	SELECTOR SWITCH (WIRELESS ADDRESS SET)
M1S	DRAIN PUMP MOTOR	X24A	CONNECTOR (WIRELESS REMOTE CONTROLLER)
M1S	SWING LOUVER MOTOR	X33A	CONNECTOR (ADAPTOR FOR WIRING)
Q1M	THERMAL PROTECTOR FOR MOTOR	X35A	CONNECTOR (GROUP CONTROL ADAPTOR)
R1T	THERMISTOR (AIR)	X40A	CONNECTOR (ON/OFF INPUT FROM OUTSIDE)
R2T	THERMISTOR (COIL-1)		
R3T	THERMISTOR (COIL-2)		
S1L	FLOAT SWITCH		
T1R	TRANSFORMER (208-230V/25V)		
V1TR	TRIAC		
X1M	TERMINAL BLOCK		
X2M	TERMINAL BLOCK		
(RC)	SIGNAL RECEIVER CIRCUIT		
(TC)	SIGNAL TRANSMISSION CIRCUIT		
WIRED REMOTE CONTROLLER (RECEIVER/DISPLAY UNIT)			
R1T	THERMISTOR (AIR)		
A3P	PRINTED CIRCUIT BOARD		
A4P	PRINTED CIRCUIT BOARD		
BS1	PUSH BUTTON SWITCH (ON/OFF)		



- NOTES)
1. □ □ □ : TERMINAL
 = || = : FIELD WIRING
 □ □ □ : CONNECTOR
 ⊕ : PROTECTIVE GROUND (SCREW)
 ⚡ : NOISELESS GROUND

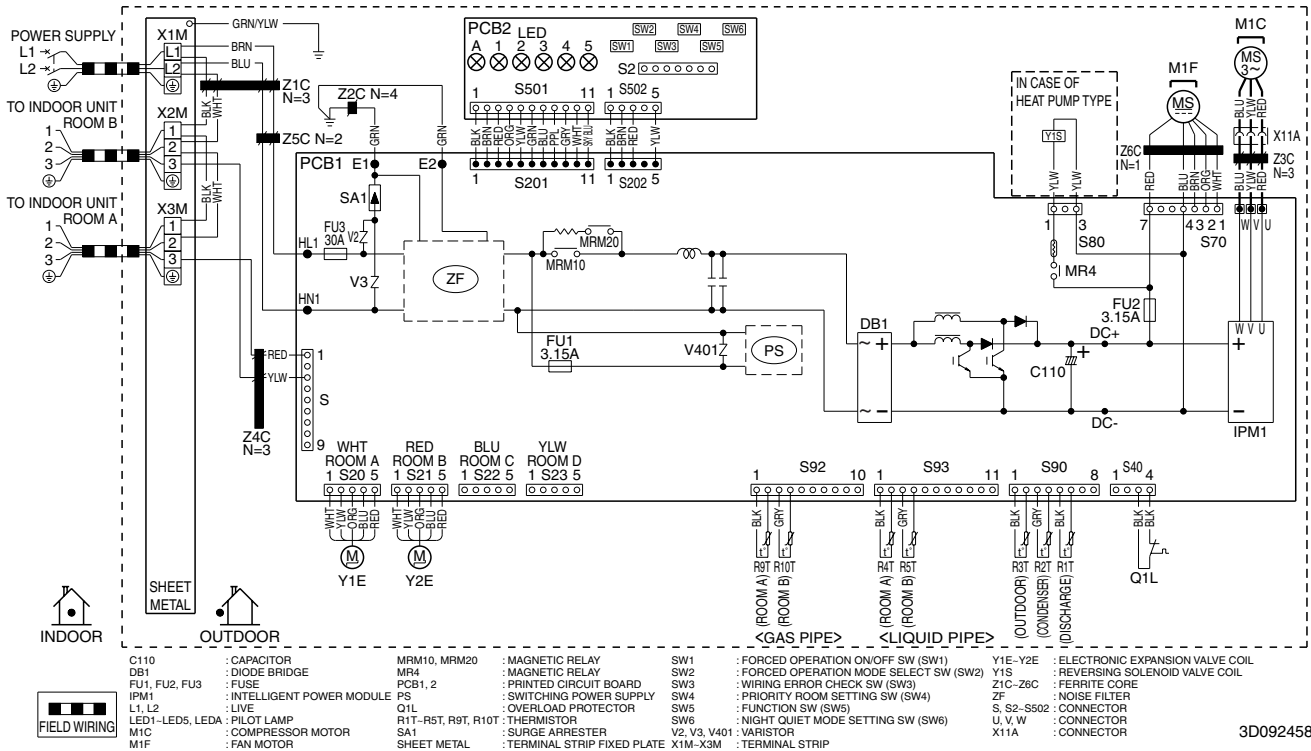
2. IN CASE USING CENTRAL REMOTE CONTROLLER, CONNECT IT TO THE UNIT IN ACCORDANCE WITH THE ATTACHED INSTALLATION MANUAL.
3. X24A, X33A, X35A AND X40A ARE CONNECTED WHEN THE OPTIONAL ACCESSORIES ARE USED.
4. GROUND THE SHIELD OF THE REMOTE CONTROLLER CORD TO THE INDOOR UNIT (IN CASE OF USING SHIELD WIRE).
5. SYMBOLS SHOW AS FOLLOWS: RED: RED BLK: BLACK WHT: WHITE YLW: YELLOW GRN: GREEN BLU: BLUE

C: 3D080351A

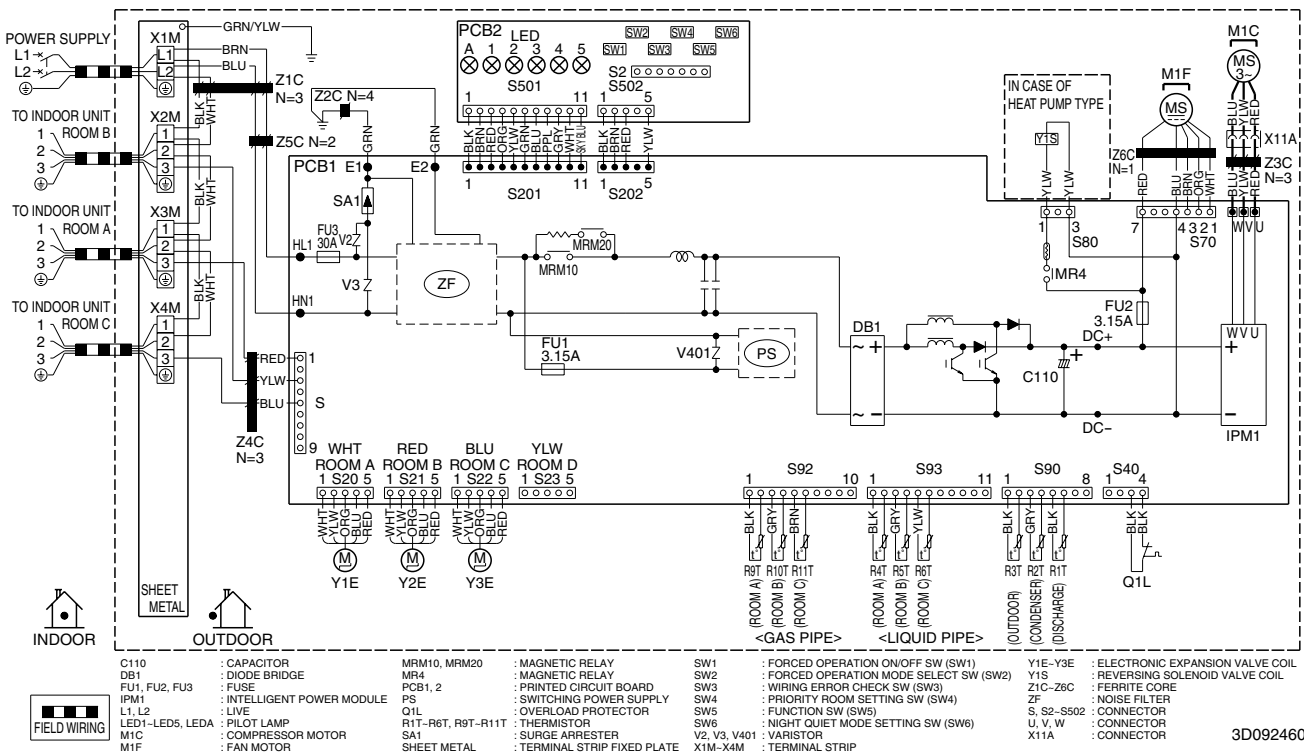
5.2 Outdoor Unit

1

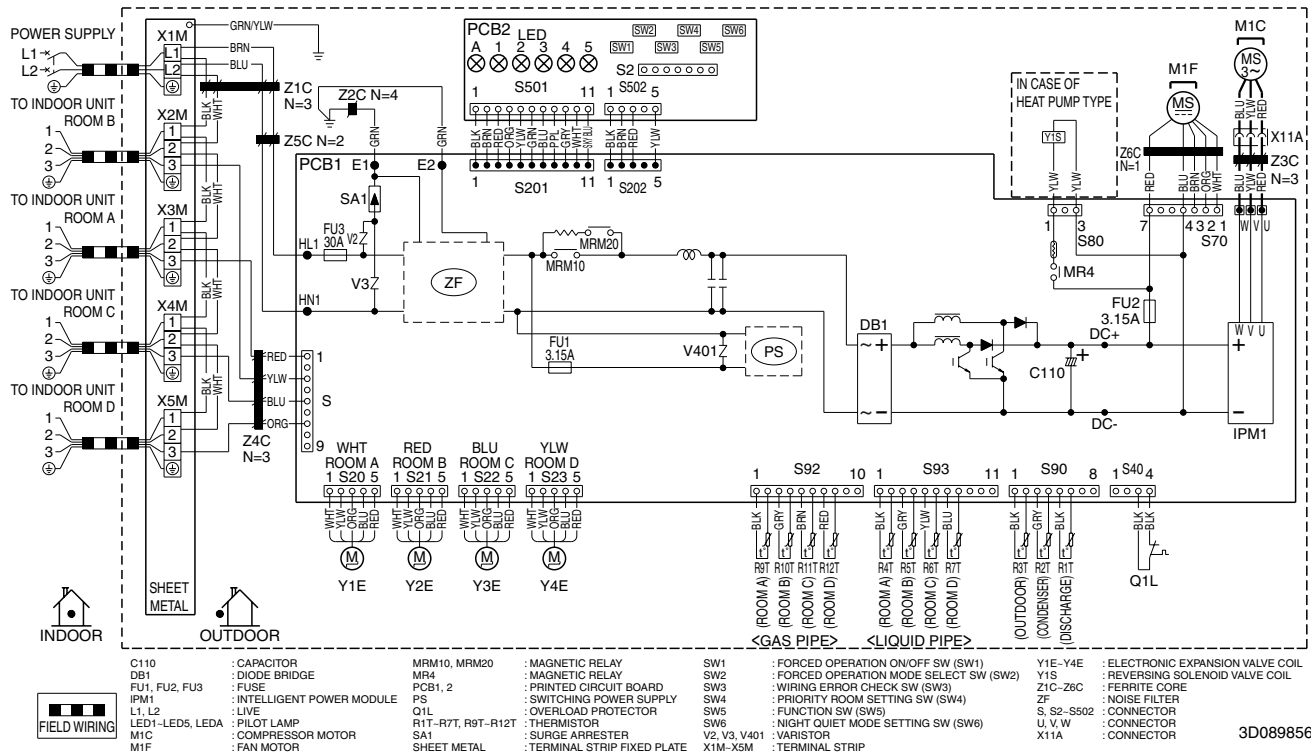
2MXS18NMVJU



3MXS24NMVJU



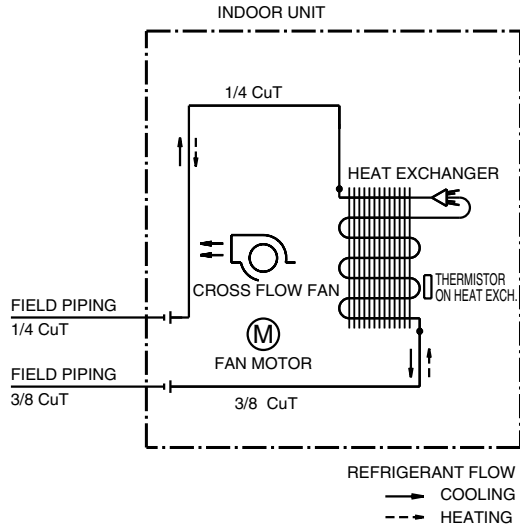
4MXS36NMVJU



6. Piping Diagrams

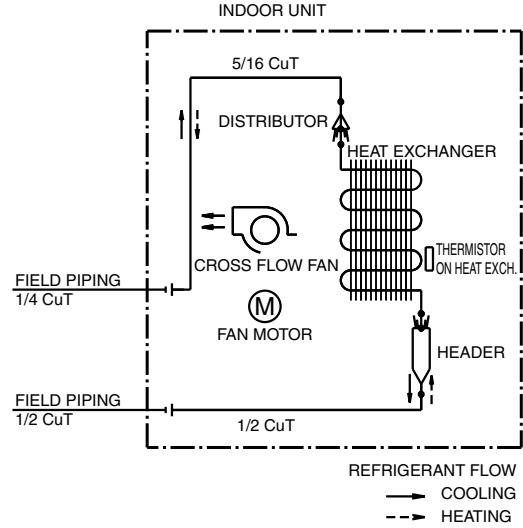
6.1 Indoor Unit

CTXS07LVJU, FTXS09/12LVJU



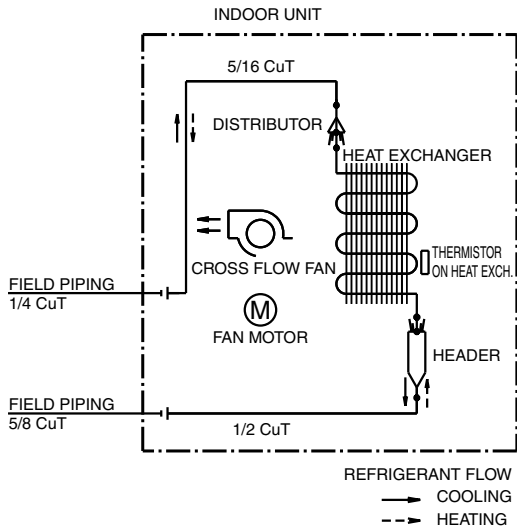
4D074606

FTXS15/18LVJU



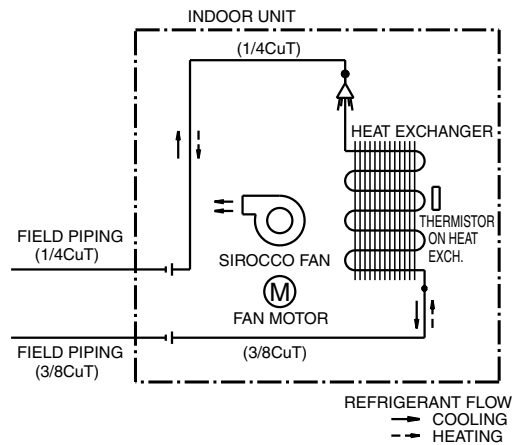
4D074609

FTXS24LVJU



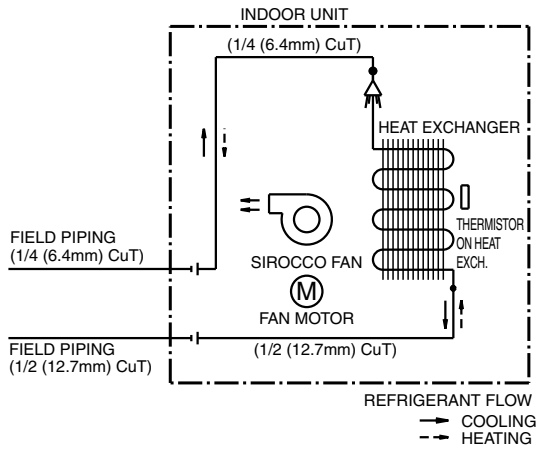
4D074608

FDXS09/12LVJU



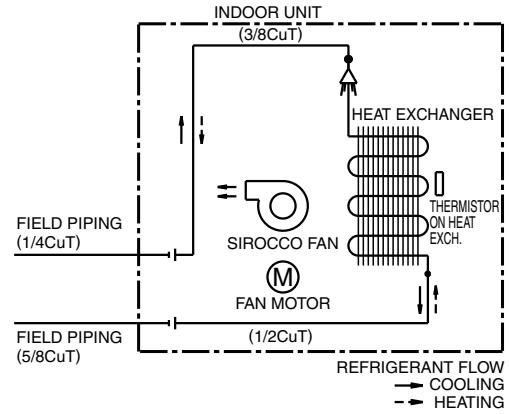
4D074621

CDXS15/18LVJU



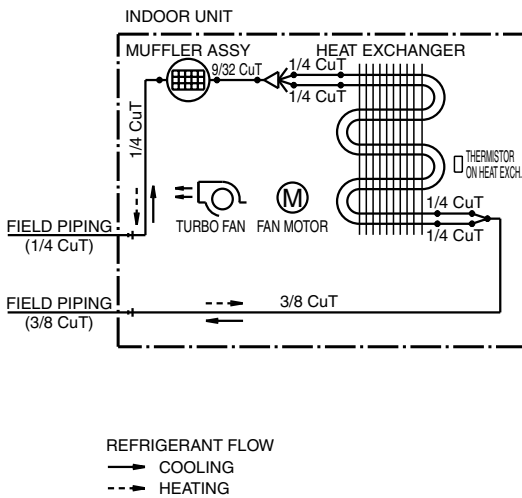
4D075271

CDXS24LVJU



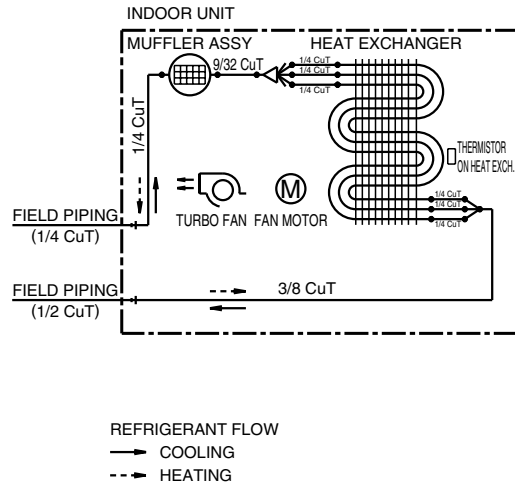
4D080593

FVXS09/12NVJU



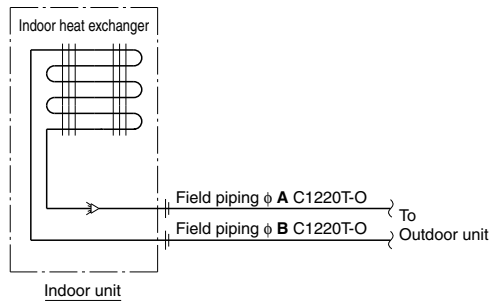
4D091794

FVXS18NVJU



4D091795

FFQ09/12/15/18LVJU

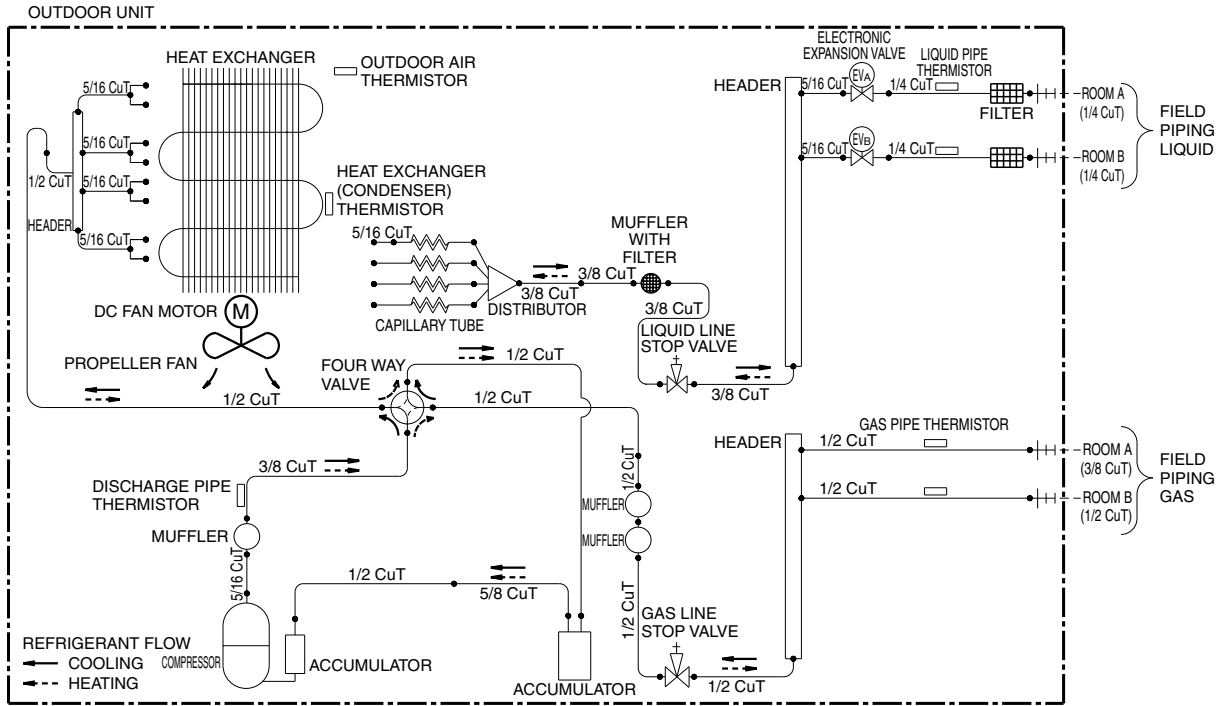


MODEL	A	B
FFQ09 · 12LVJU	1/4 (6.4)	3/8 (9.5)
FFQ15 · 18LVJU	1/4 (6.4)	1/2 (12.7)

4D080624

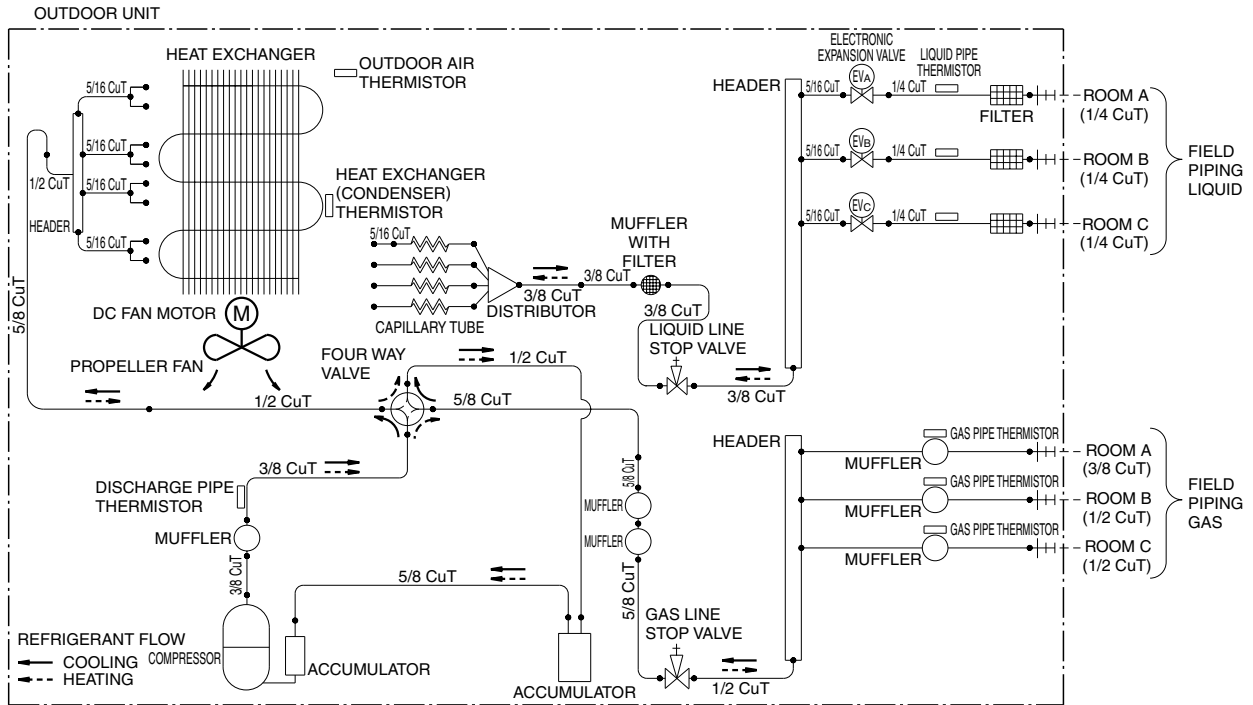
6.2 Outdoor Unit

2MXS18NMVJU



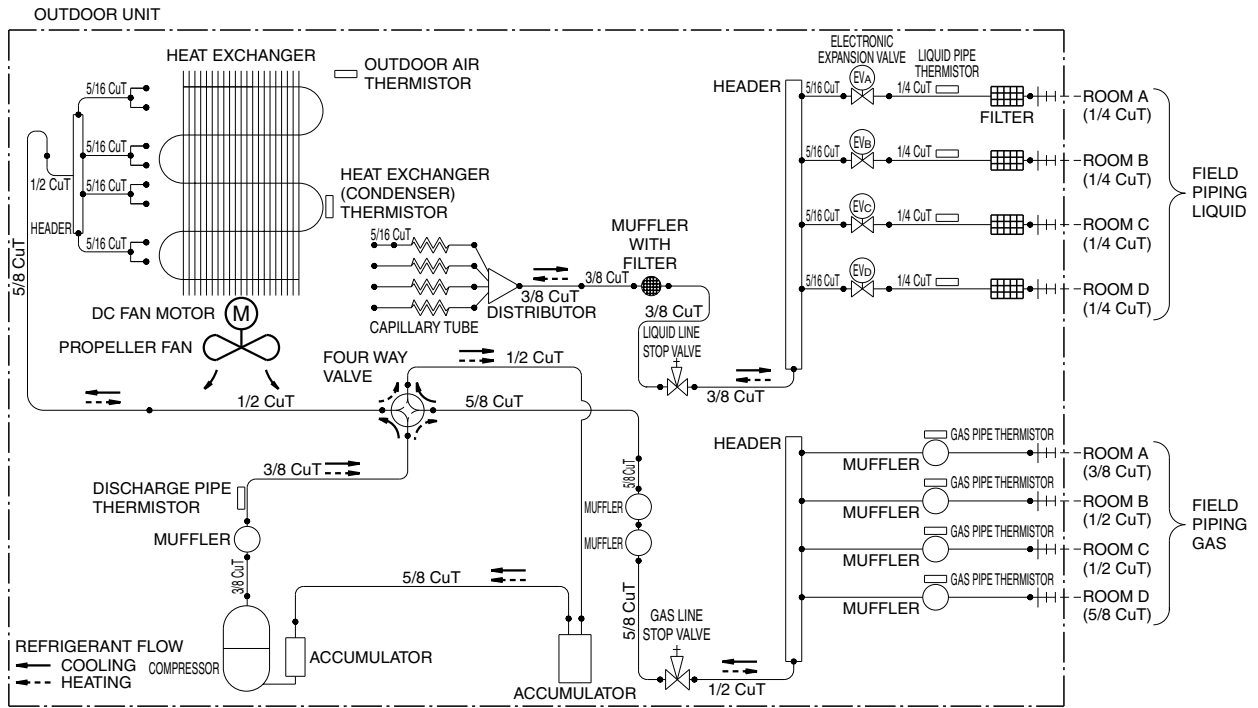
3D093190

3MXS24NMVJU



3D093191

4MXS36NMVJU



3D093192

7. Capacity Tables

7.1 2MXS18NMVJU

Cooling [60 Hz, 208 - 230 V]

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L	68.0	8.40	0.47	8.78	0.48	9.16	0.49	9.35	0.50	9.91	0.51	10.29	0.52
	77.0	8.02	0.50	8.40	0.51	8.77	0.52	8.96	0.53	9.53	0.54	9.91	0.55
	86.0	7.64	0.53	8.02	0.54	8.39	0.55	8.58	0.56	9.15	0.57	9.53	0.58
	89.6	7.48	0.55	7.86	0.56	8.24	0.57	8.43	0.57	9.00	0.58	9.37	0.59
	95.0	7.26	0.57	7.63	0.58	8.01	0.59	8.20	0.59	8.77	0.60	9.14	0.61
	104.0	6.87	0.60	7.25	0.61	7.63	0.62	7.82	0.63	8.38	0.64	8.76	0.65
	109.4	6.64	0.63	7.02	0.64	7.40	0.65	7.59	0.65	8.16	0.66	8.53	0.67
	114.8	6.42	0.65	6.79	0.66	7.17	0.67	7.36	0.67	7.93	0.69	8.30	0.70
FTXS09L	68.0	10.76	0.64	11.24	0.66	11.72	0.67	11.97	0.67	12.69	0.69	13.18	0.71
	77.0	10.27	0.68	10.75	0.69	11.24	0.71	11.48	0.71	12.20	0.73	12.69	0.75
	86.0	9.78	0.72	10.26	0.74	10.75	0.75	10.99	0.76	11.71	0.77	12.20	0.79
	89.6	9.58	0.74	10.07	0.75	10.55	0.77	10.79	0.77	11.52	0.79	12.00	0.81
	95.0	9.29	0.77	9.77	0.78	10.26	0.79	10.50	0.80	11.23	0.82	11.71	0.83
	104.0	8.80	0.82	9.29	0.83	9.77	0.84	10.01	0.85	10.74	0.87	11.22	0.88
	109.4	8.51	0.85	8.99	0.86	9.48	0.87	9.72	0.88	10.44	0.90	10.93	0.91
	114.8	8.22	0.88	8.70	0.89	9.18	0.91	9.42	0.91	10.15	0.93	10.63	0.95
FDXS09L	68.0	9.22	0.59	9.64	0.60	10.05	0.61	10.26	0.62	10.88	0.63	11.29	0.64
	77.0	8.80	0.62	9.22	0.63	9.63	0.64	9.84	0.65	10.46	0.67	10.87	0.68
	86.0	8.38	0.66	8.80	0.67	9.21	0.68	9.42	0.69	10.04	0.71	10.46	0.72
	89.6	8.21	0.68	8.63	0.69	9.04	0.70	9.25	0.71	9.87	0.72	10.29	0.73
	95.0	7.96	0.70	8.38	0.71	8.79	0.72	9.00	0.73	9.62	0.75	10.04	0.76
	104.0	7.54	0.75	7.96	0.76	8.37	0.77	8.58	0.78	9.20	0.79	9.62	0.80
	109.4	7.29	0.77	7.71	0.79	8.12	0.80	8.33	0.80	8.95	0.82	9.37	0.83
	114.8	7.04	0.80	7.46	0.82	7.87	0.83	8.08	0.83	8.70	0.85	9.11	0.86
FTXS12L	68.0	14.34	0.98	14.99	1.00	15.63	1.02	15.96	1.03	16.92	1.06	17.57	1.08
	77.0	13.69	1.04	14.34	1.06	14.98	1.08	15.30	1.09	16.27	1.12	16.92	1.14
	86.0	13.04	1.10	13.68	1.12	14.33	1.14	14.65	1.15	15.62	1.18	16.26	1.20
	89.6	12.78	1.13	13.42	1.15	14.07	1.17	14.39	1.18	15.36	1.21	16.00	1.23
	95.0	12.39	1.17	13.03	1.19	13.68	1.21	14.00	1.22	14.97	1.25	15.61	1.27
	104.0	11.74	1.25	12.38	1.27	13.03	1.29	13.35	1.30	14.32	1.33	14.96	1.35
	109.4	11.34	1.29	11.99	1.31	12.63	1.33	12.96	1.34	13.92	1.37	14.57	1.39
	114.8	8.75	0.98	9.14	0.98	9.52	0.98	9.71	0.98	10.25	0.98	10.61	0.98
FDXS12L	68.0	11.29	0.76	12.85	0.87	13.40	0.89	13.68	0.89	14.51	0.92	15.06	0.94
	77.0	11.29	0.86	12.29	0.92	12.84	0.94	13.12	0.94	13.95	0.97	14.50	0.99
	86.0	11.18	0.96	11.73	0.98	12.28	0.99	12.56	1.00	13.39	1.03	13.94	1.04
	89.6	10.95	0.98	11.51	1.00	12.06	1.02	12.34	1.02	13.16	1.05	13.72	1.07
	95.0	10.62	1.02	11.17	1.04	11.72	1.05	12.00	1.06	12.83	1.09	13.38	1.10
	104.0	10.06	1.08	10.61	1.10	11.16	1.12	11.44	1.13	12.27	1.15	12.82	1.17
	109.4	9.72	1.13	10.28	1.14	10.83	1.16	11.11	1.17	11.94	1.19	12.49	1.21
	114.8	8.29	0.98	8.67	0.98	9.04	0.98	9.22	0.98	9.75	0.98	10.09	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS15L	68.0	17.93	1.13	18.74	1.15	19.54	1.18	19.94	1.19	21.15	1.22	21.96	1.25
	77.0	17.11	1.20	17.92	1.22	18.73	1.25	19.13	1.26	20.34	1.29	21.15	1.31
	86.0	16.30	1.27	17.11	1.30	17.91	1.32	18.31	1.33	19.52	1.36	20.33	1.39
	89.6	15.97	1.31	16.78	1.33	17.59	1.35	17.99	1.36	19.20	1.40	20.00	1.42
	95.0	15.48	1.36	16.29	1.38	17.10	1.40	17.50	1.41	18.71	1.45	19.52	1.47
	104.0	14.67	1.44	15.48	1.46	16.28	1.49	16.69	1.50	17.89	1.53	18.70	1.55
	109.4	14.18	1.50	14.99	1.52	15.79	1.54	16.20	1.55	17.41	1.59	18.21	1.61
	114.8	9.83	0.98	10.25	0.98	10.66	0.98	10.87	0.98	11.46	0.98	11.85	0.98
CDXS15L	68.0	15.47	1.12	16.17	1.15	16.86	1.17	17.21	1.18	18.25	1.21	18.95	1.24
	77.0	14.77	1.19	15.46	1.21	16.16	1.24	16.51	1.25	17.55	1.28	18.25	1.30
	86.0	14.06	1.27	14.76	1.29	15.46	1.31	15.80	1.32	16.85	1.36	17.54	1.38
	89.6	13.78	1.30	14.48	1.32	15.17	1.34	15.52	1.35	16.57	1.39	17.26	1.41
	95.0	13.36	1.35	14.06	1.37	14.75	1.39	15.10	1.40	16.14	1.44	16.84	1.46
	104.0	12.66	1.43	13.35	1.45	14.05	1.48	14.40	1.49	15.44	1.52	16.14	1.54
	109.4	12.24	1.49	12.93	1.51	13.63	1.53	13.98	1.54	15.02	1.58	15.71	1.60
	114.8	8.67	0.98	9.04	0.98	9.41	0.98	9.59	0.98	10.11	0.98	10.45	0.98
CTXS07L + CTXS07L	68.0	16.70	1.00	17.45	1.02	18.20	1.04	18.58	1.05	19.70	1.08	20.45	1.09
	77.0	15.94	1.06	16.69	1.08	17.44	1.10	17.82	1.11	18.94	1.14	19.70	1.15
	86.0	15.18	1.12	15.93	1.14	16.68	1.16	17.06	1.17	18.19	1.20	18.94	1.22
	89.6	14.88	1.15	15.63	1.17	16.38	1.19	16.76	1.20	17.88	1.23	18.63	1.25
	95.0	14.42	1.19	15.17	1.21	15.92	1.23	16.30	1.24	17.43	1.27	18.18	1.29
	104.0	13.66	1.27	14.41	1.29	15.17	1.31	15.54	1.32	16.67	1.35	17.42	1.37
	109.4	13.21	1.32	13.96	1.34	14.71	1.36	15.09	1.37	16.21	1.40	16.96	1.42
	114.8	9.96	0.98	10.40	0.98	10.83	0.98	11.05	0.98	11.66	0.98	12.06	0.98
CTXS07L + FTXS09L	68.0	19.16	1.24	20.02	1.27	20.88	1.29	21.31	1.31	22.60	1.34	23.47	1.37
	77.0	18.29	1.32	19.15	1.34	20.01	1.37	20.44	1.38	21.73	1.42	22.60	1.44
	86.0	17.42	1.40	18.28	1.43	19.14	1.45	19.57	1.46	20.86	1.50	21.72	1.53
	89.6	17.07	1.44	17.93	1.46	18.79	1.49	19.22	1.50	20.51	1.53	21.38	1.56
	95.0	16.55	1.49	17.41	1.51	18.27	1.54	18.70	1.55	19.99	1.59	20.85	1.61
	104.0	15.68	1.58	16.54	1.61	17.40	1.63	17.83	1.65	19.12	1.68	19.98	1.71
	109.4	15.15	1.65	16.01	1.67	16.88	1.69	17.31	1.71	18.60	1.74	19.46	1.77
	114.8	9.89	0.98	10.31	0.98	10.72	0.98	10.92	0.98	11.51	0.98	11.89	0.98
CTXS07L + FDXS09L	68.0	17.83	1.17	18.63	1.20	19.43	1.22	19.83	1.23	21.03	1.27	21.83	1.29
	77.0	17.02	1.24	17.82	1.27	18.62	1.29	19.02	1.30	20.22	1.34	21.02	1.36
	86.0	16.21	1.32	17.01	1.34	17.81	1.37	18.21	1.38	19.41	1.41	20.21	1.44
	89.6	15.88	1.35	16.68	1.38	17.49	1.40	17.89	1.41	19.09	1.45	19.89	1.47
	95.0	15.40	1.40	16.20	1.43	17.00	1.45	17.40	1.46	18.60	1.50	19.40	1.52
	104.0	14.59	1.49	15.39	1.52	16.19	1.54	16.59	1.55	17.79	1.59	18.59	1.61
	109.4	14.10	1.55	14.90	1.57	15.70	1.60	16.10	1.61	17.31	1.64	18.11	1.67
	114.8	9.59	0.98	10.00	0.98	10.40	0.98	10.60	0.98	11.18	0.98	11.55	0.98
CTXS07L + FTXS12L	68.0	21.51	1.55	22.48	1.58	23.45	1.61	23.93	1.63	25.38	1.67	26.35	1.70
	77.0	20.54	1.64	21.50	1.67	22.47	1.70	22.96	1.72	24.41	1.77	25.37	1.80
	86.0	19.56	1.74	20.53	1.78	21.49	1.81	21.98	1.82	23.43	1.87	24.40	1.90
	89.6	19.17	1.79	20.14	1.82	21.10	1.85	21.59	1.86	23.04	1.91	24.01	1.94
	95.0	18.58	1.85	19.55	1.89	20.52	1.92	21.00	1.93	22.45	1.98	23.42	2.01
	104.0	17.60	1.97	18.57	2.00	19.54	2.04	20.02	2.05	21.47	2.10	22.44	2.13
	109.4	15.72	1.77	16.44	1.77	17.14	1.77	17.49	1.77	18.49	1.77	19.15	1.77
	114.8	9.91	0.98	10.30	0.98	10.69	0.98	10.88	0.98	11.43	0.98	11.79	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FDXS12L	68.0	20.08	1.45	20.98	1.48	21.89	1.51	22.34	1.53	23.69	1.57	24.60	1.60
	77.0	19.17	1.54	20.07	1.57	20.97	1.60	21.43	1.61	22.78	1.66	23.68	1.69
	86.0	18.26	1.64	19.16	1.67	20.06	1.69	20.51	1.71	21.87	1.75	22.77	1.78
	89.6	17.89	1.68	18.79	1.71	19.70	1.73	20.15	1.75	21.50	1.79	22.41	1.82
	95.0	17.34	1.74	18.25	1.77	19.15	1.80	19.60	1.81	20.95	1.86	21.86	1.88
	104.0	16.43	1.85	17.33	1.88	18.24	1.91	18.69	1.92	20.04	1.97	20.94	2.00
	109.4	15.19	1.77	15.90	1.77	16.59	1.77	16.93	1.77	17.92	1.77	18.56	1.77
	114.8	9.61	0.98	10.00	0.98	10.38	0.98	10.56	0.98	11.11	0.98	11.46	0.98
CTXS07L + FTXS15L	68.0	21.51	1.23	22.48	1.25	23.45	1.28	23.93	1.29	25.38	1.33	26.35	1.35
	77.0	20.54	1.30	21.50	1.33	22.47	1.35	22.96	1.36	24.41	1.40	25.37	1.42
	86.0	19.56	1.38	20.53	1.41	21.49	1.43	21.98	1.44	23.43	1.48	24.40	1.51
	89.6	19.17	1.42	20.14	1.44	21.10	1.47	21.59	1.48	23.04	1.52	24.01	1.54
	95.0	18.58	1.47	19.55	1.49	20.52	1.52	21.00	1.53	22.45	1.57	23.42	1.59
	104.0	17.60	1.56	18.57	1.59	19.54	1.61	20.02	1.63	21.47	1.66	22.44	1.69
	109.4	17.02	1.62	17.98	1.65	18.95	1.67	19.44	1.69	20.89	1.72	21.85	1.75
	114.8	11.01	0.98	11.48	0.98	11.94	0.98	12.16	0.98	12.82	0.98	13.24	0.98
CTXS07L + CDXS15L	68.0	20.08	1.36	20.98	1.38	21.89	1.41	22.34	1.42	23.69	1.47	24.60	1.49
	77.0	19.17	1.44	20.07	1.47	20.97	1.49	21.43	1.51	22.78	1.55	23.68	1.57
	86.0	18.26	1.53	19.16	1.55	20.06	1.58	20.51	1.60	21.87	1.64	22.77	1.66
	89.6	17.89	1.57	18.79	1.59	19.70	1.62	20.15	1.63	21.50	1.67	22.41	1.70
	95.0	17.34	1.62	18.25	1.65	19.15	1.68	19.60	1.69	20.95	1.73	21.86	1.76
	104.0	16.43	1.73	17.33	1.76	18.24	1.78	18.69	1.80	20.04	1.84	20.94	1.86
	109.4	15.77	1.77	16.52	1.77	17.24	1.77	17.60	1.77	18.64	1.77	19.31	1.77
	114.8	9.88	0.98	10.29	0.98	10.69	0.98	10.88	0.98	11.46	0.98	11.83	0.98
FTXS09L + FTXS09L	68.0	21.51	1.55	22.48	1.58	23.45	1.61	23.93	1.63	25.38	1.67	26.35	1.70
	77.0	20.54	1.64	21.50	1.67	22.47	1.70	22.96	1.72	24.41	1.77	25.37	1.80
	86.0	19.56	1.74	20.53	1.78	21.49	1.81	21.98	1.82	23.43	1.87	24.40	1.90
	89.6	19.17	1.79	20.14	1.82	21.10	1.85	21.59	1.86	23.04	1.91	24.01	1.94
	95.0	18.58	1.85	19.55	1.89	20.52	1.92	21.00	1.93	22.45	1.98	23.42	2.01
	104.0	17.60	1.97	18.57	2.00	19.54	2.04	20.02	2.05	21.47	2.10	22.44	2.13
	109.4	15.72	1.77	16.44	1.77	17.14	1.77	17.49	1.77	18.49	1.77	19.15	1.77
	114.8	9.91	0.98	10.30	0.98	10.69	0.98	10.88	0.98	11.43	0.98	11.79	0.98
FTXS09L + FDXS09L	68.0	20.08	1.44	20.98	1.47	21.89	1.49	22.34	1.51	23.69	1.55	24.60	1.58
	77.0	19.17	1.52	20.07	1.55	20.97	1.58	21.43	1.60	22.78	1.64	23.68	1.67
	86.0	18.26	1.62	19.16	1.65	20.06	1.68	20.51	1.69	21.87	1.73	22.77	1.76
	89.6	17.89	1.66	18.79	1.69	19.70	1.72	20.15	1.73	21.50	1.77	22.41	1.80
	95.0	17.34	1.72	18.25	1.75	19.15	1.78	19.60	1.79	20.95	1.83	21.86	1.86
	104.0	16.43	1.83	17.33	1.86	18.24	1.89	18.69	1.90	20.04	1.94	20.94	1.97
	109.4	15.28	1.77	15.99	1.77	16.69	1.77	17.03	1.77	18.03	1.77	18.68	1.77
	114.8	9.65	0.98	10.04	0.98	10.42	0.98	10.61	0.98	11.16	0.98	11.52	0.98
FDXS09L + FDXS09L	68.0	18.54	1.30	19.38	1.33	20.21	1.35	20.63	1.37	21.88	1.40	22.71	1.43
	77.0	17.70	1.38	18.53	1.41	19.37	1.43	19.79	1.44	21.04	1.48	21.87	1.51
	86.0	16.86	1.46	17.69	1.49	18.53	1.52	18.94	1.53	20.19	1.57	21.03	1.59
	89.6	16.52	1.50	17.35	1.53	18.19	1.55	18.61	1.57	19.86	1.60	20.69	1.63
	95.0	16.02	1.56	16.85	1.58	17.68	1.61	18.10	1.62	19.35	1.66	20.18	1.69
	104.0	15.17	1.66	16.01	1.68	16.84	1.71	17.26	1.72	18.51	1.76	19.34	1.79
	109.4	14.67	1.72	15.50	1.75	16.33	1.77	16.68	1.77	17.69	1.77	18.33	1.77
	114.8	9.43	0.98	9.82	0.98	10.20	0.98	10.39	0.98	10.94	0.98	11.30	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS12L	68.0	21.51	1.50	22.48	1.53	23.45	1.56	23.93	1.58	25.38	1.62	26.35	1.65
	77.0	20.54	1.59	21.50	1.62	22.47	1.65	22.96	1.67	24.41	1.71	25.37	1.74
	86.0	19.56	1.69	20.53	1.72	21.49	1.75	21.98	1.77	23.43	1.81	24.40	1.84
	89.6	19.17	1.73	20.14	1.76	21.10	1.79	21.59	1.81	23.04	1.85	24.01	1.88
	95.0	18.58	1.80	19.55	1.83	20.52	1.86	21.00	1.87	22.45	1.92	23.42	1.95
	104.0	17.60	1.91	18.57	1.94	19.54	1.97	20.02	1.99	21.47	2.03	22.44	2.06
	109.4	15.97	1.77	16.70	1.77	17.42	1.77	17.77	1.77	18.80	1.77	19.46	1.77
	114.8	10.02	0.98	10.42	0.98	10.82	0.98	11.01	0.98	11.58	0.98	11.95	0.98
FTXS09L + FDXS12L	68.0	20.08	1.44	20.98	1.47	21.89	1.49	22.34	1.51	23.69	1.55	24.60	1.58
	77.0	19.17	1.52	20.07	1.55	20.97	1.58	21.43	1.60	22.78	1.64	23.68	1.67
	86.0	18.26	1.62	19.16	1.65	20.06	1.68	20.51	1.69	21.87	1.73	22.77	1.76
	89.6	17.89	1.66	18.79	1.69	19.70	1.72	20.15	1.73	21.50	1.77	22.41	1.80
	95.0	17.34	1.72	18.25	1.75	19.15	1.78	19.60	1.79	20.95	1.83	21.86	1.86
	104.0	16.43	1.83	17.33	1.86	18.24	1.89	18.69	1.90	20.04	1.94	20.94	1.97
	109.4	15.28	1.77	15.99	1.77	16.69	1.77	17.03	1.77	18.03	1.77	18.68	1.77
	114.8	9.65	0.98	10.04	0.98	10.42	0.98	10.61	0.98	11.16	0.98	11.52	0.98
FDXS09L + FTXS12L	68.0	20.08	1.39	20.98	1.42	21.89	1.44	22.34	1.46	23.69	1.50	24.60	1.53
	77.0	19.17	1.47	20.07	1.50	20.97	1.53	21.43	1.54	22.78	1.58	23.68	1.61
	86.0	18.26	1.56	19.16	1.59	20.06	1.62	20.51	1.63	21.87	1.67	22.77	1.70
	89.6	17.89	1.60	18.79	1.63	19.70	1.66	20.15	1.67	21.50	1.71	22.41	1.74
	95.0	17.34	1.66	18.25	1.69	19.15	1.72	19.60	1.73	20.95	1.77	21.86	1.80
	104.0	16.43	1.77	17.33	1.80	18.24	1.82	18.69	1.84	20.04	1.88	20.94	1.91
	109.4	15.56	1.77	16.29	1.77	17.01	1.77	17.36	1.77	18.38	1.77	19.04	1.77
	114.8	9.78	0.98	10.18	0.98	10.57	0.98	10.77	0.98	11.33	0.98	11.70	0.98
FDXS09L + FDXS12L	68.0	18.54	1.30	19.38	1.33	20.21	1.35	20.63	1.37	21.88	1.40	22.71	1.43
	77.0	17.70	1.38	18.53	1.41	19.37	1.43	19.79	1.44	21.04	1.48	21.87	1.51
	86.0	16.86	1.46	17.69	1.49	18.53	1.52	18.94	1.53	20.19	1.57	21.03	1.59
	89.6	16.52	1.50	17.35	1.53	18.19	1.55	18.61	1.57	19.86	1.60	20.69	1.63
	95.0	16.02	1.56	16.85	1.58	17.68	1.61	18.10	1.62	19.35	1.66	20.18	1.69
	104.0	15.17	1.66	16.01	1.68	16.84	1.71	17.26	1.72	18.51	1.76	19.34	1.79
	109.4	14.67	1.72	15.50	1.75	16.33	1.77	16.68	1.77	17.69	1.77	18.33	1.77
	114.8	9.43	0.98	9.82	0.98	10.20	0.98	10.39	0.98	10.94	0.98	11.30	0.98
FTXS09L + FTXS15L	68.0	21.51	1.20	22.48	1.23	23.45	1.25	23.93	1.26	25.38	1.30	26.35	1.32
	77.0	20.54	1.28	21.50	1.30	22.47	1.33	22.96	1.34	24.41	1.37	25.37	1.40
	86.0	19.56	1.36	20.53	1.38	21.49	1.40	21.98	1.42	23.43	1.45	24.40	1.48
	89.6	19.17	1.39	20.14	1.41	21.10	1.44	21.59	1.45	23.04	1.49	24.01	1.51
	95.0	18.58	1.44	19.55	1.47	20.52	1.49	21.00	1.50	22.45	1.54	23.42	1.56
	104.0	17.60	1.53	18.57	1.56	19.54	1.58	20.02	1.59	21.47	1.63	22.44	1.65
	109.4	17.02	1.59	17.98	1.62	18.95	1.64	19.44	1.65	20.89	1.69	21.85	1.71
	114.8	11.14	0.98	11.61	0.98	12.08	0.98	12.30	0.98	12.97	0.98	13.40	0.98
FTXS09L + CDXS15L	68.0	20.08	1.33	20.98	1.36	21.89	1.39	22.34	1.40	23.69	1.44	24.60	1.47
	77.0	19.17	1.41	20.07	1.44	20.97	1.47	21.43	1.48	22.78	1.52	23.68	1.55
	86.0	18.26	1.50	19.16	1.53	20.06	1.55	20.51	1.57	21.87	1.61	22.77	1.63
	89.6	17.89	1.54	18.79	1.56	19.70	1.59	20.15	1.60	21.50	1.64	22.41	1.67
	95.0	17.34	1.60	18.25	1.62	19.15	1.65	19.60	1.66	20.95	1.70	21.86	1.73
	104.0	16.43	1.70	17.33	1.72	18.24	1.75	18.69	1.76	20.04	1.80	20.94	1.83
	109.4	15.88	1.76	16.69	1.77	17.43	1.77	17.79	1.77	18.84	1.77	19.53	1.77
	114.8	9.96	0.98	10.37	0.98	10.78	0.98	10.98	0.98	11.56	0.98	11.93	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FTXS15L	68.0	20.08	1.22	20.98	1.24	21.89	1.27	22.34	1.28	23.69	1.32	24.60	1.34
	77.0	19.17	1.29	20.07	1.32	20.97	1.34	21.43	1.35	22.78	1.39	23.68	1.42
	86.0	18.26	1.37	19.16	1.40	20.06	1.42	20.51	1.43	21.87	1.47	22.77	1.50
	89.6	17.89	1.41	18.79	1.43	19.70	1.46	20.15	1.47	21.50	1.51	22.41	1.53
	95.0	17.34	1.46	18.25	1.49	19.15	1.51	19.60	1.52	20.95	1.56	21.86	1.58
	104.0	16.43	1.55	17.33	1.58	18.24	1.60	18.69	1.61	20.04	1.65	20.94	1.68
	109.4	15.88	1.61	16.79	1.64	17.69	1.66	18.14	1.67	19.49	1.71	20.40	1.73
	114.8	10.41	0.98	10.85	0.98	11.28	0.98	11.50	0.98	12.12	0.98	12.52	0.98
FDXS09L + CDXS15L	68.0	18.54	1.23	19.38	1.25	20.21	1.28	20.63	1.29	21.88	1.33	22.71	1.35
	77.0	17.70	1.30	18.53	1.33	19.37	1.35	19.79	1.36	21.04	1.40	21.87	1.42
	86.0	16.86	1.38	17.69	1.41	18.53	1.43	18.94	1.44	20.19	1.48	21.03	1.51
	89.6	16.52	1.42	17.35	1.44	18.19	1.47	18.61	1.48	19.86	1.52	20.69	1.54
	95.0	16.02	1.47	16.85	1.49	17.68	1.52	18.10	1.53	19.35	1.57	20.18	1.59
	104.0	15.17	1.56	16.01	1.59	16.84	1.61	17.26	1.63	18.51	1.66	19.34	1.69
	109.4	14.67	1.62	15.50	1.65	16.33	1.67	16.75	1.69	18.00	1.72	18.84	1.75
	114.8	9.69	0.98	10.10	0.98	10.50	0.98	10.69	0.98	11.27	0.98	11.64	0.98
FTXS12L + FTXS12L	68.0	21.51	1.48	22.48	1.51	23.45	1.54	23.93	1.55	25.38	1.60	26.35	1.62
	77.0	20.54	1.57	21.50	1.60	22.47	1.63	22.96	1.64	24.41	1.68	25.37	1.71
	86.0	19.56	1.66	20.53	1.69	21.49	1.72	21.98	1.74	23.43	1.78	24.40	1.81
	89.6	19.17	1.70	20.14	1.73	21.10	1.76	21.59	1.78	23.04	1.82	24.01	1.85
	95.0	18.58	1.77	19.55	1.80	20.52	1.83	21.00	1.84	22.45	1.89	23.42	1.92
	104.0	17.60	1.88	18.57	1.91	19.54	1.94	20.02	1.95	21.47	2.00	22.44	2.03
	109.4	16.10	1.77	16.84	1.77	17.57	1.77	17.92	1.77	18.96	1.77	19.63	1.77
	114.8	10.08	0.98	10.49	0.98	10.89	0.98	11.08	0.98	11.66	0.98	12.03	0.98
FTXS12L + FDXS12L	68.0	20.08	1.39	20.98	1.42	21.89	1.44	22.34	1.46	23.69	1.50	24.60	1.53
	77.0	19.17	1.47	20.07	1.50	20.97	1.53	21.43	1.54	22.78	1.58	23.68	1.61
	86.0	18.26	1.56	19.16	1.59	20.06	1.62	20.51	1.63	21.87	1.67	22.77	1.70
	89.6	17.89	1.60	18.79	1.63	19.70	1.66	20.15	1.67	21.50	1.71	22.41	1.74
	95.0	17.34	1.66	18.25	1.69	19.15	1.72	19.60	1.73	20.95	1.77	21.86	1.80
	104.0	16.43	1.77	17.33	1.80	18.24	1.82	18.69	1.84	20.04	1.88	20.94	1.91
	109.4	15.56	1.77	16.29	1.77	17.01	1.77	17.36	1.77	18.38	1.77	19.04	1.77
	114.8	9.78	0.98	10.18	0.98	10.57	0.98	10.77	0.98	11.33	0.98	11.70	0.98
FDXS12L + FDXS12L	68.0	18.54	1.30	19.38	1.33	20.21	1.35	20.63	1.37	21.88	1.40	22.71	1.43
	77.0	17.70	1.38	18.53	1.41	19.37	1.43	19.79	1.44	21.04	1.48	21.87	1.51
	86.0	16.86	1.46	17.69	1.49	18.53	1.52	18.94	1.53	20.19	1.57	21.03	1.59
	89.6	16.52	1.50	17.35	1.53	18.19	1.55	18.61	1.57	19.86	1.60	20.69	1.63
	95.0	16.02	1.56	16.85	1.58	17.68	1.61	18.10	1.62	19.35	1.66	20.18	1.69
	104.0	15.17	1.66	16.01	1.68	16.84	1.71	17.26	1.72	18.51	1.76	19.34	1.79
	109.4	14.67	1.72	15.50	1.75	16.33	1.77	16.68	1.77	17.69	1.77	18.33	1.77
	114.8	9.43	0.98	9.82	0.98	10.20	0.98	10.39	0.98	10.94	0.98	11.30	0.98

Symbols:

- EWB : Entering wet bulb temp. (°F)
- EDB : Entering dry bulb temp. (°F)
- TC : Total capacity (kBtu/h)
- PI : Power input (kW)

Notes:

1. Ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. ■ shows max capacities and power input.
3. TC and PI must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
4. Capacities are based on the following conditions.
5. Corresponding refrigerant piping length : 25 ft

C: 3D093966
 C: 3D093967
 C: 3D093968

Heating [60 Hz, 208 - 230 V]

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L	60.8	5.44	0.57	6.54	0.60	7.63	0.63	8.73	0.66	10.04	0.69	10.92	0.72	12.01	0.75
	64.4	5.31	0.58	6.40	0.61	7.50	0.64	8.59	0.66	9.91	0.70	10.78	0.72	11.88	0.75
	68.0	5.17	0.58	6.27	0.61	7.36	0.64	8.46	0.67	9.77	0.71	10.65	0.73	11.75	0.76
	70.0	5.10	0.59	6.20	0.62	7.29	0.65	8.39	0.67	9.70	0.71	10.58	0.73	11.67	0.76
	71.6	5.04	0.59	6.14	0.62	7.23	0.65	8.33	0.68	9.64	0.71	10.52	0.74	11.61	0.77
	75.2	4.91	0.60	6.00	0.63	7.10	0.65	8.19	0.68	9.51	0.72	10.38	0.74	11.48	0.77
FTXS09L	60.8	7.01	0.74	8.42	0.78	9.84	0.82	11.25	0.85	12.94	0.90	14.07	0.93	15.48	0.97
	64.4	6.84	0.75	8.25	0.79	9.66	0.82	11.07	0.86	12.77	0.91	13.90	0.94	15.31	0.98
	68.0	6.67	0.76	8.08	0.79	9.49	0.83	10.90	0.87	12.60	0.92	13.73	0.95	15.14	0.98
	70.0	6.57	0.76	7.98	0.80	9.39	0.84	10.81	0.87	12.50	0.92	13.63	0.95	15.04	0.99
	71.6	6.50	0.76	7.91	0.80	9.32	0.84	10.73	0.88	12.42	0.92	13.55	0.95	14.96	0.99
	75.2	6.32	0.77	7.73	0.81	9.15	0.85	10.56	0.89	12.25	0.93	13.38	0.96	14.79	1.00
FDXS09L	60.8	7.01	0.91	8.42	0.96	9.84	1.00	11.25	1.05	12.94	1.10	14.07	1.14	15.48	1.19
	64.4	6.84	0.92	8.25	0.97	9.66	1.01	11.07	1.06	12.77	1.11	13.90	1.15	15.31	1.20
	68.0	6.67	0.93	8.08	0.98	9.49	1.02	10.90	1.07	12.60	1.12	13.73	1.16	15.14	1.21
	70.0	6.57	0.93	7.98	0.98	9.39	1.03	10.81	1.07	12.50	1.13	13.63	1.17	15.04	1.21
	71.6	6.50	0.94	7.91	0.99	9.32	1.03	10.73	1.08	12.42	1.13	13.55	1.17	14.96	1.22
	75.2	6.32	0.95	7.73	1.00	9.15	1.04	10.56	1.09	12.25	1.14	13.38	1.18	14.79	1.23
FTXS12L	60.8	9.37	1.02	11.25	1.07	13.14	1.13	15.03	1.18	17.29	1.24	18.80	1.28	20.68	1.33
	64.4	9.14	1.03	11.02	1.08	12.91	1.14	14.80	1.19	17.06	1.25	18.57	1.29	20.45	1.35
	68.0	8.91	1.04	10.79	1.10	12.68	1.15	14.57	1.20	16.83	1.26	18.34	1.31	20.22	1.36
	70.0	8.78	1.05	10.67	1.10	12.55	1.15	14.44	1.21	16.70	1.27	18.21	1.31	20.09	1.36
	71.6	8.68	1.06	10.56	1.11	12.45	1.16	14.33	1.21	16.60	1.28	18.11	1.32	19.99	1.37
	75.2	8.45	1.07	10.33	1.12	12.22	1.17	14.10	1.22	16.37	1.29	17.88	1.33	19.76	1.38
FDXS12L	60.8	9.37	1.29	11.25	1.35	13.14	1.42	15.03	1.48	17.29	1.56	18.80	1.62	20.68	1.68
	64.4	9.14	1.30	11.02	1.37	12.91	1.43	14.80	1.50	17.06	1.58	18.57	1.63	20.45	1.70
	68.0	8.91	1.32	10.79	1.38	12.68	1.45	14.57	1.51	16.83	1.59	18.34	1.64	20.22	1.71
	70.0	8.78	1.32	10.67	1.39	12.55	1.46	14.44	1.52	16.70	1.60	18.21	1.65	20.09	1.72
	71.6	8.68	1.33	10.56	1.40	12.45	1.46	14.33	1.53	16.60	1.61	18.11	1.66	19.99	1.73
	75.2	8.45	1.34	10.33	1.41	12.22	1.48	14.10	1.54	16.37	1.62	17.88	1.67	19.76	1.74
FTXS15L	60.8	11.67	1.15	14.02	1.21	16.37	1.27	18.72	1.33	21.53	1.40	23.41	1.44	25.76	1.50
	64.4	11.38	1.16	13.73	1.22	16.08	1.28	18.43	1.34	21.25	1.41	23.13	1.46	25.47	1.52
	68.0	11.10	1.18	13.44	1.23	15.79	1.29	18.14	1.35	20.96	1.42	22.84	1.47	25.19	1.53
	70.0	10.94	1.18	13.28	1.24	15.63	1.30	17.98	1.36	20.80	1.43	22.68	1.48	25.03	1.54
	71.6	10.81	1.19	13.16	1.25	15.51	1.31	17.85	1.37	20.67	1.44	22.55	1.48	24.90	1.54
	75.2	10.52	1.20	12.87	1.26	15.22	1.32	17.57	1.38	20.39	1.45	22.26	1.50	24.61	1.55
CDXS15L	60.8	11.67	1.61	14.02	1.69	16.37	1.77	18.72	1.86	21.53	1.95	23.41	2.02	25.76	2.10
	64.4	11.38	1.63	13.73	1.71	16.08	1.79	18.43	1.87	21.25	1.97	23.13	2.04	25.47	2.12
	68.0	11.10	1.64	13.44	1.73	15.79	1.81	18.14	1.89	20.96	1.99	22.84	2.06	25.19	2.14
	70.0	10.94	1.65	13.28	1.74	15.63	1.82	17.98	1.90	20.80	2.00	22.68	2.07	25.03	2.15
	71.6	10.81	1.66	13.16	1.74	15.51	1.83	17.85	1.91	20.67	2.01	22.55	2.07	24.90	2.16
	75.2	10.52	1.68	12.87	1.76	15.22	1.84	17.57	1.93	20.39	2.03	22.26	2.09	24.61	2.17
CTXS07L + CTXS07L	60.8	10.88	0.97	13.07	1.02	15.27	1.07	17.46	1.12	20.08	1.18	21.84	1.22	24.03	1.27
	64.4	10.62	0.98	12.81	1.03	15.00	1.08	17.19	1.13	19.82	1.19	21.57	1.23	23.76	1.28
	68.0	10.35	0.99	12.54	1.04	14.73	1.09	16.92	1.14	19.55	1.20	21.30	1.24	23.49	1.29
	70.0	10.20	1.00	12.39	1.05	14.58	1.10	16.77	1.15	19.40	1.21	21.15	1.25	23.34	1.30
	71.6	10.08	1.01	12.27	1.06	14.46	1.11	16.65	1.16	19.28	1.21	21.03	1.25	23.22	1.30
	75.2	9.81	1.02	12.00	1.07	14.19	1.12	16.38	1.17	19.01	1.23	20.77	1.27	22.96	1.32

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS09L	60.8	12.45	1.16	14.96	1.22	17.47	1.28	19.98	1.34	22.98	1.41	24.99	1.45	27.50	1.51
	64.4	12.15	1.17	14.66	1.23	17.16	1.29	19.67	1.35	22.68	1.42	24.68	1.47	27.19	1.53
	68.0	11.84	1.18	14.35	1.24	16.86	1.30	19.36	1.36	22.37	1.43	24.38	1.48	26.88	1.54
	70.0	11.67	1.19	14.18	1.25	16.69	1.31	19.19	1.37	22.20	1.44	24.21	1.49	26.71	1.55
	71.6	11.54	1.20	14.04	1.26	16.55	1.32	19.06	1.37	22.06	1.45	24.07	1.49	26.58	1.55
	75.2	11.23	1.21	13.74	1.27	16.24	1.33	18.75	1.39	21.76	1.46	23.76	1.51	26.27	1.57
CTXS07L + FDXS09L	60.8	12.45	1.32	14.96	1.39	17.47	1.45	19.98	1.52	22.98	1.60	24.99	1.66	27.50	1.72
	64.4	12.15	1.33	14.66	1.40	17.16	1.47	19.67	1.54	22.68	1.62	24.68	1.67	27.19	1.74
	68.0	11.84	1.35	14.35	1.42	16.86	1.48	19.36	1.55	22.37	1.63	24.38	1.69	26.88	1.75
	70.0	11.67	1.36	14.18	1.42	16.69	1.49	19.19	1.56	22.20	1.64	24.21	1.69	26.71	1.76
	71.6	11.54	1.36	14.04	1.43	16.55	1.50	19.06	1.57	22.06	1.65	24.07	1.70	26.58	1.77
	75.2	11.23	1.38	13.74	1.45	16.24	1.51	18.75	1.58	21.76	1.66	23.76	1.72	26.27	1.78
CTXS07L + FTXS12L	60.8	14.03	1.36	16.85	1.43	19.67	1.50	22.49	1.57	25.88	1.65	28.14	1.71	30.96	1.78
	64.4	13.68	1.37	16.50	1.44	19.33	1.51	22.15	1.58	25.54	1.67	27.80	1.72	30.62	1.79
	68.0	13.34	1.39	16.16	1.46	18.98	1.53	21.80	1.60	25.19	1.68	27.45	1.74	30.27	1.81
	70.0	13.14	1.40	15.97	1.47	18.79	1.54	21.61	1.61	25.00	1.69	27.26	1.75	30.08	1.82
	71.6	12.99	1.40	15.81	1.47	18.64	1.54	21.46	1.61	24.85	1.70	27.10	1.75	29.93	1.82
	75.2	12.65	1.42	15.47	1.49	18.29	1.56	21.11	1.63	24.50	1.71	26.76	1.77	29.58	1.84
CTXS07L + FDXS12L	60.8	14.03	1.58	16.85	1.67	19.67	1.75	22.49	1.83	25.88	1.92	28.14	1.99	30.96	2.07
	64.4	13.68	1.60	16.50	1.68	19.33	1.76	22.15	1.85	25.54	1.94	27.80	2.01	30.62	2.09
	68.0	13.34	1.62	16.16	1.70	18.98	1.78	21.80	1.86	25.19	1.96	27.45	2.03	30.27	2.11
	70.0	13.14	1.63	15.97	1.71	18.79	1.79	21.61	1.87	25.00	1.97	27.26	2.03	30.08	2.12
	71.6	12.99	1.64	15.81	1.72	18.64	1.80	21.46	1.88	24.85	1.98	27.10	2.04	29.93	2.12
	75.2	12.65	1.65	15.47	1.74	18.29	1.82	21.11	1.90	24.50	2.00	26.76	2.06	29.58	2.14
CTXS07L + FTXS15L	60.8	14.03	1.17	16.85	1.23	19.67	1.29	22.49	1.35	25.88	1.43	28.14	1.47	30.96	1.53
	64.4	13.68	1.19	16.50	1.25	19.33	1.31	22.15	1.37	25.54	1.44	27.80	1.49	30.62	1.55
	68.0	13.34	1.20	16.16	1.26	18.98	1.32	21.80	1.38	25.19	1.45	27.45	1.50	30.27	1.56
	70.0	13.14	1.21	15.97	1.27	18.79	1.33	21.61	1.39	25.00	1.46	27.26	1.51	30.08	1.57
	71.6	12.99	1.21	15.81	1.27	18.64	1.33	21.46	1.39	24.85	1.47	27.10	1.51	29.93	1.57
	75.2	12.65	1.23	15.47	1.29	18.29	1.35	21.11	1.41	24.50	1.48	26.76	1.53	29.58	1.59
CTXS07L + CDXS15L	60.8	14.03	1.52	16.85	1.60	19.67	1.68	22.49	1.75	25.88	1.85	28.14	1.91	30.96	1.99
	64.4	13.68	1.54	16.50	1.61	19.33	1.69	22.15	1.77	25.54	1.86	27.80	1.93	30.62	2.00
	68.0	13.34	1.55	16.16	1.63	18.98	1.71	21.80	1.79	25.19	1.88	27.45	1.94	30.27	2.02
	70.0	13.14	1.56	15.97	1.64	18.79	1.72	21.61	1.80	25.00	1.89	27.26	1.95	30.08	2.03
	71.6	12.99	1.57	15.81	1.65	18.64	1.73	21.46	1.80	24.85	1.90	27.10	1.96	29.93	2.04
	75.2	12.65	1.59	15.47	1.67	18.29	1.74	21.11	1.82	24.50	1.91	26.76	1.98	29.58	2.05
FTXS09L + FTXS09L	60.8	14.03	1.36	16.85	1.43	19.67	1.50	22.49	1.57	25.88	1.65	28.14	1.71	30.96	1.78
	64.4	13.68	1.37	16.50	1.44	19.33	1.51	22.15	1.58	25.54	1.67	27.80	1.72	30.62	1.79
	68.0	13.34	1.39	16.16	1.46	18.98	1.53	21.80	1.60	25.19	1.68	27.45	1.74	30.27	1.81
	70.0	13.14	1.40	15.97	1.47	18.79	1.54	21.61	1.61	25.00	1.69	27.26	1.75	30.08	1.82
	71.6	12.99	1.40	15.81	1.47	18.64	1.54	21.46	1.61	24.85	1.70	27.10	1.75	29.93	1.82
	75.2	12.65	1.42	15.47	1.49	18.29	1.56	21.11	1.63	24.50	1.71	26.76	1.77	29.58	1.84
FTXS09L + FDXS09L	60.8	14.03	1.54	16.85	1.61	19.67	1.69	22.49	1.77	25.88	1.87	28.14	1.93	30.96	2.01
	64.4	13.68	1.55	16.50	1.63	19.33	1.71	22.15	1.79	25.54	1.88	27.80	1.95	30.62	2.02
	68.0	13.34	1.57	16.16	1.65	18.98	1.73	21.80	1.81	25.19	1.90	27.45	1.96	30.27	2.04
	70.0	13.14	1.58	15.97	1.66	18.79	1.74	21.61	1.82	25.00	1.91	27.26	1.97	30.08	2.05
	71.6	12.99	1.59	15.81	1.67	18.64	1.74	21.46	1.82	24.85	1.92	27.10	1.98	29.93	2.06
	75.2	12.65	1.60	15.47	1.68	18.29	1.76	21.11	1.84	24.50	1.93	26.76	2.00	29.58	2.08

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FDXS09L	60.8	14.03	1.76	16.85	1.85	19.67	1.94	22.49	2.03	25.88	2.14	28.14	2.21	30.96	2.30
	64.4	13.68	1.78	16.50	1.87	19.33	1.96	22.15	2.05	25.54	2.16	27.80	2.23	30.62	2.32
	68.0	13.34	1.80	16.16	1.89	18.98	1.98	21.80	2.07	25.19	2.18	27.45	2.25	30.27	2.34
	70.0	13.14	1.81	15.97	1.90	18.79	1.99	21.61	2.08	25.00	2.19	27.26	2.26	30.08	2.35
	71.6	12.99	1.82	15.81	1.91	18.64	2.00	21.46	2.09	24.85	2.20	27.10	2.27	29.93	2.36
	75.2	12.65	1.84	15.47	1.93	18.29	2.02	21.11	2.11	24.50	2.22	26.76	2.29	29.58	2.38
FTXS09L + FTXS12L	60.8	14.03	1.32	16.85	1.39	19.67	1.45	22.49	1.52	25.88	1.60	28.14	1.66	30.96	1.72
	64.4	13.68	1.33	16.50	1.40	19.33	1.47	22.15	1.54	25.54	1.62	27.80	1.67	30.62	1.74
	68.0	13.34	1.35	16.16	1.42	18.98	1.48	21.80	1.55	25.19	1.63	27.45	1.69	30.27	1.75
	70.0	13.14	1.36	15.97	1.42	18.79	1.49	21.61	1.56	25.00	1.64	27.26	1.69	30.08	1.76
	71.6	12.99	1.36	15.81	1.43	18.64	1.50	21.46	1.57	24.85	1.65	27.10	1.70	29.93	1.77
	75.2	12.65	1.38	15.47	1.45	18.29	1.51	21.11	1.58	24.50	1.66	26.76	1.72	29.58	1.78
FTXS09L + FDXS12L	60.8	14.03	1.54	16.85	1.61	19.67	1.69	22.49	1.77	25.88	1.87	28.14	1.93	30.96	2.01
	64.4	13.68	1.55	16.50	1.63	19.33	1.71	22.15	1.79	25.54	1.88	27.80	1.95	30.62	2.02
	68.0	13.34	1.57	16.16	1.65	18.98	1.73	21.80	1.81	25.19	1.90	27.45	1.96	30.27	2.04
	70.0	13.14	1.58	15.97	1.66	18.79	1.74	21.61	1.82	25.00	1.91	27.26	1.97	30.08	2.05
	71.6	12.99	1.59	15.81	1.67	18.64	1.74	21.46	1.82	24.85	1.92	27.10	1.98	29.93	2.06
	75.2	12.65	1.60	15.47	1.68	18.29	1.76	21.11	1.84	24.50	1.93	26.76	2.00	29.58	2.08
FDXS09L + FTXS12L	60.8	14.03	1.49	16.85	1.56	19.67	1.64	22.49	1.72	25.88	1.81	28.14	1.87	30.96	1.94
	64.4	13.68	1.50	16.50	1.58	19.33	1.66	22.15	1.73	25.54	1.82	27.80	1.89	30.62	1.96
	68.0	13.34	1.52	16.16	1.60	18.98	1.67	21.80	1.75	25.19	1.84	27.45	1.90	30.27	1.98
	70.0	13.14	1.53	15.97	1.61	18.79	1.68	21.61	1.76	25.00	1.85	27.26	1.91	30.08	1.99
	71.6	12.99	1.54	15.81	1.61	18.64	1.69	21.46	1.77	24.85	1.86	27.10	1.92	29.93	1.99
	75.2	12.65	1.55	15.47	1.63	18.29	1.71	21.11	1.78	24.50	1.87	26.76	1.94	29.58	2.01
FDXS09L + FDXS12L	60.8	14.03	1.76	16.85	1.85	19.67	1.94	22.49	2.03	25.88	2.14	28.14	2.21	30.96	2.30
	64.4	13.68	1.78	16.50	1.87	19.33	1.96	22.15	2.05	25.54	2.16	27.80	2.23	30.62	2.32
	68.0	13.34	1.80	16.16	1.89	18.98	1.98	21.80	2.07	25.19	2.18	27.45	2.25	30.27	2.34
	70.0	13.14	1.81	15.97	1.90	18.79	1.99	21.61	2.08	25.00	2.19	27.26	2.26	30.08	2.35
	71.6	12.99	1.82	15.81	1.91	18.64	2.00	21.46	2.09	24.85	2.20	27.10	2.27	29.93	2.36
	75.2	12.65	1.84	15.47	1.93	18.29	2.02	21.11	2.11	24.50	2.22	26.76	2.29	29.58	2.38
FTXS09L + FTXS15L	60.8	14.03	1.13	16.85	1.19	19.67	1.25	22.49	1.31	25.88	1.38	28.14	1.42	30.96	1.48
	64.4	13.68	1.15	16.50	1.20	19.33	1.26	22.15	1.32	25.54	1.39	27.80	1.44	30.62	1.49
	68.0	13.34	1.16	16.16	1.22	18.98	1.28	21.80	1.33	25.19	1.40	27.45	1.45	30.27	1.51
	70.0	13.14	1.17	15.97	1.22	18.79	1.28	21.61	1.34	25.00	1.41	27.26	1.46	30.08	1.51
	71.6	12.99	1.17	15.81	1.23	18.64	1.29	21.46	1.35	24.85	1.42	27.10	1.46	29.93	1.52
	75.2	12.65	1.18	15.47	1.24	18.29	1.30	21.11	1.36	24.50	1.43	26.76	1.47	29.58	1.53
FTXS09L + CDXS15L	60.8	14.03	1.47	16.85	1.55	19.67	1.62	22.49	1.70	25.88	1.79	28.14	1.85	30.96	1.92
	64.4	13.68	1.49	16.50	1.56	19.33	1.64	22.15	1.71	25.54	1.80	27.80	1.86	30.62	1.94
	68.0	13.34	1.50	16.16	1.58	18.98	1.66	21.80	1.73	25.19	1.82	27.45	1.88	30.27	1.96
	70.0	13.14	1.51	15.97	1.59	18.79	1.66	21.61	1.74	25.00	1.83	27.26	1.89	30.08	1.97
	71.6	12.99	1.52	15.81	1.60	18.64	1.67	21.46	1.75	24.85	1.84	27.10	1.90	29.93	1.97
	75.2	12.65	1.54	15.47	1.61	18.29	1.69	21.11	1.76	24.50	1.85	26.76	1.91	29.58	1.99
FDXS09L + FTXS15L	60.8	14.03	1.27	16.85	1.34	19.67	1.40	22.49	1.47	25.88	1.54	28.14	1.60	30.96	1.66
	64.4	13.68	1.28	16.50	1.35	19.33	1.41	22.15	1.48	25.54	1.56	27.80	1.61	30.62	1.67
	68.0	13.34	1.30	16.16	1.36	18.98	1.43	21.80	1.49	25.19	1.57	27.45	1.62	30.27	1.69
	70.0	13.14	1.31	15.97	1.37	18.79	1.44	21.61	1.50	25.00	1.58	27.26	1.63	30.08	1.70
	71.6	12.99	1.31	15.81	1.38	18.64	1.44	21.46	1.51	24.85	1.59	27.10	1.64	29.93	1.70
	75.2	12.65	1.33	15.47	1.39	18.29	1.46	21.11	1.52	24.50	1.60	26.76	1.65	29.58	1.72

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + CDXS15L	60.8	14.03	1.66	16.85	1.74	19.67	1.83	22.49	1.91	25.88	2.01	28.14	2.08	30.96	2.17
	64.4	13.68	1.67	16.50	1.76	19.33	1.84	22.15	1.93	25.54	2.03	27.80	2.10	30.62	2.18
	68.0	13.34	1.69	16.16	1.78	18.98	1.86	21.80	1.95	25.19	2.05	27.45	2.12	30.27	2.20
	70.0	13.14	1.70	15.97	1.79	18.79	1.87	21.61	1.96	25.00	2.06	27.26	2.13	30.08	2.21
	71.6	12.99	1.71	15.81	1.80	18.64	1.88	21.46	1.97	24.85	2.07	27.10	2.14	29.93	2.22
	75.2	12.65	1.73	15.47	1.82	18.29	1.90	21.11	1.99	24.50	2.09	26.76	2.15	29.58	2.24
FTXS12L + FTXS12L	60.8	14.03	1.28	16.85	1.34	19.67	1.41	22.49	1.47	25.88	1.55	28.14	1.61	30.96	1.67
	64.4	13.68	1.29	16.50	1.36	19.33	1.42	22.15	1.49	25.54	1.57	27.80	1.62	30.62	1.69
	68.0	13.34	1.31	16.16	1.37	18.98	1.44	21.80	1.50	25.19	1.58	27.45	1.63	30.27	1.70
	70.0	13.14	1.32	15.97	1.38	18.79	1.45	21.61	1.51	25.00	1.59	27.26	1.64	30.08	1.71
	71.6	12.99	1.32	15.81	1.39	18.64	1.45	21.46	1.52	24.85	1.60	27.10	1.65	29.93	1.71
	75.2	12.65	1.34	15.47	1.40	18.29	1.47	21.11	1.53	24.50	1.61	26.76	1.66	29.58	1.73
FTXS12L + FDXS12L	60.8	14.03	1.49	16.85	1.56	19.67	1.64	22.49	1.72	25.88	1.81	28.14	1.87	30.96	1.94
	64.4	13.68	1.50	16.50	1.58	19.33	1.66	22.15	1.73	25.54	1.82	27.80	1.89	30.62	1.96
	68.0	13.34	1.52	16.16	1.60	18.98	1.67	21.80	1.75	25.19	1.84	27.45	1.90	30.27	1.98
	70.0	13.14	1.53	15.97	1.61	18.79	1.68	21.61	1.76	25.00	1.85	27.26	1.91	30.08	1.99
	71.6	12.99	1.54	15.81	1.61	18.64	1.69	21.46	1.77	24.85	1.86	27.10	1.92	29.93	1.99
	75.2	12.65	1.55	15.47	1.63	18.29	1.71	21.11	1.78	24.50	1.87	26.76	1.94	29.58	2.01
FDXS12L + FDXS12L	60.8	14.03	1.76	16.85	1.85	19.67	1.94	22.49	2.03	25.88	2.14	28.14	2.21	30.96	2.30
	64.4	13.68	1.78	16.50	1.87	19.33	1.96	22.15	2.05	25.54	2.16	27.80	2.23	30.62	2.32
	68.0	13.34	1.80	16.16	1.89	18.98	1.98	21.80	2.07	25.19	2.18	27.45	2.25	30.27	2.34
	70.0	13.14	1.81	15.97	1.90	18.79	1.99	21.61	2.08	25.00	2.19	27.26	2.26	30.08	2.35
	71.6	12.99	1.82	15.81	1.91	18.64	2.00	21.46	2.09	24.85	2.20	27.10	2.27	29.93	2.36
	75.2	12.65	1.84	15.47	1.93	18.29	2.02	21.11	2.11	24.50	2.22	26.76	2.29	29.58	2.38

Symbols:

EWB	: Entering wet bulb temp.	(°F)
EDB	: Entering dry bulb temp.	(°F)
TC	: Total capacity	(kBtu/h)
PI	: Power input	(kW)

Notes:

1. Ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. ■ shows max capacities and power input.
3. TC and PI must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
4. Capacities are based on the following conditions.
5. Corresponding refrigerant piping length : 25 ft

C: 3D093969
C: 3D093970
C: 3D093971

7.2 3MXS24NMVJU

1

Cooling [60 Hz, 208 - 230 V]

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L	68.0	8.61	0.47	8.99	0.48	9.38	0.48	9.57	0.49	10.15	0.50	10.54	0.51
	77.0	8.21	0.49	8.60	0.50	8.99	0.51	9.18	0.52	9.76	0.53	10.15	0.54
	86.0	7.82	0.52	8.21	0.53	8.60	0.54	8.79	0.55	9.37	0.56	9.76	0.57
	89.6	7.67	0.54	8.05	0.55	8.44	0.56	8.63	0.56	9.22	0.57	9.60	0.58
	95.0	7.43	0.56	7.82	0.57	8.21	0.58	8.40	0.58	8.98	0.59	9.37	0.60
	104.0	7.04	0.59	7.43	0.60	7.82	0.61	8.01	0.62	8.59	0.63	8.98	0.64
	109.4	6.81	0.62	7.19	0.62	7.58	0.63	7.77	0.64	8.35	0.65	8.74	0.66
	114.8	6.57	0.64	6.96	0.65	7.35	0.66	7.54	0.66	8.12	0.68	8.51	0.69
FTXS09L	68.0	11.06	0.64	11.56	0.66	12.06	0.67	12.31	0.67	13.06	0.69	13.55	0.71
	77.0	10.56	0.68	11.06	0.69	11.56	0.71	11.81	0.71	12.55	0.73	13.05	0.75
	86.0	10.06	0.72	10.56	0.74	11.05	0.75	11.30	0.76	12.05	0.77	12.55	0.79
	89.6	9.86	0.74	10.36	0.75	10.85	0.77	11.10	0.77	11.85	0.79	12.35	0.81
	95.0	9.56	0.77	10.05	0.78	10.55	0.79	10.80	0.80	11.55	0.82	12.04	0.83
	104.0	9.05	0.82	9.55	0.83	10.05	0.84	10.30	0.85	11.04	0.87	11.54	0.88
	109.4	8.75	0.85	9.25	0.86	9.75	0.87	10.00	0.88	10.74	0.90	11.24	0.91
	114.8	8.45	0.88	8.95	0.89	9.44	0.91	9.69	0.91	10.44	0.93	10.94	0.95
FDXS09L	68.0	9.84	0.56	10.28	0.57	10.72	0.58	10.94	0.59	11.60	0.61	12.05	0.62
	77.0	9.39	0.60	9.83	0.61	10.27	0.62	10.49	0.62	11.16	0.64	11.60	0.65
	86.0	8.94	0.63	9.38	0.64	9.83	0.66	10.05	0.66	10.71	0.68	11.15	0.69
	89.6	8.76	0.65	9.20	0.66	9.65	0.67	9.87	0.68	10.53	0.69	10.97	0.70
	95.0	8.49	0.67	8.94	0.68	9.38	0.70	9.60	0.70	10.26	0.72	10.71	0.73
	104.0	8.05	0.72	8.49	0.73	8.93	0.74	9.15	0.74	9.82	0.76	10.26	0.77
	109.4	7.78	0.74	8.22	0.75	8.66	0.77	8.88	0.77	9.55	0.79	9.99	0.80
	114.8	7.51	0.77	7.95	0.78	8.40	0.79	8.62	0.80	9.28	0.82	9.72	0.83
FTXS12L	68.0	14.75	0.98	15.42	1.00	16.08	1.02	16.41	1.03	17.41	1.06	18.07	1.08
	77.0	14.08	1.04	14.75	1.06	15.41	1.08	15.74	1.09	16.74	1.12	17.40	1.14
	86.0	13.41	1.10	14.08	1.12	14.74	1.14	15.07	1.15	16.07	1.18	16.73	1.20
	89.6	13.14	1.13	13.81	1.15	14.47	1.17	14.80	1.18	15.80	1.21	16.46	1.23
	95.0	12.74	1.17	13.40	1.19	14.07	1.21	14.40	1.22	15.40	1.25	16.06	1.27
	104.0	12.07	1.25	12.73	1.27	13.40	1.29	13.73	1.30	14.72	1.33	15.39	1.35
	109.4	11.67	1.29	12.33	1.31	13.00	1.33	13.33	1.34	14.32	1.37	14.99	1.39
	114.8	8.98	0.98	9.38	0.98	9.77	0.98	9.96	0.98	10.52	0.98	10.88	0.98
FDXS12L	68.0	11.29	0.74	12.95	0.86	13.51	0.88	13.79	0.89	14.63	0.91	15.18	0.93
	77.0	11.29	0.84	12.39	0.91	12.95	0.93	13.23	0.94	14.06	0.96	14.62	0.98
	86.0	11.27	0.95	11.83	0.97	12.38	0.98	12.66	0.99	13.50	1.02	14.06	1.03
	89.6	11.04	0.97	11.60	0.99	12.16	1.01	12.44	1.01	13.27	1.04	13.83	1.06
	95.0	10.71	1.01	11.26	1.03	11.82	1.04	12.10	1.05	12.94	1.08	13.49	1.09
	104.0	10.14	1.07	10.70	1.09	11.26	1.11	11.54	1.12	12.37	1.14	12.93	1.16
	109.4	9.80	1.11	10.36	1.13	10.92	1.15	11.20	1.16	12.03	1.18	12.59	1.20
	114.8	8.41	0.98	8.79	0.98	9.17	0.98	9.35	0.98	9.89	0.98	10.24	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS15L	68.0	18.44	1.13	19.27	1.15	20.10	1.18	20.51	1.19	21.76	1.22	22.59	1.25
	77.0	17.60	1.20	18.43	1.22	19.26	1.25	19.68	1.26	20.92	1.29	21.75	1.31
	86.0	16.76	1.27	17.59	1.30	18.42	1.32	18.84	1.33	20.08	1.36	20.91	1.39
	89.6	16.43	1.31	17.26	1.33	18.09	1.35	18.50	1.36	19.75	1.40	20.58	1.42
	95.0	15.93	1.36	16.76	1.38	17.59	1.40	18.00	1.41	19.24	1.45	20.07	1.47
	104.0	15.09	1.44	15.92	1.46	16.75	1.49	17.16	1.50	18.41	1.53	19.24	1.55
	109.4	14.59	1.50	15.42	1.52	16.24	1.54	16.66	1.55	17.90	1.59	18.73	1.61
	114.8	10.07	0.98	10.51	0.98	10.93	0.98	11.14	0.98	11.75	0.98	12.15	0.98
CDXS15L	68.0	15.47	1.08	16.17	1.10	16.86	1.12	17.21	1.13	18.25	1.16	18.95	1.18
	77.0	14.77	1.14	15.46	1.16	16.16	1.18	16.51	1.19	17.55	1.23	18.25	1.25
	86.0	14.06	1.21	14.76	1.23	15.46	1.25	15.80	1.26	16.85	1.30	17.54	1.32
	89.6	13.78	1.24	14.48	1.26	15.17	1.28	15.52	1.29	16.57	1.33	17.26	1.35
	95.0	13.36	1.29	14.06	1.31	14.75	1.33	15.10	1.34	16.14	1.37	16.84	1.40
	104.0	12.66	1.37	13.35	1.39	14.05	1.41	14.40	1.42	15.44	1.46	16.14	1.48
	109.4	12.24	1.42	12.93	1.44	13.63	1.47	13.98	1.48	15.02	1.51	15.71	1.53
	114.8	8.87	0.98	9.26	0.98	9.64	0.98	9.82	0.98	10.37	0.98	10.72	0.98
FTXS18L	68.0	22.13	1.51	23.12	1.54	24.12	1.57	24.62	1.58	26.11	1.63	27.11	1.66
	77.0	21.12	1.60	22.12	1.63	23.11	1.66	23.61	1.68	25.10	1.72	26.10	1.75
	86.0	20.12	1.70	21.11	1.73	22.11	1.76	22.61	1.77	24.10	1.82	25.09	1.85
	89.6	19.72	1.74	20.71	1.77	21.71	1.80	22.20	1.82	23.70	1.86	24.69	1.89
	95.0	19.11	1.81	20.11	1.84	21.10	1.87	21.60	1.88	23.09	1.93	24.09	1.96
	104.0	18.11	1.92	19.10	1.95	20.10	1.98	20.59	2.00	22.09	2.04	23.08	2.07
	109.4	16.36	1.77	17.11	1.77	17.84	1.77	18.19	1.77	19.24	1.77	19.92	1.77
	114.8	10.22	0.98	10.64	0.98	11.04	0.98	11.24	0.98	11.81	0.98	12.19	0.98
CDXS18L	68.0	18.54	1.37	19.38	1.40	20.21	1.43	20.63	1.44	21.88	1.48	22.71	1.51
	77.0	17.70	1.46	18.53	1.48	19.37	1.51	19.79	1.52	21.04	1.57	21.87	1.59
	86.0	16.86	1.55	17.69	1.57	18.53	1.60	18.94	1.61	20.19	1.66	21.03	1.68
	89.6	16.52	1.58	17.35	1.61	18.19	1.64	18.61	1.65	19.86	1.69	20.69	1.72
	95.0	16.02	1.64	16.85	1.67	17.68	1.70	18.10	1.71	19.35	1.75	20.18	1.78
	104.0	15.17	1.75	16.01	1.78	16.84	1.80	17.26	1.82	18.51	1.86	19.34	1.89
	109.4	14.48	1.77	15.17	1.77	15.84	1.77	16.17	1.77	17.13	1.77	17.76	1.77
	114.8	9.21	0.98	9.59	0.98	9.96	0.98	10.14	0.98	10.68	0.98	11.02	0.98
CTXS07L + CTXS07L	68.0	17.21	1.02	17.99	1.04	18.76	1.06	19.15	1.07	20.31	1.10	21.08	1.12
	77.0	16.43	1.08	17.20	1.10	17.98	1.12	18.36	1.13	19.53	1.16	20.30	1.18
	86.0	15.65	1.15	16.42	1.17	17.20	1.19	17.58	1.20	18.74	1.23	19.52	1.25
	89.6	15.33	1.18	16.11	1.20	16.88	1.22	17.27	1.23	18.43	1.26	19.20	1.28
	95.0	14.86	1.22	15.64	1.24	16.41	1.26	16.80	1.27	17.96	1.30	18.74	1.32
	104.0	14.08	1.30	14.86	1.32	15.63	1.34	16.02	1.35	17.18	1.38	17.95	1.40
	109.4	13.61	1.35	14.39	1.37	15.16	1.39	15.55	1.40	16.71	1.43	17.48	1.45
	114.8	10.09	0.98	10.53	0.98	10.97	0.98	11.18	0.98	11.80	0.98	12.20	0.98
CTXS07L + FTXS09L	68.0	19.67	1.21	20.56	1.24	21.44	1.26	21.88	1.27	23.21	1.31	24.09	1.33
	77.0	18.78	1.29	19.66	1.31	20.55	1.33	20.99	1.35	22.31	1.38	23.20	1.41
	86.0	17.88	1.37	18.77	1.39	19.65	1.41	20.09	1.43	21.42	1.46	22.31	1.49
	89.6	17.52	1.40	18.41	1.42	19.29	1.45	19.74	1.46	21.06	1.50	21.95	1.52
	95.0	16.99	1.45	17.87	1.48	18.76	1.50	19.20	1.51	20.53	1.55	21.41	1.57
	104.0	16.09	1.54	16.98	1.57	17.86	1.59	18.31	1.60	19.63	1.64	20.52	1.66
	109.4	15.56	1.60	16.44	1.63	17.33	1.65	17.77	1.66	19.10	1.70	19.98	1.72
	114.8	10.26	0.98	10.70	0.98	11.12	0.98	11.33	0.98	11.95	0.98	12.34	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FDXS09L	68.0	18.13	1.13	18.95	1.15	19.76	1.18	20.17	1.19	21.40	1.22	22.21	1.25
	77.0	17.31	1.20	18.13	1.22	18.94	1.25	19.35	1.26	20.57	1.29	21.39	1.31
	86.0	16.49	1.27	17.30	1.30	18.12	1.32	18.52	1.33	19.75	1.36	20.56	1.39
	89.6	16.16	1.31	16.97	1.33	17.79	1.35	18.19	1.36	19.42	1.40	20.23	1.42
	95.0	15.66	1.36	16.48	1.38	17.29	1.40	17.70	1.41	18.92	1.45	19.74	1.47
	104.0	14.84	1.44	15.65	1.46	16.47	1.49	16.88	1.50	18.10	1.53	18.91	1.55
	109.4	14.34	1.50	15.16	1.52	15.97	1.54	16.38	1.55	17.60	1.59	18.42	1.61
	114.8	9.92	0.98	10.35	0.98	10.77	0.98	10.98	0.98	11.58	0.98	11.97	0.98
CTXS07L + FTXS12L	68.0	23.36	1.61	24.41	1.64	25.46	1.67	25.98	1.69	27.56	1.73	28.61	1.77
	77.0	22.30	1.70	23.35	1.73	24.40	1.77	24.92	1.78	26.50	1.83	27.55	1.86
	86.0	21.24	1.81	22.29	1.84	23.34	1.87	23.86	1.89	25.44	1.94	26.49	1.97
	89.6	20.81	1.85	21.86	1.88	22.91	1.92	23.44	1.93	25.01	1.98	26.06	2.01
	95.0	20.17	1.92	21.22	1.95	22.27	1.99	22.80	2.00	24.38	2.05	25.43	2.08
	104.0	19.11	2.04	20.16	2.08	21.21	2.11	21.74	2.12	23.31	2.17	24.36	2.20
	109.4	16.70	1.77	17.45	1.77	18.18	1.77	18.54	1.77	19.59	1.77	20.27	1.77
	114.8	10.43	0.98	10.84	0.98	11.24	0.98	11.44	0.98	12.02	0.98	12.40	0.98
CTXS07L + FDXS12L	68.0	21.51	1.51	22.48	1.54	23.45	1.57	23.93	1.58	25.38	1.63	26.35	1.66
	77.0	20.54	1.60	21.50	1.63	22.47	1.66	22.96	1.68	24.41	1.72	25.37	1.75
	86.0	19.56	1.70	20.53	1.73	21.49	1.76	21.98	1.77	23.43	1.82	24.40	1.85
	89.6	19.17	1.74	20.14	1.77	21.10	1.80	21.59	1.82	23.04	1.86	24.01	1.89
	95.0	18.58	1.81	19.55	1.84	20.52	1.87	21.00	1.88	22.45	1.93	23.42	1.96
	104.0	17.60	1.92	18.57	1.95	19.54	1.98	20.02	2.00	21.47	2.04	22.44	2.07
	109.4	15.92	1.77	16.66	1.77	17.37	1.77	17.72	1.77	18.74	1.77	19.41	1.77
	114.8	10.00	0.98	10.40	0.98	10.80	0.98	10.99	0.98	11.55	0.98	11.92	0.98
CTXS07L + FTXS15L	68.0	27.05	1.74	28.26	1.78	29.48	1.81	30.09	1.83	31.91	1.88	33.13	1.92
	77.0	25.82	1.85	27.03	1.88	28.25	1.92	28.86	1.93	30.68	1.99	31.90	2.02
	86.0	24.59	1.96	25.80	2.00	27.02	2.03	27.63	2.05	29.45	2.10	30.67	2.14
	89.6	24.10	2.01	25.31	2.04	26.53	2.08	27.14	2.10	28.96	2.15	30.18	2.18
	95.0	23.36	2.09	24.58	2.12	25.79	2.15	26.40	2.17	28.22	2.22	29.44	2.26
	104.0	22.13	2.22	23.35	2.25	24.56	2.29	25.17	2.31	27.00	2.36	28.21	2.39
	109.4	18.39	1.77	19.19	1.77	19.97	1.77	20.36	1.77	21.49	1.77	22.22	1.77
	114.8	11.34	0.98	11.78	0.98	12.21	0.98	12.43	0.98	13.05	0.98	13.45	0.98
CTXS07L + CDXS15L	68.0	24.79	1.74	25.91	1.78	27.02	1.81	27.58	1.83	29.25	1.88	30.37	1.92
	77.0	23.67	1.85	24.78	1.88	25.90	1.92	26.45	1.93	28.13	1.99	29.24	2.02
	86.0	22.54	1.96	23.65	2.00	24.77	2.03	25.33	2.05	27.00	2.10	28.11	2.14
	89.6	22.09	2.01	23.20	2.04	24.32	2.08	24.88	2.10	26.55	2.15	27.66	2.18
	95.0	21.41	2.09	22.53	2.12	23.64	2.15	24.20	2.17	25.87	2.22	26.99	2.26
	104.0	20.29	2.22	21.40	2.25	22.52	2.29	23.07	2.31	24.75	2.36	25.86	2.39
	109.4	17.02	1.77	17.76	1.77	18.49	1.77	18.85	1.77	19.90	1.77	20.58	1.77
	114.8	10.63	0.98	11.04	0.98	11.44	0.98	11.64	0.98	12.22	0.98	12.59	0.98
CTXS07L + FTXS18L	68.0	30.74	2.21	32.12	2.25	33.50	2.30	34.19	2.32	36.26	2.38	37.65	2.43
	77.0	29.34	2.34	30.72	2.39	32.10	2.43	32.79	2.45	34.87	2.52	36.25	2.56
	86.0	27.94	2.49	29.32	2.53	30.71	2.57	31.40	2.60	33.47	2.66	34.85	2.71
	89.6	27.38	2.55	28.76	2.59	30.15	2.64	30.84	2.66	32.91	2.72	34.29	2.77
	95.0	26.54	2.64	27.93	2.69	29.31	2.73	30.00	2.75	32.07	2.82	33.46	2.86
	104.0	24.21	2.56	25.33	2.56	26.42	2.56	26.96	2.56	28.53	2.56	29.54	2.56
	109.4	18.92	1.77	19.69	1.77	20.43	1.77	20.80	1.77	21.88	1.77	22.58	1.77
	114.8	11.75	0.98	12.17	0.98	12.58	0.98	12.79	0.98	13.38	0.98	13.77	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CDXS18L	68.0	28.17	2.18	29.44	2.22	30.71	2.26	31.34	2.28	33.24	2.35	34.51	2.39
	77.0	26.89	2.31	28.16	2.35	29.43	2.39	30.06	2.42	31.96	2.48	33.23	2.52
	86.0	25.61	2.45	26.88	2.49	28.15	2.54	28.78	2.56	30.68	2.62	31.95	2.67
	89.6	25.10	2.51	26.37	2.55	27.63	2.60	28.27	2.62	30.17	2.68	31.44	2.73
	95.0	24.33	2.60	25.60	2.65	26.87	2.69	27.50	2.71	29.40	2.78	30.67	2.82
	104.0	22.40	2.56	23.45	2.56	24.48	2.56	24.98	2.56	26.46	2.56	27.42	2.56
	109.4	17.73	1.77	18.46	1.77	19.16	1.77	19.51	1.77	20.53	1.77	21.19	1.77
	114.8	11.13	0.98	11.53	0.98	11.91	0.98	12.11	0.98	12.67	0.98	13.03	0.98
FTXS09L + FTXS09L	68.0	22.13	1.47	23.12	1.50	24.12	1.53	24.62	1.54	26.11	1.59	27.11	1.62
	77.0	21.12	1.56	22.12	1.59	23.11	1.62	23.61	1.63	25.10	1.68	26.10	1.70
	86.0	20.12	1.65	21.11	1.68	22.11	1.71	22.61	1.73	24.10	1.77	25.09	1.80
	89.6	19.72	1.70	20.71	1.72	21.71	1.75	22.20	1.77	23.70	1.81	24.69	1.84
	95.0	19.11	1.76	20.11	1.79	21.10	1.82	21.60	1.83	23.09	1.88	24.09	1.91
	104.0	18.11	1.87	19.10	1.90	20.10	1.93	20.59	1.94	22.09	1.99	23.08	2.02
	109.4	16.59	1.77	17.35	1.77	18.10	1.77	18.46	1.77	19.53	1.77	20.22	1.77
	114.8	10.33	0.98	10.75	0.98	11.16	0.98	11.36	0.98	11.95	0.98	12.33	0.98
FTXS09L + FDXS09L	68.0	20.39	1.34	21.30	1.37	22.22	1.39	22.68	1.41	24.06	1.45	24.97	1.47
	77.0	19.46	1.42	20.38	1.45	21.29	1.48	21.75	1.49	23.13	1.53	24.05	1.56
	86.0	18.53	1.51	19.45	1.54	20.37	1.56	20.83	1.58	22.20	1.62	23.12	1.64
	89.6	18.16	1.55	19.08	1.57	20.00	1.60	20.46	1.61	21.83	1.65	22.75	1.68
	95.0	17.61	1.60	18.52	1.63	19.44	1.66	19.90	1.67	21.28	1.71	22.19	1.74
	104.0	16.68	1.71	17.60	1.73	18.51	1.76	18.97	1.77	20.35	1.81	21.27	1.84
	109.4	16.13	1.77	16.89	1.77	17.63	1.77	17.99	1.77	19.05	1.77	19.74	1.77
	114.8	10.06	0.98	10.47	0.98	10.88	0.98	11.08	0.98	11.67	0.98	12.05	0.98
FDXS09L + FDXS09L	68.0	18.54	1.25	19.38	1.28	20.21	1.30	20.63	1.32	21.88	1.35	22.71	1.38
	77.0	17.70	1.33	18.53	1.35	19.37	1.38	19.79	1.39	21.04	1.43	21.87	1.45
	86.0	16.86	1.41	17.69	1.44	18.53	1.46	18.94	1.47	20.19	1.51	21.03	1.54
	89.6	16.52	1.45	17.35	1.47	18.19	1.49	18.61	1.51	19.86	1.54	20.69	1.57
	95.0	16.02	1.50	16.85	1.52	17.68	1.55	18.10	1.56	19.35	1.60	20.18	1.62
	104.0	15.17	1.60	16.01	1.62	16.84	1.64	17.26	1.66	18.51	1.69	19.34	1.72
	109.4	14.67	1.66	15.50	1.68	16.33	1.71	16.75	1.72	18.00	1.76	18.78	1.77
	114.8	9.59	0.98	10.00	0.98	10.39	0.98	10.59	0.98	11.15	0.98	11.52	0.98
FTXS09L + FTXS12L	68.0	25.82	1.90	26.98	1.93	28.14	1.97	28.72	1.99	30.46	2.05	31.62	2.08
	77.0	24.64	2.01	25.81	2.05	26.97	2.08	27.55	2.10	29.29	2.16	30.45	2.20
	86.0	23.47	2.13	24.63	2.17	25.79	2.21	26.37	2.23	28.11	2.28	29.28	2.32
	89.6	23.00	2.19	24.16	2.22	25.32	2.26	25.90	2.28	27.65	2.34	28.81	2.37
	95.0	22.30	2.27	23.46	2.31	24.62	2.34	25.20	2.36	26.94	2.42	28.10	2.46
	104.0	21.12	2.41	22.29	2.45	23.45	2.49	24.03	2.51	25.75	2.56	26.72	2.56
	109.4	17.10	1.77	17.84	1.77	18.55	1.77	18.90	1.77	19.93	1.77	20.60	1.77
	114.8	10.72	0.98	11.12	0.98	11.52	0.98	11.71	0.98	12.28	0.98	12.65	0.98
FTXS09L + FDXS12L	68.0	23.67	1.73	24.73	1.77	25.79	1.80	26.33	1.82	27.92	1.87	28.99	1.91
	77.0	22.59	1.84	23.65	1.87	24.72	1.91	25.25	1.93	26.85	1.98	27.91	2.01
	86.0	21.51	1.95	22.58	1.99	23.64	2.02	24.18	2.04	25.77	2.09	26.84	2.13
	89.6	21.08	2.00	22.15	2.04	23.21	2.07	23.75	2.09	25.34	2.14	26.41	2.17
	95.0	20.44	2.08	21.50	2.11	22.57	2.15	23.10	2.16	24.70	2.21	25.76	2.25
	104.0	19.36	2.21	20.43	2.24	21.49	2.28	22.02	2.29	23.62	2.35	24.69	2.38
	109.4	16.36	1.77	17.08	1.77	17.78	1.77	18.13	1.77	19.14	1.77	19.80	1.77
	114.8	10.29	0.98	10.69	0.98	11.07	0.98	11.26	0.98	11.82	0.98	12.18	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FTXS12L	68.0	23.67	1.69	24.73	1.73	25.79	1.76	26.33	1.78	27.92	1.83	28.99	1.86
	77.0	22.59	1.80	23.65	1.83	24.72	1.86	25.25	1.88	26.85	1.93	27.91	1.97
	86.0	21.51	1.91	22.58	1.94	23.64	1.97	24.18	1.99	25.77	2.04	26.84	2.08
	89.6	21.08	1.95	22.15	1.99	23.21	2.02	23.75	2.04	25.34	2.09	26.41	2.12
	95.0	20.44	2.03	21.50	2.06	22.57	2.10	23.10	2.11	24.70	2.16	25.76	2.20
	104.0	19.36	2.16	20.43	2.19	21.49	2.22	22.02	2.24	23.62	2.29	24.69	2.33
	109.4	16.51	1.77	17.24	1.77	17.95	1.77	18.31	1.77	19.33	1.77	20.00	1.77
	114.8	10.36	0.98	10.76	0.98	11.15	0.98	11.34	0.98	11.91	0.98	12.28	0.98
FDXS09L + FDXS12L	68.0	21.51	1.55	22.48	1.58	23.45	1.61	23.93	1.63	25.38	1.67	26.35	1.70
	77.0	20.54	1.64	21.50	1.67	22.47	1.70	22.96	1.72	24.41	1.77	25.37	1.80
	86.0	19.56	1.74	20.53	1.78	21.49	1.81	21.98	1.82	23.43	1.87	24.40	1.90
	89.6	19.17	1.79	20.14	1.82	21.10	1.85	21.59	1.86	23.04	1.91	24.01	1.94
	95.0	18.58	1.85	19.55	1.89	20.52	1.92	21.00	1.93	22.45	1.98	23.42	2.01
	104.0	17.60	1.97	18.57	2.00	19.54	2.04	20.02	2.05	21.47	2.10	22.44	2.13
	109.4	15.72	1.77	16.44	1.77	17.14	1.77	17.49	1.77	18.49	1.77	19.15	1.77
	114.8	9.91	0.98	10.30	0.98	10.69	0.98	10.88	0.98	11.43	0.98	11.79	0.98
FTXS09L + FTXS15L	68.0	29.51	2.00	30.83	2.04	32.16	2.08	32.82	2.10	34.81	2.16	36.14	2.20
	77.0	28.16	2.12	29.49	2.16	30.82	2.20	31.48	2.22	33.47	2.28	34.80	2.32
	86.0	26.82	2.25	28.15	2.29	29.48	2.33	30.14	2.35	32.13	2.41	33.46	2.45
	89.6	26.29	2.31	27.61	2.35	28.94	2.39	29.60	2.41	31.59	2.47	32.92	2.51
	95.0	25.48	2.39	26.81	2.43	28.14	2.47	28.80	2.49	30.79	2.55	32.12	2.59
	104.0	24.14	2.55	25.35	2.56	26.47	2.56	27.02	2.56	28.63	2.56	29.67	2.56
	109.4	18.81	1.77	19.60	1.77	20.37	1.77	20.74	1.77	21.85	1.77	22.57	1.77
	114.8	11.63	0.98	12.07	0.98	12.49	0.98	12.70	0.98	13.31	0.98	13.71	0.98
FTXS09L + CDXS15L	68.0	27.05	2.03	28.26	2.07	29.48	2.11	30.09	2.13	31.91	2.19	33.13	2.23
	77.0	25.82	2.15	27.03	2.19	28.25	2.23	28.86	2.26	30.68	2.32	31.90	2.36
	86.0	24.59	2.29	25.80	2.33	27.02	2.37	27.63	2.39	29.45	2.45	30.67	2.49
	89.6	24.10	2.34	25.31	2.38	26.53	2.42	27.14	2.44	28.96	2.51	30.18	2.55
	95.0	23.36	2.43	24.58	2.47	25.79	2.51	26.40	2.53	28.22	2.59	29.44	2.63
	104.0	22.04	2.56	23.10	2.56	24.14	2.56	24.64	2.56	26.13	2.56	27.09	2.56
	109.4	17.43	1.77	18.16	1.77	18.87	1.77	19.22	1.77	20.24	1.77	20.91	1.77
	114.8	10.93	0.98	11.33	0.98	11.72	0.98	11.91	0.98	12.48	0.98	12.85	0.98
FDXS09L + FTXS15L	68.0	27.05	1.79	28.26	1.83	29.48	1.86	30.09	1.88	31.91	1.93	33.13	1.97
	77.0	25.82	1.90	27.03	1.93	28.25	1.97	28.86	1.99	30.68	2.04	31.90	2.08
	86.0	24.59	2.02	25.80	2.05	27.02	2.09	27.63	2.11	29.45	2.16	30.67	2.19
	89.6	24.10	2.07	25.31	2.10	26.53	2.14	27.14	2.15	28.96	2.21	30.18	2.24
	95.0	23.36	2.14	24.58	2.18	25.79	2.21	26.40	2.23	28.22	2.29	29.44	2.32
	104.0	22.13	2.28	23.35	2.32	24.56	2.35	25.17	2.37	27.00	2.42	28.21	2.46
	109.4	18.18	1.77	18.96	1.77	19.73	1.77	20.11	1.77	21.22	1.77	21.93	1.77
	114.8	11.24	0.98	11.68	0.98	12.10	0.98	12.31	0.98	12.92	0.98	13.32	0.98
FDXS09L + CDXS15L	68.0	24.59	1.83	25.69	1.87	26.80	1.90	27.35	1.92	29.01	1.98	30.12	2.01
	77.0	23.47	1.94	24.58	1.98	25.68	2.01	26.24	2.03	27.89	2.09	29.00	2.12
	86.0	22.35	2.06	23.46	2.10	24.56	2.13	25.12	2.15	26.78	2.21	27.88	2.24
	89.6	21.91	2.11	23.01	2.15	24.12	2.18	24.67	2.20	26.33	2.26	27.43	2.29
	95.0	21.24	2.19	22.34	2.23	23.45	2.26	24.00	2.28	25.66	2.34	26.76	2.37
	104.0	20.12	2.33	21.22	2.37	22.33	2.40	22.88	2.42	24.54	2.48	25.65	2.51
	109.4	16.59	1.77	17.31	1.77	18.01	1.77	18.36	1.77	19.37	1.77	20.02	1.77
	114.8	10.44	0.98	10.83	0.98	11.22	0.98	11.41	0.98	11.97	0.98	12.33	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS18L	68.0	30.74	2.16	32.12	2.20	33.50	2.25	34.19	2.27	36.26	2.33	37.65	2.38
	77.0	29.34	2.29	30.72	2.33	32.10	2.38	32.79	2.40	34.87	2.46	36.25	2.51
	86.0	27.94	2.43	29.32	2.47	30.71	2.52	31.40	2.54	33.47	2.60	34.85	2.65
	89.6	27.38	2.49	28.76	2.53	30.15	2.58	30.84	2.60	32.91	2.66	34.29	2.71
	95.0	26.54	2.59	27.93	2.63	29.31	2.67	30.00	2.69	32.07	2.76	33.46	2.80
	104.0	24.40	2.56	25.54	2.56	26.64	2.56	27.18	2.56	28.77	2.56	29.80	2.56
	109.4	19.02	1.77	19.79	1.77	20.55	1.77	20.93	1.77	22.02	1.77	22.73	1.77
	114.8	11.79	0.98	12.21	0.98	12.63	0.98	12.84	0.98	13.44	0.98	13.83	0.98
FTXS09L + CDXS18L	68.0	29.20	2.29	30.51	2.33	31.82	2.38	32.48	2.40	34.45	2.47	35.76	2.52
	77.0	27.87	2.43	29.18	2.47	30.50	2.52	31.15	2.54	33.12	2.61	34.44	2.65
	86.0	26.54	2.58	27.86	2.62	29.17	2.67	29.83	2.69	31.80	2.76	33.11	2.80
	89.6	26.01	2.64	27.33	2.69	28.64	2.73	29.30	2.75	31.27	2.82	32.58	2.87
	95.0	25.22	2.74	26.53	2.78	27.84	2.83	28.50	2.85	30.47	2.92	31.78	2.97
	104.0	22.84	2.56	23.89	2.56	24.92	2.56	25.42	2.56	26.90	2.56	27.86	2.56
	109.4	18.07	1.77	18.79	1.77	19.50	1.77	19.85	1.77	20.87	1.77	21.53	1.77
	114.8	11.34	0.98	11.73	0.98	12.12	0.98	12.31	0.98	12.88	0.98	13.24	0.98
FDXS09L + FTXS18L	68.0	29.20	2.04	30.51	2.08	31.82	2.12	32.48	2.14	34.45	2.20	35.76	2.24
	77.0	27.87	2.16	29.18	2.20	30.50	2.24	31.15	2.26	33.12	2.32	34.44	2.37
	86.0	26.54	2.30	27.86	2.34	29.17	2.38	29.83	2.40	31.80	2.46	33.11	2.50
	89.6	26.01	2.35	27.33	2.39	28.64	2.43	29.30	2.45	31.27	2.52	32.58	2.56
	95.0	25.22	2.44	26.53	2.48	27.84	2.52	28.50	2.54	30.47	2.60	31.78	2.64
	104.0	23.74	2.56	24.87	2.56	25.97	2.56	26.50	2.56	28.08	2.56	29.10	2.56
	109.4	18.53	1.77	19.30	1.77	20.06	1.77	20.43	1.77	21.51	1.77	22.22	1.77
	114.8	11.50	0.98	11.93	0.98	12.34	0.98	12.55	0.98	13.14	0.98	13.53	0.98
FDXS09L + CDXS18L	68.0	27.66	2.16	28.91	2.20	30.15	2.25	30.77	2.27	32.64	2.33	33.88	2.38
	77.0	26.40	2.29	27.65	2.33	28.89	2.38	29.51	2.40	31.38	2.46	32.62	2.51
	86.0	25.15	2.43	26.39	2.47	27.64	2.52	28.26	2.54	30.12	2.60	31.37	2.65
	89.6	24.64	2.49	25.89	2.53	27.13	2.58	27.75	2.60	29.62	2.66	30.86	2.71
	95.0	23.89	2.59	25.13	2.63	26.38	2.67	27.00	2.69	28.87	2.76	30.11	2.80
	104.0	22.06	2.56	23.10	2.56	24.12	2.56	24.62	2.56	26.08	2.56	27.03	2.56
	109.4	17.51	1.77	18.22	1.77	18.92	1.77	19.26	1.77	20.27	1.77	20.93	1.77
	114.8	11.01	0.98	11.40	0.98	11.78	0.98	11.97	0.98	12.53	0.98	12.89	0.98
FTXS12L + FTXS12L	68.0	29.51	2.26	30.83	2.31	32.16	2.35	32.82	2.38	34.81	2.45	36.14	2.49
	77.0	28.16	2.40	29.49	2.45	30.82	2.49	31.48	2.51	33.47	2.58	34.80	2.63
	86.0	26.82	2.55	28.15	2.59	29.48	2.64	30.14	2.66	32.13	2.73	33.46	2.77
	89.6	26.29	2.61	27.61	2.66	28.94	2.70	29.60	2.72	31.59	2.79	32.92	2.84
	95.0	25.48	2.71	26.81	2.76	28.14	2.80	28.80	2.82	30.79	2.89	32.12	2.94
	104.0	23.13	2.56	24.19	2.56	25.23	2.56	25.75	2.56	27.25	2.56	28.22	2.56
	109.4	18.25	1.77	18.98	1.77	19.69	1.77	20.05	1.77	21.08	1.77	21.75	1.77
	114.8	11.42	0.98	11.82	0.98	12.21	0.98	12.41	0.98	12.98	0.98	13.35	0.98
FDXS12L + FTXS12L	68.0	26.26	2.02	28.26	2.18	29.48	2.22	30.09	2.24	31.91	2.31	33.13	2.35
	77.0	25.82	2.26	27.03	2.31	28.25	2.35	28.86	2.37	30.68	2.43	31.90	2.48
	86.0	24.59	2.40	25.80	2.45	27.02	2.49	27.63	2.51	29.45	2.57	30.67	2.62
	89.6	24.10	2.46	25.31	2.51	26.53	2.55	27.14	2.57	28.96	2.63	30.18	2.68
	95.0	23.36	2.56	24.58	2.60	25.79	2.64	26.40	2.66	28.22	2.73	29.44	2.77
	104.0	21.67	2.56	22.70	2.56	23.70	2.56	24.19	2.56	25.64	2.56	26.58	2.56
	109.4	17.24	1.77	17.95	1.77	18.64	1.77	18.98	1.77	19.97	1.77	20.62	1.77
	114.8	10.86	0.98	11.25	0.98	11.63	0.98	11.82	0.98	12.37	0.98	12.72	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS12L + FDXS12L	68.0	22.59	1.65	25.69	1.96	26.80	2.00	27.35	2.01	29.01	2.07	30.12	2.11
	77.0	22.59	1.90	24.58	2.07	25.68	2.11	26.24	2.13	27.89	2.19	29.00	2.23
	86.0	22.35	2.16	23.46	2.20	24.56	2.24	25.12	2.26	26.78	2.31	27.88	2.35
	89.6	21.91	2.21	23.01	2.25	24.12	2.29	24.67	2.31	26.33	2.37	27.43	2.41
	95.0	21.24	2.30	22.34	2.34	23.45	2.37	24.00	2.39	25.66	2.45	26.76	2.49
	104.0	20.12	2.44	21.22	2.48	22.33	2.52	22.88	2.54	24.39	2.56	25.31	2.56
	109.4	16.36	1.77	17.06	1.77	17.74	1.77	18.07	1.77	19.06	1.77	19.69	1.77
	114.8	10.34	0.98	10.73	0.98	11.10	0.98	11.29	0.98	11.83	0.98	12.18	0.98
FTXS12L + FTXS15L	68.0	30.74	2.16	32.12	2.20	33.50	2.25	34.19	2.27	36.26	2.33	37.65	2.38
	77.0	29.34	2.29	30.72	2.33	32.10	2.38	32.79	2.40	34.87	2.46	36.25	2.51
	86.0	27.94	2.43	29.32	2.47	30.71	2.52	31.40	2.54	33.47	2.60	34.85	2.65
	89.6	27.38	2.49	28.76	2.53	30.15	2.58	30.84	2.60	32.91	2.66	34.29	2.71
	95.0	26.54	2.59	27.93	2.63	29.31	2.67	30.00	2.69	32.07	2.76	33.46	2.80
	104.0	24.40	2.56	25.54	2.56	26.64	2.56	27.18	2.56	28.77	2.56	29.80	2.56
	109.4	19.02	1.77	19.79	1.77	20.55	1.77	20.93	1.77	22.02	1.77	22.73	1.77
	114.8	11.79	0.98	12.21	0.98	12.63	0.98	12.84	0.98	13.44	0.98	13.83	0.98
FTXS12L + CDXS15L	68.0	29.20	2.25	30.51	2.29	31.82	2.34	32.48	2.36	34.45	2.43	35.76	2.47
	77.0	27.87	2.38	29.18	2.43	30.50	2.47	31.15	2.50	33.12	2.56	34.44	2.61
	86.0	26.54	2.53	27.86	2.58	29.17	2.62	29.83	2.64	31.80	2.71	33.11	2.76
	89.6	26.01	2.59	27.33	2.64	28.64	2.68	29.30	2.71	31.27	2.77	32.58	2.82
	95.0	25.22	2.69	26.53	2.74	27.84	2.78	28.50	2.80	30.47	2.87	31.78	2.91
	104.0	22.95	2.56	24.01	2.56	25.05	2.56	25.56	2.56	27.05	2.56	28.02	2.56
	109.4	18.12	1.77	18.85	1.77	19.56	1.77	19.91	1.77	20.94	1.77	21.61	1.77
	114.8	11.35	0.98	11.75	0.98	12.14	0.98	12.34	0.98	12.90	0.98	13.27	0.98
FDXS12L + FTXS15L	68.0	29.20	2.09	30.51	2.13	31.82	2.17	32.48	2.19	34.45	2.25	35.76	2.30
	77.0	27.87	2.21	29.18	2.26	30.50	2.30	31.15	2.32	33.12	2.38	34.44	2.42
	86.0	26.54	2.35	27.86	2.39	29.17	2.43	29.83	2.45	31.80	2.52	33.11	2.56
	89.6	26.01	2.41	27.33	2.45	28.64	2.49	29.30	2.51	31.27	2.57	32.58	2.62
	95.0	25.22	2.50	26.53	2.54	27.84	2.58	28.50	2.60	30.47	2.67	31.78	2.71
	104.0	23.52	2.56	24.63	2.56	25.71	2.56	26.24	2.56	27.80	2.56	28.81	2.56
	109.4	18.41	1.77	19.17	1.77	19.92	1.77	20.28	1.77	21.35	1.77	22.05	1.77
	114.8	11.45	0.98	11.87	0.98	12.28	0.98	12.48	0.98	13.07	0.98	13.46	0.98
FDXS12L + CDXS15L	68.0	27.66	2.18	28.91	2.22	30.15	2.26	30.77	2.28	32.64	2.35	33.88	2.39
	77.0	26.40	2.31	27.65	2.35	28.89	2.39	29.51	2.42	31.38	2.48	32.62	2.52
	86.0	25.15	2.45	26.39	2.49	27.64	2.54	28.26	2.56	30.12	2.62	31.37	2.67
	89.6	24.64	2.51	25.89	2.55	27.13	2.60	27.75	2.62	29.62	2.68	30.86	2.73
	95.0	23.89	2.60	25.13	2.65	26.38	2.69	27.00	2.71	28.87	2.78	30.11	2.82
	104.0	22.02	2.56	23.05	2.56	24.06	2.56	24.56	2.56	26.02	2.56	26.96	2.56
	109.4	17.48	1.77	18.20	1.77	18.89	1.77	19.23	1.77	20.24	1.77	20.89	1.77
	114.8	11.00	0.98	11.39	0.98	11.77	0.98	11.96	0.98	12.52	0.98	12.88	0.98
FTXS12L + FTXS18L	68.0	30.74	2.17	32.12	2.21	33.50	2.25	34.19	2.28	36.26	2.34	37.65	2.38
	77.0	29.34	2.30	30.72	2.34	32.10	2.39	32.79	2.41	34.87	2.47	36.25	2.51
	86.0	27.94	2.44	29.32	2.48	30.71	2.53	31.40	2.55	33.47	2.61	34.85	2.66
	89.6	27.38	2.50	28.76	2.54	30.15	2.59	30.84	2.61	32.91	2.67	34.29	2.72
	95.0	26.54	2.59	27.93	2.64	29.31	2.68	30.00	2.70	32.07	2.77	33.46	2.81
	104.0	24.37	2.56	25.50	2.56	26.60	2.56	27.14	2.56	28.73	2.56	29.75	2.56
	109.4	19.00	1.77	19.77	1.77	20.53	1.77	20.90	1.77	22.00	1.77	22.70	1.77
	114.8	11.78	0.98	12.21	0.98	12.62	0.98	12.83	0.98	13.43	0.98	13.82	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS12L + CDXS18L	68.0	29.20	2.29	30.51	2.33	31.82	2.38	32.48	2.40	34.45	2.47	35.76	2.52
	77.0	27.87	2.43	29.18	2.47	30.50	2.52	31.15	2.54	33.12	2.61	34.44	2.65
	86.0	26.54	2.58	27.86	2.62	29.17	2.67	29.83	2.69	31.80	2.76	33.11	2.80
	89.6	26.01	2.64	27.33	2.69	28.64	2.73	29.30	2.75	31.27	2.82	32.58	2.87
	95.0	25.22	2.74	26.53	2.78	27.84	2.83	28.50	2.85	30.47	2.92	31.78	2.97
	104.0	22.84	2.56	23.89	2.56	24.92	2.56	25.42	2.56	26.90	2.56	27.86	2.56
	109.4	18.07	1.77	18.79	1.77	19.50	1.77	19.85	1.77	20.87	1.77	21.53	1.77
	114.8	11.34	0.98	11.73	0.98	12.12	0.98	12.31	0.98	12.88	0.98	13.24	0.98
FDXS12L + FTXS18L	68.0	29.20	2.04	30.51	2.08	31.82	2.12	32.48	2.14	34.45	2.20	35.76	2.24
	77.0	27.87	2.16	29.18	2.20	30.50	2.24	31.15	2.26	33.12	2.32	34.44	2.37
	86.0	26.54	2.30	27.86	2.34	29.17	2.38	29.83	2.40	31.80	2.46	33.11	2.50
	89.6	26.01	2.35	27.33	2.39	28.64	2.43	29.30	2.45	31.27	2.52	32.58	2.56
	95.0	25.22	2.44	26.53	2.48	27.84	2.52	28.50	2.54	30.47	2.60	31.78	2.64
	104.0	23.74	2.56	24.87	2.56	25.97	2.56	26.50	2.56	28.08	2.56	29.10	2.56
	109.4	18.53	1.77	19.30	1.77	20.06	1.77	20.43	1.77	21.51	1.77	22.22	1.77
	114.8	11.50	0.98	11.93	0.98	12.34	0.98	12.55	0.98	13.14	0.98	13.53	0.98
FDXS12L + CDXS18L	68.0	27.66	2.16	28.91	2.20	30.15	2.25	30.77	2.27	32.64	2.33	33.88	2.38
	77.0	26.40	2.29	27.65	2.33	28.89	2.38	29.51	2.40	31.38	2.46	32.62	2.51
	86.0	25.15	2.43	26.39	2.47	27.64	2.52	28.26	2.54	30.12	2.60	31.37	2.65
	89.6	24.64	2.49	25.89	2.53	27.13	2.58	27.75	2.60	29.62	2.66	30.86	2.71
	95.0	23.89	2.59	25.13	2.63	26.38	2.67	27.00	2.69	28.87	2.76	30.11	2.80
	104.0	22.06	2.56	23.10	2.56	24.12	2.56	24.62	2.56	26.08	2.56	27.03	2.56
	109.4	17.51	1.77	18.22	1.77	18.92	1.77	19.26	1.77	20.27	1.77	20.93	1.77
	114.8	11.01	0.98	11.40	0.98	11.78	0.98	11.97	0.98	12.53	0.98	12.89	0.98
FTXS15L + FTXS15L	68.0	30.74	1.89	32.12	1.92	33.50	1.96	34.19	1.98	36.26	2.04	37.65	2.08
	77.0	29.34	2.00	30.72	2.04	32.10	2.08	32.79	2.09	34.87	2.15	36.25	2.19
	86.0	27.94	2.12	29.32	2.16	30.71	2.20	31.40	2.22	33.47	2.27	34.85	2.31
	89.6	27.38	2.18	28.76	2.21	30.15	2.25	30.84	2.27	32.91	2.33	34.29	2.36
	95.0	26.54	2.26	27.93	2.30	29.31	2.33	30.00	2.35	32.07	2.41	33.46	2.45
	104.0	25.15	2.40	26.53	2.44	27.91	2.48	28.60	2.50	30.68	2.55	31.84	2.56
	109.4	19.89	1.77	20.74	1.77	21.57	1.77	21.97	1.77	23.16	1.77	23.93	1.77
	114.8	12.16	0.98	12.63	0.98	13.08	0.98	13.30	0.98	13.96	0.98	14.38	0.98
CDXS15L + FTXS15L	68.0	29.20	1.98	30.51	2.02	31.82	2.06	32.48	2.08	34.45	2.14	35.76	2.18
	77.0	27.87	2.10	29.18	2.14	30.50	2.18	31.15	2.20	33.12	2.26	34.44	2.30
	86.0	26.54	2.23	27.86	2.27	29.17	2.31	29.83	2.33	31.80	2.39	33.11	2.43
	89.6	26.01	2.29	27.33	2.33	28.64	2.37	29.30	2.39	31.27	2.45	32.58	2.49
	95.0	25.22	2.37	26.53	2.41	27.84	2.45	28.50	2.47	30.47	2.53	31.78	2.57
	104.0	23.89	2.53	25.18	2.56	26.30	2.56	26.85	2.56	28.45	2.56	29.49	2.56
	109.4	18.69	1.77	19.48	1.77	20.25	1.77	20.62	1.77	21.73	1.77	22.44	1.77
	114.8	11.57	0.98	12.00	0.98	12.42	0.98	12.63	0.98	13.24	0.98	13.63	0.98
CDXS15L + CDXS15L	68.0	27.66	2.07	28.91	2.11	30.15	2.15	30.77	2.17	32.64	2.24	33.88	2.28
	77.0	26.40	2.20	27.65	2.24	28.89	2.28	29.51	2.30	31.38	2.36	32.62	2.40
	86.0	25.15	2.33	26.39	2.37	27.64	2.41	28.26	2.44	30.12	2.50	31.37	2.54
	89.6	24.64	2.39	25.89	2.43	27.13	2.47	27.75	2.49	29.62	2.56	30.86	2.60
	95.0	23.89	2.48	25.13	2.52	26.38	2.56	27.00	2.58	28.87	2.64	30.11	2.69
	104.0	22.37	2.56	23.44	2.56	24.48	2.56	24.99	2.56	26.49	2.56	27.46	2.56
	109.4	17.66	1.77	18.40	1.77	19.11	1.77	19.46	1.77	20.49	1.77	21.16	1.77
	114.8	11.06	0.98	11.46	0.98	11.86	0.98	12.05	0.98	12.62	0.98	12.99	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS15L + FTXS18L	68.0	30.74	1.89	32.12	1.92	33.50	1.96	34.19	1.98	36.26	2.04	37.65	2.08
	77.0	29.34	2.00	30.72	2.04	32.10	2.08	32.79	2.09	34.87	2.15	36.25	2.19
	86.0	27.94	2.12	29.32	2.16	30.71	2.20	31.40	2.22	33.47	2.27	34.85	2.31
	89.6	27.38	2.18	28.76	2.21	30.15	2.25	30.84	2.27	32.91	2.33	34.29	2.36
	95.0	26.54	2.26	27.93	2.30	29.31	2.33	30.00	2.35	32.07	2.41	33.46	2.45
	104.0	25.15	2.40	26.53	2.44	27.91	2.48	28.60	2.50	30.68	2.55	31.84	2.56
	109.4	19.89	1.77	20.74	1.77	21.57	1.77	21.97	1.77	23.16	1.77	23.93	1.77
	114.8	12.16	0.98	12.63	0.98	13.08	0.98	13.30	0.98	13.96	0.98	14.38	0.98
FTXS15L + CDXS18L	68.0	29.20	1.98	30.51	2.01	31.82	2.05	32.48	2.07	34.45	2.13	35.76	2.17
	77.0	27.87	2.09	29.18	2.13	30.50	2.17	31.15	2.19	33.12	2.25	34.44	2.29
	86.0	26.54	2.22	27.86	2.26	29.17	2.30	29.83	2.32	31.80	2.38	33.11	2.42
	89.6	26.01	2.28	27.33	2.32	28.64	2.36	29.30	2.38	31.27	2.44	32.58	2.48
	95.0	25.22	2.36	26.53	2.40	27.84	2.44	28.50	2.46	30.47	2.52	31.78	2.56
	104.0	23.89	2.52	25.20	2.55	26.35	2.56	26.90	2.56	28.51	2.56	29.55	2.56
	109.4	18.72	1.77	19.51	1.77	20.27	1.77	20.65	1.77	21.76	1.77	22.48	1.77
	114.8	11.58	0.98	12.01	0.98	12.44	0.98	12.64	0.98	13.25	0.98	13.65	0.98
CDXS15L + FTXS18L	68.0	29.20	1.98	30.51	2.02	31.82	2.06	32.48	2.08	34.45	2.14	35.76	2.18
	77.0	27.87	2.10	29.18	2.14	30.50	2.18	31.15	2.20	33.12	2.26	34.44	2.30
	86.0	26.54	2.23	27.86	2.27	29.17	2.31	29.83	2.33	31.80	2.39	33.11	2.43
	89.6	26.01	2.29	27.33	2.33	28.64	2.37	29.30	2.39	31.27	2.45	32.58	2.49
	95.0	25.22	2.37	26.53	2.41	27.84	2.45	28.50	2.47	30.47	2.53	31.78	2.57
	104.0	23.89	2.53	25.18	2.56	26.30	2.56	26.85	2.56	28.45	2.56	29.49	2.56
	109.4	18.69	1.77	19.48	1.77	20.25	1.77	20.62	1.77	21.73	1.77	22.44	1.77
	114.8	11.57	0.98	12.00	0.98	12.42	0.98	12.63	0.98	13.24	0.98	13.63	0.98
CDXS15L + CDXS18L	68.0	27.66	2.06	28.91	2.10	30.15	2.15	30.77	2.17	32.64	2.23	33.88	2.27
	77.0	26.40	2.19	27.65	2.23	28.89	2.27	29.51	2.29	31.38	2.35	32.62	2.39
	86.0	25.15	2.32	26.39	2.36	27.64	2.41	28.26	2.43	30.12	2.49	31.37	2.53
	89.6	24.64	2.38	25.89	2.42	27.13	2.46	27.75	2.48	29.62	2.55	30.86	2.59
	95.0	23.89	2.47	25.13	2.51	26.38	2.55	27.00	2.57	28.87	2.63	30.11	2.68
	104.0	22.40	2.56	23.47	2.56	24.52	2.56	25.03	2.56	26.53	2.56	27.50	2.56
	109.4	17.68	1.77	18.41	1.77	19.13	1.77	19.48	1.77	20.52	1.77	21.19	1.77
	114.8	11.07	0.98	11.47	0.98	11.87	0.98	12.06	0.98	12.63	0.98	13.00	0.98
FTXS18L + FTXS18L	68.0	30.74	1.90	32.12	1.93	33.50	1.97	34.19	1.99	36.26	2.05	37.65	2.08
	77.0	29.34	2.01	30.72	2.05	32.10	2.08	32.79	2.10	34.87	2.16	36.25	2.20
	86.0	27.94	2.13	29.32	2.17	30.71	2.21	31.40	2.23	33.47	2.28	34.85	2.32
	89.6	27.38	2.19	28.76	2.22	30.15	2.26	30.84	2.28	32.91	2.34	34.29	2.37
	95.0	26.54	2.27	27.93	2.31	29.31	2.34	30.00	2.36	32.07	2.42	33.46	2.46
	104.0	25.15	2.41	26.53	2.45	27.91	2.49	28.60	2.51	30.65	2.56	31.76	2.56
	109.4	19.86	1.77	20.70	1.77	21.53	1.77	21.93	1.77	23.12	1.77	23.88	1.77
	114.8	12.14	0.98	12.61	0.98	13.06	0.98	13.29	0.98	13.94	0.98	14.36	0.98
CDXS18L + FTXS18L	68.0	29.20	1.98	30.51	2.01	31.82	2.05	32.48	2.07	34.45	2.13	35.76	2.17
	77.0	27.87	2.09	29.18	2.13	30.50	2.17	31.15	2.19	33.12	2.25	34.44	2.29
	86.0	26.54	2.22	27.86	2.26	29.17	2.30	29.83	2.32	31.80	2.38	33.11	2.42
	89.6	26.01	2.28	27.33	2.32	28.64	2.36	29.30	2.38	31.27	2.44	32.58	2.48
	95.0	25.22	2.36	26.53	2.40	27.84	2.44	28.50	2.46	30.47	2.52	31.78	2.56
	104.0	23.89	2.52	25.20	2.55	26.35	2.56	26.90	2.56	28.51	2.56	29.55	2.56
	109.4	18.72	1.77	19.51	1.77	20.27	1.77	20.65	1.77	21.76	1.77	22.48	1.77
	114.8	11.58	0.98	12.01	0.98	12.44	0.98	12.64	0.98	13.25	0.98	13.65	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CDXS18L + CDXS18L	68.0	27.66	2.06	28.91	2.10	30.15	2.14	30.77	2.16	32.64	2.22	33.88	2.26
	77.0	26.40	2.18	27.65	2.22	28.89	2.26	29.51	2.28	31.38	2.34	32.62	2.38
	86.0	25.15	2.31	26.39	2.36	27.64	2.40	28.26	2.42	30.12	2.48	31.37	2.52
	89.6	24.64	2.37	25.89	2.41	27.13	2.45	27.75	2.47	29.62	2.54	30.86	2.58
	95.0	23.89	2.46	25.13	2.50	26.38	2.54	27.00	2.56	28.87	2.62	30.11	2.67
	104.0	22.44	2.56	23.51	2.56	24.55	2.56	25.07	2.56	26.57	2.56	27.55	2.56
	109.4	17.70	1.77	18.43	1.77	19.15	1.77	19.50	1.77	20.54	1.77	21.21	1.77
	114.8	11.07	0.98	11.48	0.98	11.87	0.98	12.07	0.98	12.64	0.98	13.01	0.98
CTXS07L + CTXS07L + CTXS07L	68.0	25.82	1.61	26.98	1.64	28.14	1.67	28.72	1.69	30.46	1.73	31.62	1.77
	77.0	24.64	1.70	25.81	1.73	26.97	1.77	27.55	1.78	29.29	1.83	30.45	1.86
	86.0	23.47	1.81	24.63	1.84	25.79	1.87	26.37	1.89	28.11	1.94	29.28	1.97
	89.6	23.00	1.85	24.16	1.88	25.32	1.92	25.90	1.93	27.65	1.98	28.81	2.01
	95.0	22.30	1.92	23.46	1.95	24.62	1.99	25.20	2.00	26.94	2.05	28.10	2.08
	104.0	21.12	2.04	22.29	2.08	23.45	2.11	24.03	2.12	25.77	2.17	26.93	2.20
	109.4	18.32	1.77	19.14	1.77	19.94	1.77	20.33	1.77	21.47	1.77	22.21	1.77
	114.8	11.27	0.98	11.72	0.98	12.16	0.98	12.37	0.98	13.00	0.98	13.41	0.98
CTXS07L + CTXS07L + FTXS09L	68.0	28.28	1.90	29.55	1.93	30.82	1.97	31.46	1.99	33.36	2.05	34.63	2.08
	77.0	26.99	2.01	28.26	2.05	29.53	2.08	30.17	2.10	32.08	2.16	33.35	2.20
	86.0	25.71	2.13	26.98	2.17	28.25	2.21	28.89	2.23	30.79	2.28	32.06	2.32
	89.6	25.19	2.19	26.46	2.22	27.74	2.26	28.37	2.28	30.28	2.34	31.55	2.37
	95.0	24.42	2.27	25.69	2.31	26.96	2.34	27.60	2.36	29.51	2.42	30.78	2.46
	104.0	23.14	2.41	24.41	2.45	25.68	2.49	26.31	2.51	28.20	2.56	29.24	2.56
	109.4	18.48	1.77	19.27	1.77	20.04	1.77	20.42	1.77	21.52	1.77	22.24	1.77
	114.8	11.43	0.98	11.87	0.98	12.29	0.98	12.50	0.98	13.11	0.98	13.50	0.98
CTXS07L + CTXS07L + FDXS09L	68.0	26.74	1.79	27.94	1.83	29.14	1.86	29.75	1.88	31.55	1.93	32.75	1.97
	77.0	25.52	1.90	26.73	1.93	27.93	1.97	28.53	1.99	30.33	2.04	31.54	2.08
	86.0	24.31	2.02	25.51	2.05	26.71	2.09	27.32	2.11	29.12	2.16	30.32	2.19
	89.6	23.82	2.07	25.03	2.10	26.23	2.14	26.83	2.15	28.63	2.21	29.84	2.24
	95.0	23.09	2.14	24.30	2.18	25.50	2.21	26.10	2.23	27.90	2.29	29.11	2.32
	104.0	21.88	2.28	23.08	2.32	24.28	2.35	24.88	2.37	26.69	2.42	27.89	2.46
	109.4	17.99	1.77	18.77	1.77	19.54	1.77	19.91	1.77	21.01	1.77	21.72	1.77
	114.8	11.15	0.98	11.58	0.98	12.00	0.98	12.21	0.98	12.81	0.98	13.20	0.98
CTXS07L + CTXS07L + FTXS12L	68.0	30.74	2.16	32.12	2.20	33.50	2.25	34.19	2.27	36.26	2.33	37.65	2.38
	77.0	29.34	2.29	30.72	2.33	32.10	2.38	32.79	2.40	34.87	2.46	36.25	2.51
	86.0	27.94	2.43	29.32	2.47	30.71	2.52	31.40	2.54	33.47	2.60	34.85	2.65
	89.6	27.38	2.49	28.76	2.53	30.15	2.58	30.84	2.60	32.91	2.66	34.29	2.71
	95.0	26.54	2.59	27.93	2.63	29.31	2.67	30.00	2.69	32.07	2.76	33.46	2.80
	104.0	24.40	2.56	25.54	2.56	26.64	2.56	27.18	2.56	28.77	2.56	29.80	2.56
	109.4	19.02	1.77	19.79	1.77	20.55	1.77	20.93	1.77	22.02	1.77	22.73	1.77
	114.8	11.79	0.98	12.21	0.98	12.63	0.98	12.84	0.98	13.44	0.98	13.83	0.98
CTXS07L + CTXS07L + FDXS12L	68.0	29.40	2.09	30.73	2.13	32.05	2.17	32.71	2.19	34.69	2.25	36.01	2.30
	77.0	28.07	2.21	29.39	2.26	30.71	2.30	31.37	2.32	33.36	2.38	34.68	2.42
	86.0	26.73	2.35	28.05	2.39	29.38	2.43	30.04	2.45	32.02	2.52	33.34	2.56
	89.6	26.20	2.41	27.52	2.45	28.84	2.49	29.50	2.51	31.49	2.57	32.81	2.62
	95.0	25.39	2.50	26.72	2.54	28.04	2.58	28.70	2.60	30.68	2.67	32.01	2.71
	104.0	23.68	2.56	24.80	2.56	25.89	2.56	26.42	2.56	27.98	2.56	29.00	2.56
	109.4	18.52	1.77	19.28	1.77	20.03	1.77	20.40	1.77	21.47	1.77	22.17	1.77
	114.8	11.51	0.98	11.93	0.98	12.34	0.98	12.54	0.98	13.14	0.98	13.52	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CTXS07L + FTXS15L	68.0	30.74	1.89	32.12	1.92	33.50	1.96	34.19	1.98	36.26	2.04	37.65	2.08
	77.0	29.34	2.00	30.72	2.04	32.10	2.08	32.79	2.09	34.87	2.15	36.25	2.19
	86.0	27.94	2.12	29.32	2.16	30.71	2.20	31.40	2.22	33.47	2.27	34.85	2.31
	89.6	27.38	2.18	28.76	2.21	30.15	2.25	30.84	2.27	32.91	2.33	34.29	2.36
	95.0	26.54	2.26	27.93	2.30	29.31	2.33	30.00	2.35	32.07	2.41	33.46	2.45
	104.0	25.15	2.40	26.53	2.44	27.91	2.48	28.60	2.50	30.68	2.55	31.84	2.56
	109.4	19.89	1.77	20.74	1.77	21.57	1.77	21.97	1.77	23.16	1.77	23.93	1.77
	114.8	12.16	0.98	12.63	0.98	13.08	0.98	13.30	0.98	13.96	0.98	14.38	0.98
CTXS07L + CTXS07L + CDXS15L	68.0	29.71	2.03	31.05	2.07	32.38	2.11	33.05	2.13	35.06	2.19	36.39	2.23
	77.0	28.36	2.15	29.70	2.19	31.03	2.23	31.70	2.26	33.70	2.32	35.04	2.36
	86.0	27.01	2.29	28.35	2.33	29.68	2.37	30.35	2.39	32.35	2.45	33.69	2.49
	89.6	26.47	2.34	27.81	2.38	29.14	2.42	29.81	2.44	31.81	2.51	33.15	2.55
	95.0	25.66	2.43	27.00	2.47	28.33	2.51	29.00	2.53	31.00	2.59	32.34	2.63
	104.0	24.20	2.56	25.34	2.56	26.46	2.56	27.00	2.56	28.61	2.56	29.64	2.56
	109.4	18.82	1.77	19.61	1.77	20.37	1.77	20.75	1.77	21.85	1.77	22.57	1.77
	114.8	11.65	0.98	12.08	0.98	12.50	0.98	12.71	0.98	13.32	0.98	13.71	0.98
CTXS07L + CTXS07L + FTXS18L	68.0	30.74	1.89	32.12	1.92	33.50	1.96	34.19	1.98	36.26	2.04	37.65	2.08
	77.0	29.34	2.00	30.72	2.04	32.10	2.08	32.79	2.09	34.87	2.15	36.25	2.19
	86.0	27.94	2.12	29.32	2.16	30.71	2.20	31.40	2.22	33.47	2.27	34.85	2.31
	89.6	27.38	2.18	28.76	2.21	30.15	2.25	30.84	2.27	32.91	2.33	34.29	2.36
	95.0	26.54	2.26	27.93	2.30	29.31	2.33	30.00	2.35	32.07	2.41	33.46	2.45
	104.0	25.15	2.40	26.53	2.44	27.91	2.48	28.60	2.50	30.68	2.55	31.84	2.56
	109.4	19.89	1.77	20.74	1.77	21.57	1.77	21.97	1.77	23.16	1.77	23.93	1.77
	114.8	12.16	0.98	12.63	0.98	13.08	0.98	13.30	0.98	13.96	0.98	14.38	0.98
CTXS07L + CTXS07L + CDXS18L	68.0	29.71	2.02	31.05	2.06	32.38	2.10	33.05	2.12	35.06	2.18	36.39	2.23
	77.0	28.36	2.15	29.70	2.19	31.03	2.23	31.70	2.25	33.70	2.31	35.04	2.35
	86.0	27.01	2.28	28.35	2.32	29.68	2.36	30.35	2.38	32.35	2.44	33.69	2.48
	89.6	26.47	2.33	27.81	2.37	29.14	2.41	29.81	2.44	31.81	2.50	33.15	2.54
	95.0	25.66	2.42	27.00	2.46	28.33	2.50	29.00	2.52	31.00	2.58	32.34	2.62
	104.0	24.24	2.56	25.39	2.56	26.50	2.56	27.05	2.56	28.66	2.56	29.70	2.56
	109.4	18.84	1.77	19.63	1.77	20.40	1.77	20.78	1.77	21.88	1.77	22.60	1.77
	114.8	11.66	0.98	12.09	0.98	12.51	0.98	12.72	0.98	13.33	0.98	13.73	0.98
CTXS07L + FTXS09L + FTXS09L	68.0	30.74	2.16	32.12	2.20	33.50	2.25	34.19	2.27	36.26	2.33	37.65	2.38
	77.0	29.34	2.29	30.72	2.33	32.10	2.38	32.79	2.40	34.87	2.46	36.25	2.51
	86.0	27.94	2.43	29.32	2.47	30.71	2.52	31.40	2.54	33.47	2.60	34.85	2.65
	89.6	27.38	2.49	28.76	2.53	30.15	2.58	30.84	2.60	32.91	2.66	34.29	2.71
	95.0	26.54	2.59	27.93	2.63	29.31	2.67	30.00	2.69	32.07	2.76	33.46	2.80
	104.0	24.40	2.56	25.54	2.56	26.64	2.56	27.18	2.56	28.77	2.56	29.80	2.56
	109.4	19.02	1.77	19.79	1.77	20.55	1.77	20.93	1.77	22.02	1.77	22.73	1.77
	114.8	11.79	0.98	12.21	0.98	12.63	0.98	12.84	0.98	13.44	0.98	13.83	0.98
CTXS07L + FTXS09L + FDXS09L	68.0	28.99	2.04	30.30	2.08	31.60	2.12	32.25	2.14	34.21	2.20	35.51	2.24
	77.0	27.68	2.16	28.98	2.20	30.28	2.24	30.94	2.26	32.89	2.32	34.20	2.37
	86.0	26.36	2.30	27.66	2.34	28.97	2.38	29.62	2.40	31.57	2.46	32.88	2.50
	89.6	25.83	2.35	27.13	2.39	28.44	2.43	29.09	2.45	31.05	2.52	32.35	2.56
	95.0	25.04	2.44	26.34	2.48	27.65	2.52	28.30	2.54	30.26	2.60	31.56	2.64
	104.0	23.58	2.56	24.70	2.56	25.79	2.56	26.32	2.56	27.89	2.56	28.91	2.56
	109.4	18.42	1.77	19.19	1.77	19.94	1.77	20.31	1.77	21.39	1.77	22.09	1.77
	114.8	11.45	0.98	11.87	0.98	12.28	0.98	12.48	0.98	13.08	0.98	13.47	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FDXS09L + FDXS09L	68.0	27.35	1.88	28.58	1.92	29.81	1.95	30.43	1.97	32.27	2.03	33.50	2.07
	77.0	26.11	1.99	27.34	2.03	28.57	2.07	29.19	2.09	31.03	2.14	32.26	2.18
	86.0	24.87	2.12	26.10	2.15	27.33	2.19	27.94	2.21	29.79	2.27	31.02	2.30
	89.6	24.37	2.17	25.60	2.21	26.83	2.24	27.45	2.26	29.29	2.32	30.52	2.35
	95.0	23.62	2.25	24.85	2.29	26.08	2.32	26.70	2.34	28.55	2.40	29.78	2.44
	104.0	22.38	2.39	23.61	2.43	24.84	2.47	25.46	2.49	27.30	2.54	28.42	2.56
	109.4	18.02	1.77	18.79	1.77	19.54	1.77	19.91	1.77	21.00	1.77	21.70	1.77
	114.8	11.19	0.98	11.61	0.98	12.03	0.98	12.23	0.98	12.83	0.98	13.22	0.98
CTXS07L + FTXS09L + FTXS12L	68.0	30.74	2.17	32.12	2.21	33.50	2.25	34.19	2.28	36.26	2.34	37.65	2.38
	77.0	29.34	2.30	30.72	2.34	32.10	2.39	32.79	2.41	34.87	2.47	36.25	2.51
	86.0	27.94	2.44	29.32	2.48	30.71	2.53	31.40	2.55	33.47	2.61	34.85	2.66
	89.6	27.38	2.50	28.76	2.54	30.15	2.59	30.84	2.61	32.91	2.67	34.29	2.72
	95.0	26.54	2.59	27.93	2.64	29.31	2.68	30.00	2.70	32.07	2.77	33.46	2.81
	104.0	24.37	2.56	25.50	2.56	26.60	2.56	27.14	2.56	28.73	2.56	29.75	2.56
	109.4	19.00	1.77	19.77	1.77	20.53	1.77	20.90	1.77	22.00	1.77	22.70	1.77
	114.8	11.78	0.98	12.21	0.98	12.62	0.98	12.83	0.98	13.43	0.98	13.82	0.98
CTXS07L + FTXS09L + FDXS12L	68.0	29.71	2.10	31.05	2.14	32.38	2.18	33.05	2.20	35.06	2.26	36.39	2.30
	77.0	28.36	2.22	29.70	2.26	31.03	2.31	31.70	2.33	33.70	2.39	35.04	2.43
	86.0	27.01	2.36	28.35	2.40	29.68	2.44	30.35	2.46	32.35	2.53	33.69	2.57
	89.6	26.47	2.42	27.81	2.46	29.14	2.50	29.81	2.52	31.81	2.58	33.15	2.63
	95.0	25.66	2.51	27.00	2.55	28.33	2.59	29.00	2.61	31.00	2.68	32.34	2.72
	104.0	23.89	2.56	25.01	2.56	26.10	2.56	26.64	2.56	28.22	2.56	29.23	2.56
	109.4	18.65	1.77	19.42	1.77	20.18	1.77	20.54	1.77	21.63	1.77	22.33	1.77
	114.8	11.58	0.98	12.00	0.98	12.42	0.98	12.62	0.98	13.22	0.98	13.61	0.98
CTXS07L + FDXS09L + FTXS12L	68.0	29.71	2.10	31.05	2.14	32.38	2.18	33.05	2.20	35.06	2.26	36.39	2.30
	77.0	28.36	2.22	29.70	2.26	31.03	2.31	31.70	2.33	33.70	2.39	35.04	2.43
	86.0	27.01	2.36	28.35	2.40	29.68	2.44	30.35	2.46	32.35	2.53	33.69	2.57
	89.6	26.47	2.42	27.81	2.46	29.14	2.50	29.81	2.52	31.81	2.58	33.15	2.63
	95.0	25.66	2.51	27.00	2.55	28.33	2.59	29.00	2.61	31.00	2.68	32.34	2.72
	104.0	23.89	2.56	25.01	2.56	26.10	2.56	26.64	2.56	28.22	2.56	29.23	2.56
	109.4	18.65	1.77	19.42	1.77	20.18	1.77	20.54	1.77	21.63	1.77	22.33	1.77
	114.8	11.58	0.98	12.00	0.98	12.42	0.98	12.62	0.98	13.22	0.98	13.61	0.98
CTXS07L + FDXS09L + FDXS12L	68.0	28.69	2.08	29.98	2.12	31.27	2.16	31.91	2.18	33.85	2.25	35.14	2.29
	77.0	27.38	2.20	28.67	2.25	29.96	2.29	30.61	2.31	32.54	2.37	33.83	2.41
	86.0	26.08	2.34	27.37	2.38	28.66	2.42	29.30	2.45	31.24	2.51	32.53	2.55
	89.6	25.56	2.40	26.85	2.44	28.14	2.48	28.78	2.50	30.72	2.56	32.01	2.61
	95.0	24.77	2.49	26.06	2.53	27.35	2.57	28.00	2.59	29.94	2.65	31.23	2.70
	104.0	23.15	2.56	24.25	2.56	25.32	2.56	25.84	2.56	27.38	2.56	28.37	2.56
	109.4	18.17	1.77	18.92	1.77	19.66	1.77	20.02	1.77	21.08	1.77	21.76	1.77
	114.8	11.33	0.98	11.74	0.98	12.14	0.98	12.34	0.98	12.93	0.98	13.31	0.98
CTXS07L + FTXS09L + FTXS15L	68.0	30.74	1.90	32.12	1.93	33.50	1.97	34.19	1.99	36.26	2.05	37.65	2.08
	77.0	29.34	2.01	30.72	2.05	32.10	2.08	32.79	2.10	34.87	2.16	36.25	2.20
	86.0	27.94	2.13	29.32	2.17	30.71	2.21	31.40	2.23	33.47	2.28	34.85	2.32
	89.6	27.38	2.19	28.76	2.22	30.15	2.26	30.84	2.28	32.91	2.34	34.29	2.37
	95.0	26.54	2.27	27.93	2.31	29.31	2.34	30.00	2.36	32.07	2.42	33.46	2.46
	104.0	25.15	2.41	26.53	2.45	27.91	2.49	28.60	2.51	30.65	2.56	31.76	2.56
	109.4	19.86	1.77	20.70	1.77	21.53	1.77	21.93	1.77	23.12	1.77	23.88	1.77
	114.8	12.14	0.98	12.61	0.98	13.06	0.98	13.29	0.98	13.94	0.98	14.36	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS09L + CDXS15L	68.0	29.71	2.04	31.05	2.08	32.38	2.12	33.05	2.14	35.06	2.20	36.39	2.24
	77.0	28.36	2.16	29.70	2.20	31.03	2.24	31.70	2.26	33.70	2.32	35.04	2.37
	86.0	27.01	2.30	28.35	2.34	29.68	2.38	30.35	2.40	32.35	2.46	33.69	2.50
	89.6	26.47	2.35	27.81	2.39	29.14	2.43	29.81	2.45	31.81	2.52	33.15	2.56
	95.0	25.66	2.44	27.00	2.48	28.33	2.52	29.00	2.54	31.00	2.60	32.34	2.64
	104.0	24.16	2.56	25.30	2.56	26.41	2.56	26.96	2.56	28.56	2.56	29.59	2.56
	109.4	18.80	1.77	19.58	1.77	20.35	1.77	20.72	1.77	21.82	1.77	22.54	1.77
	114.8	11.64	0.98	12.07	0.98	12.49	0.98	12.70	0.98	13.30	0.98	13.70	0.98
CTXS07L + FDXS09L + FTXS15L	68.0	29.71	1.83	31.05	1.87	32.38	1.90	33.05	1.92	35.06	1.98	36.39	2.01
	77.0	28.36	1.94	29.70	1.98	31.03	2.01	31.70	2.03	33.70	2.09	35.04	2.12
	86.0	27.01	2.06	28.35	2.10	29.68	2.13	30.35	2.15	32.35	2.21	33.69	2.24
	89.6	26.47	2.11	27.81	2.15	29.14	2.18	29.81	2.20	31.81	2.26	33.15	2.29
	95.0	25.66	2.19	27.00	2.23	28.33	2.26	29.00	2.28	31.00	2.34	32.34	2.37
	104.0	24.31	2.33	25.65	2.37	26.98	2.40	27.65	2.42	29.65	2.48	30.99	2.51
	109.4	19.56	1.77	20.40	1.77	21.22	1.77	21.62	1.77	22.80	1.77	23.56	1.77
	114.8	11.97	0.98	12.43	0.98	12.89	0.98	13.11	0.98	13.76	0.98	14.18	0.98
CTXS07L + FDXS09L + CDXS15L	68.0	28.69	1.98	29.98	2.01	31.27	2.05	31.91	2.07	33.85	2.13	35.14	2.17
	77.0	27.38	2.09	28.67	2.13	29.96	2.17	30.61	2.19	32.54	2.25	33.83	2.29
	86.0	26.08	2.22	27.37	2.26	28.66	2.30	29.30	2.32	31.24	2.38	32.53	2.42
	89.6	25.56	2.28	26.85	2.32	28.14	2.36	28.78	2.38	30.72	2.44	32.01	2.48
	95.0	24.77	2.36	26.06	2.40	27.35	2.44	28.00	2.46	29.94	2.52	31.23	2.56
	104.0	23.47	2.52	24.76	2.55	25.89	2.56	26.43	2.56	28.02	2.56	29.04	2.56
	109.4	18.44	1.77	19.22	1.77	19.98	1.77	20.35	1.77	21.44	1.77	22.15	1.77
	114.8	11.44	0.98	11.86	0.98	12.28	0.98	12.49	0.98	13.09	0.98	13.48	0.98
CTXS07L + FTXS09L + FTXS18L	68.0	30.74	1.90	32.12	1.93	33.50	1.97	34.19	1.99	36.26	2.05	37.65	2.08
	77.0	29.34	2.01	30.72	2.05	32.10	2.08	32.79	2.10	34.87	2.16	36.25	2.20
	86.0	27.94	2.13	29.32	2.17	30.71	2.21	31.40	2.23	33.47	2.28	34.85	2.32
	89.6	27.38	2.19	28.76	2.22	30.15	2.26	30.84	2.28	32.91	2.34	34.29	2.37
	95.0	26.54	2.27	27.93	2.31	29.31	2.34	30.00	2.36	32.07	2.42	33.46	2.46
	104.0	25.15	2.41	26.53	2.45	27.91	2.49	28.60	2.51	30.65	2.56	31.76	2.56
	109.4	19.86	1.77	20.70	1.77	21.53	1.77	21.93	1.77	23.12	1.77	23.88	1.77
	114.8	12.14	0.98	12.61	0.98	13.06	0.98	13.29	0.98	13.94	0.98	14.36	0.98
CTXS07L + FTXS09L + CDXS18L	68.0	29.71	2.03	31.05	2.07	32.38	2.11	33.05	2.13	35.06	2.19	36.39	2.23
	77.0	28.36	2.15	29.70	2.19	31.03	2.23	31.70	2.26	33.70	2.32	35.04	2.36
	86.0	27.01	2.29	28.35	2.33	29.68	2.37	30.35	2.39	32.35	2.45	33.69	2.49
	89.6	26.47	2.34	27.81	2.38	29.14	2.42	29.81	2.44	31.81	2.51	33.15	2.55
	95.0	25.66	2.43	27.00	2.47	28.33	2.51	29.00	2.53	31.00	2.59	32.34	2.63
	104.0	24.20	2.56	25.34	2.56	26.46	2.56	27.00	2.56	28.61	2.56	29.64	2.56
	109.4	18.82	1.77	19.61	1.77	20.37	1.77	20.75	1.77	21.85	1.77	22.57	1.77
	114.8	11.65	0.98	12.08	0.98	12.50	0.98	12.71	0.98	13.32	0.98	13.71	0.98
CTXS07L + FDXS09L + FTXS18L	68.0	29.71	1.83	31.05	1.87	32.38	1.90	33.05	1.92	35.06	1.98	36.39	2.01
	77.0	28.36	1.94	29.70	1.98	31.03	2.01	31.70	2.03	33.70	2.09	35.04	2.12
	86.0	27.01	2.06	28.35	2.10	29.68	2.13	30.35	2.15	32.35	2.21	33.69	2.24
	89.6	26.47	2.11	27.81	2.15	29.14	2.18	29.81	2.20	31.81	2.26	33.15	2.29
	95.0	25.66	2.19	27.00	2.23	28.33	2.26	29.00	2.28	31.00	2.34	32.34	2.37
	104.0	24.31	2.33	25.65	2.37	26.98	2.40	27.65	2.42	29.65	2.48	30.99	2.51
	109.4	19.56	1.77	20.40	1.77	21.22	1.77	21.62	1.77	22.80	1.77	23.56	1.77
	114.8	11.97	0.98	12.43	0.98	12.89	0.98	13.11	0.98	13.76	0.98	14.18	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FDXS09L + CDXS18L	68.0	28.69	1.97	29.98	2.01	31.27	2.05	31.91	2.07	33.85	2.12	35.14	2.16
	77.0	27.38	2.09	28.67	2.12	29.96	2.16	30.61	2.18	32.54	2.24	33.83	2.28
	86.0	26.08	2.21	27.37	2.25	28.66	2.29	29.30	2.31	31.24	2.37	32.53	2.41
	89.6	25.56	2.27	26.85	2.31	28.14	2.35	28.78	2.37	30.72	2.43	32.01	2.47
	95.0	24.77	2.35	26.06	2.39	27.35	2.43	28.00	2.45	29.94	2.51	31.23	2.55
	104.0	23.47	2.51	24.76	2.54	25.94	2.56	26.48	2.56	28.07	2.56	29.10	2.56
	109.4	18.47	1.77	19.25	1.77	20.01	1.77	20.38	1.77	21.47	1.77	22.18	1.77
	114.8	11.45	0.98	11.87	0.98	12.29	0.98	12.50	0.98	13.10	0.98	13.49	0.98
CTXS07L + FTXS12L + FTXS12L	68.0	30.74	2.12	32.12	2.16	33.50	2.20	34.19	2.23	36.26	2.29	37.65	2.33
	77.0	29.34	2.25	30.72	2.29	32.10	2.33	32.79	2.35	34.87	2.42	36.25	2.46
	86.0	27.94	2.39	29.32	2.43	30.71	2.47	31.40	2.49	33.47	2.56	34.85	2.60
	89.6	27.38	2.45	28.76	2.49	30.15	2.53	30.84	2.55	32.91	2.61	34.29	2.66
	95.0	26.54	2.54	27.93	2.58	29.31	2.62	30.00	2.64	32.07	2.71	33.46	2.75
	104.0	24.58	2.56	25.72	2.56	26.84	2.56	27.39	2.56	28.99	2.56	30.03	2.56
	109.4	19.11	1.77	19.90	1.77	20.66	1.77	21.04	1.77	22.15	1.77	22.86	1.77
	114.8	11.82	0.98	12.26	0.98	12.68	0.98	12.89	0.98	13.50	0.98	13.89	0.98
CTXS07L + FTXS12L + FDXS12L	68.0	29.71	2.10	31.05	2.14	32.38	2.18	33.05	2.20	35.06	2.26	36.39	2.30
	77.0	28.36	2.22	29.70	2.26	31.03	2.31	31.70	2.33	33.70	2.39	35.04	2.43
	86.0	27.01	2.36	28.35	2.40	29.68	2.44	30.35	2.46	32.35	2.53	33.69	2.57
	89.6	26.47	2.42	27.81	2.46	29.14	2.50	29.81	2.52	31.81	2.58	33.15	2.63
	95.0	25.66	2.51	27.00	2.55	28.33	2.59	29.00	2.61	31.00	2.68	32.34	2.72
	104.0	23.89	2.56	25.01	2.56	26.10	2.56	26.64	2.56	28.22	2.56	29.23	2.56
	109.4	18.65	1.77	19.42	1.77	20.18	1.77	20.54	1.77	21.63	1.77	22.33	1.77
	114.8	11.58	0.98	12.00	0.98	12.42	0.98	12.62	0.98	13.22	0.98	13.61	0.98
CTXS07L + FDXS12L + FDXS12L	68.0	28.69	2.08	29.98	2.12	31.27	2.16	31.91	2.18	33.85	2.25	35.14	2.29
	77.0	27.38	2.20	28.67	2.25	29.96	2.29	30.61	2.31	32.54	2.37	33.83	2.41
	86.0	26.08	2.34	27.37	2.38	28.66	2.42	29.30	2.45	31.24	2.51	32.53	2.55
	89.6	25.56	2.40	26.85	2.44	28.14	2.48	28.78	2.50	30.72	2.56	32.01	2.61
	95.0	24.77	2.49	26.06	2.53	27.35	2.57	28.00	2.59	29.94	2.65	31.23	2.70
	104.0	23.15	2.56	24.25	2.56	25.32	2.56	25.84	2.56	27.38	2.56	28.37	2.56
	109.4	18.17	1.77	18.92	1.77	19.66	1.77	20.02	1.77	21.08	1.77	21.76	1.77
	114.8	11.33	0.98	11.74	0.98	12.14	0.98	12.34	0.98	12.93	0.98	13.31	0.98
CTXS07L + FTXS12L + FTXS15L	68.0	30.74	1.90	32.12	1.93	33.50	1.97	34.19	1.99	36.26	2.05	37.65	2.08
	77.0	29.34	2.01	30.72	2.05	32.10	2.08	32.79	2.10	34.87	2.16	36.25	2.20
	86.0	27.94	2.13	29.32	2.17	30.71	2.21	31.40	2.23	33.47	2.28	34.85	2.32
	89.6	27.38	2.19	28.76	2.22	30.15	2.26	30.84	2.28	32.91	2.34	34.29	2.37
	95.0	26.54	2.27	27.93	2.31	29.31	2.34	30.00	2.36	32.07	2.42	33.46	2.46
	104.0	25.15	2.41	26.53	2.45	27.91	2.49	28.60	2.51	30.65	2.56	31.76	2.56
	109.4	19.86	1.77	20.70	1.77	21.53	1.77	21.93	1.77	23.12	1.77	23.88	1.77
	114.8	12.14	0.98	12.61	0.98	13.06	0.98	13.29	0.98	13.94	0.98	14.36	0.98
CTXS07L + FTXS12L + CDXS15L	68.0	29.71	2.04	31.05	2.08	32.38	2.12	33.05	2.14	35.06	2.20	36.39	2.24
	77.0	28.36	2.16	29.70	2.20	31.03	2.24	31.70	2.26	33.70	2.32	35.04	2.37
	86.0	27.01	2.30	28.35	2.34	29.68	2.38	30.35	2.40	32.35	2.46	33.69	2.50
	89.6	26.47	2.35	27.81	2.39	29.14	2.43	29.81	2.45	31.81	2.52	33.15	2.56
	95.0	25.66	2.44	27.00	2.48	28.33	2.52	29.00	2.54	31.00	2.60	32.34	2.64
	104.0	24.16	2.56	25.30	2.56	26.41	2.56	26.96	2.56	28.56	2.56	29.59	2.56
	109.4	18.80	1.77	19.58	1.77	20.35	1.77	20.72	1.77	21.82	1.77	22.54	1.77
	114.8	11.64	0.98	12.07	0.98	12.49	0.98	12.70	0.98	13.30	0.98	13.70	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FDXS12L + FTXS15L	68.0	29.71	1.83	31.05	1.87	32.38	1.90	33.05	1.92	35.06	1.98	36.39	2.01
	77.0	28.36	1.94	29.70	1.98	31.03	2.01	31.70	2.03	33.70	2.09	35.04	2.12
	86.0	27.01	2.06	28.35	2.10	29.68	2.13	30.35	2.15	32.35	2.21	33.69	2.24
	89.6	26.47	2.11	27.81	2.15	29.14	2.18	29.81	2.20	31.81	2.26	33.15	2.29
	95.0	25.66	2.19	27.00	2.23	28.33	2.26	29.00	2.28	31.00	2.34	32.34	2.37
	104.0	24.31	2.33	25.65	2.37	26.98	2.40	27.65	2.42	29.65	2.48	30.99	2.51
	109.4	19.56	1.77	20.40	1.77	21.22	1.77	21.62	1.77	22.80	1.77	23.56	1.77
	114.8	11.97	0.98	12.43	0.98	12.89	0.98	13.11	0.98	13.76	0.98	14.18	0.98
CTXS07L + FDXS12L + CDXS15L	68.0	28.69	1.98	29.98	2.01	31.27	2.05	31.91	2.07	33.85	2.13	35.14	2.17
	77.0	27.38	2.09	28.67	2.13	29.96	2.17	30.61	2.19	32.54	2.25	33.83	2.29
	86.0	26.08	2.22	27.37	2.26	28.66	2.30	29.30	2.32	31.24	2.38	32.53	2.42
	89.6	25.56	2.28	26.85	2.32	28.14	2.36	28.78	2.38	30.72	2.44	32.01	2.48
	95.0	24.77	2.36	26.06	2.40	27.35	2.44	28.00	2.46	29.94	2.52	31.23	2.56
	104.0	23.47	2.52	24.76	2.55	25.89	2.56	26.43	2.56	28.02	2.56	29.04	2.56
	109.4	18.44	1.77	19.22	1.77	19.98	1.77	20.35	1.77	21.44	1.77	22.15	1.77
	114.8	11.44	0.98	11.86	0.98	12.28	0.98	12.49	0.98	13.09	0.98	13.48	0.98
CTXS07L + FTXS12L + FTXS18L	68.0	30.74	1.90	32.12	1.93	33.50	1.97	34.19	1.99	36.26	2.05	37.65	2.08
	77.0	29.34	2.01	30.72	2.05	32.10	2.08	32.79	2.10	34.87	2.16	36.25	2.20
	86.0	27.94	2.13	29.32	2.17	30.71	2.21	31.40	2.23	33.47	2.28	34.85	2.32
	89.6	27.38	2.19	28.76	2.22	30.15	2.26	30.84	2.28	32.91	2.34	34.29	2.37
	95.0	26.54	2.27	27.93	2.31	29.31	2.34	30.00	2.36	32.07	2.42	33.46	2.46
	104.0	25.15	2.41	26.53	2.45	27.91	2.49	28.60	2.51	30.65	2.56	31.76	2.56
	109.4	19.86	1.77	20.70	1.77	21.53	1.77	21.93	1.77	23.12	1.77	23.88	1.77
	114.8	12.14	0.98	12.61	0.98	13.06	0.98	13.29	0.98	13.94	0.98	14.36	0.98
CTXS07L + FTXS12L + CDXS18L	68.0	29.71	2.03	31.05	2.07	32.38	2.11	33.05	2.13	35.06	2.19	36.39	2.23
	77.0	28.36	2.15	29.70	2.19	31.03	2.23	31.70	2.26	33.70	2.32	35.04	2.36
	86.0	27.01	2.29	28.35	2.33	29.68	2.37	30.35	2.39	32.35	2.45	33.69	2.49
	89.6	26.47	2.34	27.81	2.38	29.14	2.42	29.81	2.44	31.81	2.51	33.15	2.55
	95.0	25.66	2.43	27.00	2.47	28.33	2.51	29.00	2.53	31.00	2.59	32.34	2.63
	104.0	24.20	2.56	25.34	2.56	26.46	2.56	27.00	2.56	28.61	2.56	29.64	2.56
	109.4	18.82	1.77	19.61	1.77	20.37	1.77	20.75	1.77	21.85	1.77	22.57	1.77
	114.8	11.65	0.98	12.08	0.98	12.50	0.98	12.71	0.98	13.32	0.98	13.71	0.98
CTXS07L + FDXS12L + FTXS18L	68.0	29.71	1.83	31.05	1.87	32.38	1.90	33.05	1.92	35.06	1.98	36.39	2.01
	77.0	28.36	1.94	29.70	1.98	31.03	2.01	31.70	2.03	33.70	2.09	35.04	2.12
	86.0	27.01	2.06	28.35	2.10	29.68	2.13	30.35	2.15	32.35	2.21	33.69	2.24
	89.6	26.47	2.11	27.81	2.15	29.14	2.18	29.81	2.20	31.81	2.26	33.15	2.29
	95.0	25.66	2.19	27.00	2.23	28.33	2.26	29.00	2.28	31.00	2.34	32.34	2.37
	104.0	24.31	2.33	25.65	2.37	26.98	2.40	27.65	2.42	29.65	2.48	30.99	2.51
	109.4	19.56	1.77	20.40	1.77	21.22	1.77	21.62	1.77	22.80	1.77	23.56	1.77
	114.8	11.97	0.98	12.43	0.98	12.89	0.98	13.11	0.98	13.76	0.98	14.18	0.98
CTXS07L + FDXS12L + CDXS18L	68.0	28.69	1.97	29.98	2.01	31.27	2.05	31.91	2.07	33.85	2.12	35.14	2.16
	77.0	27.38	2.09	28.67	2.12	29.96	2.16	30.61	2.18	32.54	2.24	33.83	2.28
	86.0	26.08	2.21	27.37	2.25	28.66	2.29	29.30	2.31	31.24	2.37	32.53	2.41
	89.6	25.56	2.27	26.85	2.31	28.14	2.35	28.78	2.37	30.72	2.43	32.01	2.47
	95.0	24.77	2.35	26.06	2.39	27.35	2.43	28.00	2.45	29.94	2.51	31.23	2.55
	104.0	23.47	2.51	24.76	2.54	25.94	2.56	26.48	2.56	28.07	2.56	29.10	2.56
	109.4	18.47	1.77	19.25	1.77	20.01	1.77	20.38	1.77	21.47	1.77	22.18	1.77
	114.8	11.45	0.98	11.87	0.98	12.29	0.98	12.50	0.98	13.10	0.98	13.49	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS15L + FTXS15L	68.0	30.74	1.71	32.12	1.74	33.50	1.78	34.19	1.80	36.26	1.85	37.65	1.88
	77.0	29.34	1.81	30.72	1.85	32.10	1.88	32.79	1.90	34.87	1.95	36.25	1.98
	86.0	27.94	1.93	29.32	1.96	30.71	1.99	31.40	2.01	33.47	2.06	34.85	2.10
	89.6	27.38	1.97	28.76	2.01	30.15	2.04	30.84	2.06	32.91	2.11	34.29	2.14
	95.0	26.54	2.05	27.93	2.08	29.31	2.12	30.00	2.13	32.07	2.18	33.46	2.22
	104.0	25.15	2.18	26.53	2.21	27.91	2.25	28.60	2.26	30.68	2.31	32.06	2.35
	109.4	20.83	1.77	21.74	1.77	22.62	1.77	23.06	1.77	24.33	1.77	25.15	1.77
	114.8	12.59	0.98	13.09	0.98	13.58	0.98	13.82	0.98	14.52	0.98	14.97	0.98
CTXS07L + FTXS15L + CDXS15L	68.0	29.71	1.81	31.05	1.85	32.38	1.89	33.05	1.91	35.06	1.96	36.39	2.00
	77.0	28.36	1.92	29.70	1.96	31.03	2.00	31.70	2.01	33.70	2.07	35.04	2.10
	86.0	27.01	2.04	28.35	2.08	29.68	2.12	30.35	2.13	32.35	2.19	33.69	2.22
	89.6	26.47	2.09	27.81	2.13	29.14	2.17	29.81	2.18	31.81	2.24	33.15	2.27
	95.0	25.66	2.17	27.00	2.21	28.33	2.24	29.00	2.26	31.00	2.32	32.34	2.35
	104.0	24.31	2.31	25.65	2.35	26.98	2.38	27.65	2.40	29.65	2.46	30.99	2.49
	109.4	19.63	1.77	20.48	1.77	21.31	1.77	21.71	1.77	22.90	1.77	23.66	1.77
	114.8	12.01	0.98	12.47	0.98	12.93	0.98	13.15	0.98	13.80	0.98	14.23	0.98
CTXS07L + CDXS15L + CDXS15L	68.0	28.69	1.92	29.98	1.96	31.27	2.00	31.91	2.01	33.85	2.07	35.14	2.11
	77.0	27.38	2.03	28.67	2.07	29.96	2.11	30.61	2.13	32.54	2.19	33.83	2.23
	86.0	26.08	2.16	27.37	2.20	28.66	2.24	29.30	2.26	31.24	2.31	32.53	2.35
	89.6	25.56	2.21	26.85	2.25	28.14	2.29	28.78	2.31	30.72	2.37	32.01	2.41
	95.0	24.77	2.30	26.06	2.34	27.35	2.37	28.00	2.39	29.94	2.45	31.23	2.49
	104.0	23.47	2.44	24.76	2.48	26.05	2.52	26.70	2.54	28.42	2.56	29.46	2.56
	109.4	18.62	1.77	19.42	1.77	20.19	1.77	20.57	1.77	21.68	1.77	22.40	1.77
	114.8	11.51	0.98	11.95	0.98	12.37	0.98	12.58	0.98	13.20	0.98	13.59	0.98
FTXS09L + FTXS09L + FTXS09L	68.0	30.74	2.17	32.12	2.21	33.50	2.25	34.19	2.28	36.26	2.34	37.65	2.38
	77.0	29.34	2.30	30.72	2.34	32.10	2.39	32.79	2.41	34.87	2.47	36.25	2.51
	86.0	27.94	2.44	29.32	2.48	30.71	2.53	31.40	2.55	33.47	2.61	34.85	2.66
	89.6	27.38	2.50	28.76	2.54	30.15	2.59	30.84	2.61	32.91	2.67	34.29	2.72
	95.0	26.54	2.59	27.93	2.64	29.31	2.68	30.00	2.70	32.07	2.77	33.46	2.81
	104.0	24.37	2.56	25.50	2.56	26.60	2.56	27.14	2.56	28.73	2.56	29.75	2.56
	109.4	19.00	1.77	19.77	1.77	20.53	1.77	20.90	1.77	22.00	1.77	22.70	1.77
	114.8	11.78	0.98	12.21	0.98	12.62	0.98	12.83	0.98	13.43	0.98	13.82	0.98
FTXS09L + FTXS09L + FDXS09L	68.0	29.71	2.10	31.05	2.14	32.38	2.18	33.05	2.20	35.06	2.26	36.39	2.30
	77.0	28.36	2.22	29.70	2.26	31.03	2.31	31.70	2.33	33.70	2.39	35.04	2.43
	86.0	27.01	2.36	28.35	2.40	29.68	2.44	30.35	2.46	32.35	2.53	33.69	2.57
	89.6	26.47	2.42	27.81	2.46	29.14	2.50	29.81	2.52	31.81	2.58	33.15	2.63
	95.0	25.66	2.51	27.00	2.55	28.33	2.59	29.00	2.61	31.00	2.68	32.34	2.72
	104.0	23.89	2.56	25.01	2.56	26.10	2.56	26.64	2.56	28.22	2.56	29.23	2.56
	109.4	18.65	1.77	19.42	1.77	20.18	1.77	20.54	1.77	21.63	1.77	22.33	1.77
	114.8	11.58	0.98	12.00	0.98	12.42	0.98	12.62	0.98	13.22	0.98	13.61	0.98
FTXS09L + FDXS09L + FDXS09L	68.0	28.69	2.03	29.98	2.07	31.27	2.11	31.91	2.13	33.85	2.19	35.14	2.23
	77.0	27.38	2.15	28.67	2.19	29.96	2.23	30.61	2.26	32.54	2.32	33.83	2.36
	86.0	26.08	2.29	27.37	2.33	28.66	2.37	29.30	2.39	31.24	2.45	32.53	2.49
	89.6	25.56	2.34	26.85	2.38	28.14	2.42	28.78	2.44	30.72	2.51	32.01	2.55
	95.0	24.77	2.43	26.06	2.47	27.35	2.51	28.00	2.53	29.94	2.59	31.23	2.63
	104.0	23.37	2.56	24.48	2.56	25.56	2.56	26.10	2.56	27.65	2.56	28.66	2.56
	109.4	18.29	1.77	19.05	1.77	19.79	1.77	20.16	1.77	21.23	1.77	21.93	1.77
	114.8	11.37	0.98	11.79	0.98	12.20	0.98	12.40	0.98	13.00	0.98	13.38	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FDXS09L + FDXS09L	68.0	27.66	1.97	28.91	2.01	30.15	2.05	30.77	2.07	32.64	2.12	33.88	2.16
	77.0	26.40	2.09	27.65	2.12	28.89	2.16	29.51	2.18	31.38	2.24	32.62	2.28
	86.0	25.15	2.21	26.39	2.25	27.64	2.29	28.26	2.31	30.12	2.37	31.37	2.41
	89.6	24.64	2.27	25.89	2.31	27.13	2.35	27.75	2.37	29.62	2.43	30.86	2.47
	95.0	23.89	2.35	25.13	2.39	26.38	2.43	27.00	2.45	28.87	2.51	30.11	2.55
	104.0	22.63	2.51	23.88	2.54	25.02	2.56	25.54	2.56	27.09	2.56	28.09	2.56
	109.4	17.91	1.77	18.67	1.77	19.41	1.77	19.77	1.77	20.83	1.77	21.52	1.77
	114.8	11.16	0.98	11.58	0.98	11.98	0.98	12.18	0.98	12.77	0.98	13.15	0.98
FTXS09L + FTXS09L + FTXS12L	68.0	30.74	2.12	32.12	2.16	33.50	2.20	34.19	2.23	36.26	2.29	37.65	2.33
	77.0	29.34	2.25	30.72	2.29	32.10	2.33	32.79	2.35	34.87	2.42	36.25	2.46
	86.0	27.94	2.39	29.32	2.43	30.71	2.47	31.40	2.49	33.47	2.56	34.85	2.60
	89.6	27.38	2.45	28.76	2.49	30.15	2.53	30.84	2.55	32.91	2.61	34.29	2.66
	95.0	26.54	2.54	27.93	2.58	29.31	2.62	30.00	2.64	32.07	2.71	33.46	2.75
	104.0	24.58	2.56	25.72	2.56	26.84	2.56	27.39	2.56	28.99	2.56	30.03	2.56
	109.4	19.11	1.77	19.90	1.77	20.66	1.77	21.04	1.77	22.15	1.77	22.86	1.77
	114.8	11.82	0.98	12.26	0.98	12.68	0.98	12.89	0.98	13.50	0.98	13.89	0.98
FTXS09L + FTXS09L + FDXS12L	68.0	29.71	2.10	31.05	2.14	32.38	2.18	33.05	2.20	35.06	2.26	36.39	2.30
	77.0	28.36	2.22	29.70	2.26	31.03	2.31	31.70	2.33	33.70	2.39	35.04	2.43
	86.0	27.01	2.36	28.35	2.40	29.68	2.44	30.35	2.46	32.35	2.53	33.69	2.57
	89.6	26.47	2.42	27.81	2.46	29.14	2.50	29.81	2.52	31.81	2.58	33.15	2.63
	95.0	25.66	2.51	27.00	2.55	28.33	2.59	29.00	2.61	31.00	2.68	32.34	2.72
	104.0	23.89	2.56	25.01	2.56	26.10	2.56	26.64	2.56	28.22	2.56	29.23	2.56
	109.4	18.65	1.77	19.42	1.77	20.18	1.77	20.54	1.77	21.63	1.77	22.33	1.77
	114.8	11.58	0.98	12.00	0.98	12.42	0.98	12.62	0.98	13.22	0.98	13.61	0.98
FTXS09L + FDXS09L + FTXS12L	68.0	29.71	2.05	31.05	2.09	32.38	2.13	33.05	2.15	35.06	2.21	36.39	2.25
	77.0	28.36	2.17	29.70	2.21	31.03	2.25	31.70	2.27	33.70	2.33	35.04	2.37
	86.0	27.01	2.31	28.35	2.35	29.68	2.39	30.35	2.41	32.35	2.47	33.69	2.51
	89.6	26.47	2.36	27.81	2.40	29.14	2.44	29.81	2.46	31.81	2.53	33.15	2.57
	95.0	25.66	2.45	27.00	2.49	28.33	2.53	29.00	2.55	31.00	2.61	32.34	2.65
	104.0	24.12	2.56	25.25	2.56	26.36	2.56	26.91	2.56	28.50	2.56	29.54	2.56
	109.4	18.78	1.77	19.56	1.77	20.32	1.77	20.69	1.77	21.79	1.77	22.51	1.77
	114.8	11.63	0.98	12.06	0.98	12.48	0.98	12.69	0.98	13.29	0.98	13.68	0.98
FTXS09L + FDXS09L + FDXS12L	68.0	28.69	2.03	29.98	2.07	31.27	2.11	31.91	2.13	33.85	2.19	35.14	2.23
	77.0	27.38	2.15	28.67	2.19	29.96	2.23	30.61	2.26	32.54	2.32	33.83	2.36
	86.0	26.08	2.29	27.37	2.33	28.66	2.37	29.30	2.39	31.24	2.45	32.53	2.49
	89.6	25.56	2.34	26.85	2.38	28.14	2.42	28.78	2.44	30.72	2.51	32.01	2.55
	95.0	24.77	2.43	26.06	2.47	27.35	2.51	28.00	2.53	29.94	2.59	31.23	2.63
	104.0	23.37	2.56	24.48	2.56	25.56	2.56	26.10	2.56	27.65	2.56	28.66	2.56
	109.4	18.29	1.77	19.05	1.77	19.79	1.77	20.16	1.77	21.23	1.77	21.93	1.77
	114.8	11.37	0.98	11.79	0.98	12.20	0.98	12.40	0.98	13.00	0.98	13.38	0.98
FDXS09L + FDXS09L + FTXS12L	68.0	28.69	2.03	29.98	2.07	31.27	2.11	31.91	2.13	33.85	2.19	35.14	2.23
	77.0	27.38	2.15	28.67	2.19	29.96	2.23	30.61	2.26	32.54	2.32	33.83	2.36
	86.0	26.08	2.29	27.37	2.33	28.66	2.37	29.30	2.39	31.24	2.45	32.53	2.49
	89.6	25.56	2.34	26.85	2.38	28.14	2.42	28.78	2.44	30.72	2.51	32.01	2.55
	95.0	24.77	2.43	26.06	2.47	27.35	2.51	28.00	2.53	29.94	2.59	31.23	2.63
	104.0	23.37	2.56	24.48	2.56	25.56	2.56	26.10	2.56	27.65	2.56	28.66	2.56
	109.4	18.29	1.77	19.05	1.77	19.79	1.77	20.16	1.77	21.23	1.77	21.93	1.77
	114.8	11.37	0.98	11.79	0.98	12.20	0.98	12.40	0.98	13.00	0.98	13.38	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FDXS09L + FDXS12L	68.0	27.66	1.97	28.91	2.01	30.15	2.05	30.77	2.07	32.64	2.12	33.88	2.16
	77.0	26.40	2.09	27.65	2.12	28.89	2.16	29.51	2.18	31.38	2.24	32.62	2.28
	86.0	25.15	2.21	26.39	2.25	27.64	2.29	28.26	2.31	30.12	2.37	31.37	2.41
	89.6	24.64	2.27	25.89	2.31	27.13	2.35	27.75	2.37	29.62	2.43	30.86	2.47
	95.0	23.89	2.35	25.13	2.39	26.38	2.43	27.00	2.45	28.87	2.51	30.11	2.55
	104.0	22.63	2.51	23.88	2.54	25.02	2.56	25.54	2.56	27.09	2.56	28.09	2.56
	109.4	17.91	1.77	18.67	1.77	19.41	1.77	19.77	1.77	20.83	1.77	21.52	1.77
	114.8	11.16	0.98	11.58	0.98	11.98	0.98	12.18	0.98	12.77	0.98	13.15	0.98
FTXS09L + FTXS09L + FTXS15L	68.0	30.74	1.90	32.12	1.93	33.50	1.97	34.19	1.99	36.26	2.05	37.65	2.08
	77.0	29.34	2.01	30.72	2.05	32.10	2.08	32.79	2.10	34.87	2.16	36.25	2.20
	86.0	27.94	2.13	29.32	2.17	30.71	2.21	31.40	2.23	33.47	2.28	34.85	2.32
	89.6	27.38	2.19	28.76	2.22	30.15	2.26	30.84	2.28	32.91	2.34	34.29	2.37
	95.0	26.54	2.27	27.93	2.31	29.31	2.34	30.00	2.36	32.07	2.42	33.46	2.46
	104.0	25.15	2.41	26.53	2.45	27.91	2.49	28.60	2.51	30.65	2.56	31.76	2.56
	109.4	19.86	1.77	20.70	1.77	21.53	1.77	21.93	1.77	23.12	1.77	23.88	1.77
	114.8	12.14	0.98	12.61	0.98	13.06	0.98	13.29	0.98	13.94	0.98	14.36	0.98
FTXS09L + FTXS09L + CDXS15L	68.0	29.71	2.04	31.05	2.08	32.38	2.12	33.05	2.14	35.06	2.20	36.39	2.24
	77.0	28.36	2.16	29.70	2.20	31.03	2.24	31.70	2.26	33.70	2.32	35.04	2.37
	86.0	27.01	2.30	28.35	2.34	29.68	2.38	30.35	2.40	32.35	2.46	33.69	2.50
	89.6	26.47	2.35	27.81	2.39	29.14	2.43	29.81	2.45	31.81	2.52	33.15	2.56
	95.0	25.66	2.44	27.00	2.48	28.33	2.52	29.00	2.54	31.00	2.60	32.34	2.64
	104.0	24.16	2.56	25.30	2.56	26.41	2.56	26.96	2.56	28.56	2.56	29.59	2.56
	109.4	18.80	1.77	19.58	1.77	20.35	1.77	20.72	1.77	21.82	1.77	22.54	1.77
	114.8	11.64	0.98	12.07	0.98	12.49	0.98	12.70	0.98	13.30	0.98	13.70	0.98
FTXS09L + FDXS09L + FTXS15L	68.0	29.71	1.83	31.05	1.87	32.38	1.90	33.05	1.92	35.06	1.98	36.39	2.01
	77.0	28.36	1.94	29.70	1.98	31.03	2.01	31.70	2.03	33.70	2.09	35.04	2.12
	86.0	27.01	2.06	28.35	2.10	29.68	2.13	30.35	2.15	32.35	2.21	33.69	2.24
	89.6	26.47	2.11	27.81	2.15	29.14	2.18	29.81	2.20	31.81	2.26	33.15	2.29
	95.0	25.66	2.19	27.00	2.23	28.33	2.26	29.00	2.28	31.00	2.34	32.34	2.37
	104.0	24.31	2.33	25.65	2.37	26.98	2.40	27.65	2.42	29.65	2.48	30.99	2.51
	109.4	19.56	1.77	20.40	1.77	21.22	1.77	21.62	1.77	22.80	1.77	23.56	1.77
	114.8	11.97	0.98	12.43	0.98	12.89	0.98	13.11	0.98	13.76	0.98	14.18	0.98
FTXS09L + FDXS09L + CDXS15L	68.0	28.69	1.98	29.98	2.01	31.27	2.05	31.91	2.07	33.85	2.13	35.14	2.17
	77.0	27.38	2.09	28.67	2.13	29.96	2.17	30.61	2.19	32.54	2.25	33.83	2.29
	86.0	26.08	2.22	27.37	2.26	28.66	2.30	29.30	2.32	31.24	2.38	32.53	2.42
	89.6	25.56	2.28	26.85	2.32	28.14	2.36	28.78	2.38	30.72	2.44	32.01	2.48
	95.0	24.77	2.36	26.06	2.40	27.35	2.44	28.00	2.46	29.94	2.52	31.23	2.56
	104.0	23.47	2.52	24.76	2.55	25.89	2.56	26.43	2.56	28.02	2.56	29.04	2.56
	109.4	18.44	1.77	19.22	1.77	19.98	1.77	20.35	1.77	21.44	1.77	22.15	1.77
	114.8	11.44	0.98	11.86	0.98	12.28	0.98	12.49	0.98	13.09	0.98	13.48	0.98
FDXS09L + FDXS09L + FTXS15L	68.0	28.69	1.77	29.98	1.81	31.27	1.85	31.91	1.86	33.85	1.92	35.14	1.95
	77.0	27.38	1.88	28.67	1.92	29.96	1.95	30.61	1.97	32.54	2.02	33.83	2.06
	86.0	26.08	2.00	27.37	2.03	28.66	2.07	29.30	2.09	31.24	2.14	32.53	2.17
	89.6	25.56	2.05	26.85	2.08	28.14	2.12	28.78	2.14	30.72	2.19	32.01	2.22
	95.0	24.77	2.12	26.06	2.16	27.35	2.19	28.00	2.21	29.94	2.27	31.23	2.30
	104.0	23.47	2.26	24.76	2.30	26.05	2.33	26.70	2.35	28.63	2.40	29.92	2.44
	109.4	19.22	1.77	20.06	1.77	20.87	1.77	21.27	1.77	22.44	1.77	23.19	1.77
	114.8	11.78	0.98	12.24	0.98	12.69	0.98	12.91	0.98	13.55	0.98	13.97	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FDXS09L + CDXS15L	68.0	27.66	1.92	28.91	1.96	30.15	2.00	30.77	2.01	32.64	2.07	33.88	2.11
	77.0	26.40	2.03	27.65	2.07	28.89	2.11	29.51	2.13	31.38	2.19	32.62	2.23
	86.0	25.15	2.16	26.39	2.20	27.64	2.24	28.26	2.26	30.12	2.31	31.37	2.35
	89.6	24.64	2.21	25.89	2.25	27.13	2.29	27.75	2.31	29.62	2.37	30.86	2.41
	95.0	23.89	2.30	25.13	2.34	26.38	2.37	27.00	2.39	28.87	2.45	30.11	2.49
	104.0	22.63	2.44	23.88	2.48	25.12	2.52	25.74	2.54	27.41	2.56	28.43	2.56
	109.4	18.06	1.77	18.83	1.77	19.58	1.77	19.94	1.77	21.02	1.77	21.72	1.77
	114.8	11.22	0.98	11.64	0.98	12.06	0.98	12.26	0.98	12.85	0.98	13.24	0.98
FTXS09L + FTXS09L + FTXS18L	68.0	30.74	1.90	32.12	1.93	33.50	1.97	34.19	1.99	36.26	2.05	37.65	2.08
	77.0	29.34	2.01	30.72	2.05	32.10	2.08	32.79	2.10	34.87	2.16	36.25	2.20
	86.0	27.94	2.13	29.32	2.17	30.71	2.21	31.40	2.23	33.47	2.28	34.85	2.32
	89.6	27.38	2.19	28.76	2.22	30.15	2.26	30.84	2.28	32.91	2.34	34.29	2.37
	95.0	26.54	2.27	27.93	2.31	29.31	2.34	30.00	2.36	32.07	2.42	33.46	2.46
	104.0	25.15	2.41	26.53	2.45	27.91	2.49	28.60	2.51	30.65	2.56	31.76	2.56
	109.4	19.86	1.77	20.70	1.77	21.53	1.77	21.93	1.77	23.12	1.77	23.88	1.77
	114.8	12.14	0.98	12.61	0.98	13.06	0.98	13.29	0.98	13.94	0.98	14.36	0.98
FTXS09L + FTXS09L + CDXS18L	68.0	29.71	2.03	31.05	2.07	32.38	2.11	33.05	2.13	35.06	2.19	36.39	2.23
	77.0	28.36	2.15	29.70	2.19	31.03	2.23	31.70	2.26	33.70	2.32	35.04	2.36
	86.0	27.01	2.29	28.35	2.33	29.68	2.37	30.35	2.39	32.35	2.45	33.69	2.49
	89.6	26.47	2.34	27.81	2.38	29.14	2.42	29.81	2.44	31.81	2.51	33.15	2.55
	95.0	25.66	2.43	27.00	2.47	28.33	2.51	29.00	2.53	31.00	2.59	32.34	2.63
	104.0	24.20	2.56	25.34	2.56	26.46	2.56	27.00	2.56	28.61	2.56	29.64	2.56
	109.4	18.82	1.77	19.61	1.77	20.37	1.77	20.75	1.77	21.85	1.77	22.57	1.77
	114.8	11.65	0.98	12.08	0.98	12.50	0.98	12.71	0.98	13.32	0.98	13.71	0.98
FTXS09L + FDXS09L + FTXS18L	68.0	29.71	1.83	31.05	1.87	32.38	1.90	33.05	1.92	35.06	1.98	36.39	2.01
	77.0	28.36	1.94	29.70	1.98	31.03	2.01	31.70	2.03	33.70	2.09	35.04	2.12
	86.0	27.01	2.06	28.35	2.10	29.68	2.13	30.35	2.15	32.35	2.21	33.69	2.24
	89.6	26.47	2.11	27.81	2.15	29.14	2.18	29.81	2.20	31.81	2.26	33.15	2.29
	95.0	25.66	2.19	27.00	2.23	28.33	2.26	29.00	2.28	31.00	2.34	32.34	2.37
	104.0	24.31	2.33	25.65	2.37	26.98	2.40	27.65	2.42	29.65	2.48	30.99	2.51
	109.4	19.56	1.77	20.40	1.77	21.22	1.77	21.62	1.77	22.80	1.77	23.56	1.77
	114.8	11.97	0.98	12.43	0.98	12.89	0.98	13.11	0.98	13.76	0.98	14.18	0.98
FTXS09L + FDXS09L + CDXS18L	68.0	28.69	1.97	29.98	2.01	31.27	2.05	31.91	2.07	33.85	2.12	35.14	2.16
	77.0	27.38	2.09	28.67	2.12	29.96	2.16	30.61	2.18	32.54	2.24	33.83	2.28
	86.0	26.08	2.21	27.37	2.25	28.66	2.29	29.30	2.31	31.24	2.37	32.53	2.41
	89.6	25.56	2.27	26.85	2.31	28.14	2.35	28.78	2.37	30.72	2.43	32.01	2.47
	95.0	24.77	2.35	26.06	2.39	27.35	2.43	28.00	2.45	29.94	2.51	31.23	2.55
	104.0	23.47	2.51	24.76	2.54	25.94	2.56	26.48	2.56	28.07	2.56	29.10	2.56
	109.4	18.47	1.77	19.25	1.77	20.01	1.77	20.38	1.77	21.47	1.77	22.18	1.77
	114.8	11.45	0.98	11.87	0.98	12.29	0.98	12.50	0.98	13.10	0.98	13.49	0.98
FDXS09L + FDXS09L + FTXS18L	68.0	28.69	1.77	29.98	1.81	31.27	1.85	31.91	1.86	33.85	1.92	35.14	1.95
	77.0	27.38	1.88	28.67	1.92	29.96	1.95	30.61	1.97	32.54	2.02	33.83	2.06
	86.0	26.08	2.00	27.37	2.03	28.66	2.07	29.30	2.09	31.24	2.14	32.53	2.17
	89.6	25.56	2.05	26.85	2.08	28.14	2.12	28.78	2.14	30.72	2.19	32.01	2.22
	95.0	24.77	2.12	26.06	2.16	27.35	2.19	28.00	2.21	29.94	2.27	31.23	2.30
	104.0	23.47	2.26	24.76	2.30	26.05	2.33	26.70	2.35	28.63	2.40	29.92	2.44
	109.4	19.22	1.77	20.06	1.77	20.87	1.77	21.27	1.77	22.44	1.77	23.19	1.77
	114.8	11.78	0.98	12.24	0.98	12.69	0.98	12.91	0.98	13.55	0.98	13.97	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FDXS09L + CDXS18L	68.0	27.66	1.91	28.91	1.95	30.15	1.99	30.77	2.01	32.64	2.06	33.88	2.10
	77.0	26.40	2.03	27.65	2.06	28.89	2.10	29.51	2.12	31.38	2.18	32.62	2.22
	86.0	25.15	2.15	26.39	2.19	27.64	2.23	28.26	2.25	30.12	2.30	31.37	2.34
	89.6	24.64	2.20	25.89	2.24	27.13	2.28	27.75	2.30	29.62	2.36	30.86	2.40
	95.0	23.89	2.29	25.13	2.33	26.38	2.36	27.00	2.38	28.87	2.44	30.11	2.48
	104.0	22.63	2.43	23.88	2.47	25.12	2.51	25.74	2.53	27.47	2.56	28.49	2.56
	109.4	18.08	1.77	18.85	1.77	19.61	1.77	19.97	1.77	21.06	1.77	21.76	1.77
	114.8	11.23	0.98	11.66	0.98	12.07	0.98	12.27	0.98	12.87	0.98	13.26	0.98
FTXS09L + FTXS12L + FTXS12L	68.0	30.74	2.12	32.12	2.16	33.50	2.20	34.19	2.23	36.26	2.29	37.65	2.33
	77.0	29.34	2.25	30.72	2.29	32.10	2.33	32.79	2.35	34.87	2.42	36.25	2.46
	86.0	27.94	2.39	29.32	2.43	30.71	2.47	31.40	2.49	33.47	2.56	34.85	2.60
	89.6	27.38	2.45	28.76	2.49	30.15	2.53	30.84	2.55	32.91	2.61	34.29	2.66
	95.0	26.54	2.54	27.93	2.58	29.31	2.62	30.00	2.64	32.07	2.71	33.46	2.75
	104.0	24.58	2.56	25.72	2.56	26.84	2.56	27.39	2.56	28.99	2.56	30.03	2.56
	109.4	19.11	1.77	19.90	1.77	20.66	1.77	21.04	1.77	22.15	1.77	22.86	1.77
	114.8	11.82	0.98	12.26	0.98	12.68	0.98	12.89	0.98	13.50	0.98	13.89	0.98
FTXS09L + FTXS12L + FDXS12L	68.0	29.71	2.05	31.05	2.09	32.38	2.13	33.05	2.15	35.06	2.21	36.39	2.25
	77.0	28.36	2.17	29.70	2.21	31.03	2.25	31.70	2.27	33.70	2.33	35.04	2.37
	86.0	27.01	2.31	28.35	2.35	29.68	2.39	30.35	2.41	32.35	2.47	33.69	2.51
	89.6	26.47	2.36	27.81	2.40	29.14	2.44	29.81	2.46	31.81	2.53	33.15	2.57
	95.0	25.66	2.45	27.00	2.49	28.33	2.53	29.00	2.55	31.00	2.61	32.34	2.65
	104.0	24.12	2.56	25.25	2.56	26.36	2.56	26.91	2.56	28.50	2.56	29.54	2.56
	109.4	18.78	1.77	19.56	1.77	20.32	1.77	20.69	1.77	21.79	1.77	22.51	1.77
	114.8	11.63	0.98	12.06	0.98	12.48	0.98	12.69	0.98	13.29	0.98	13.68	0.98
FTXS09L + FDXS12L + FDXS12L	68.0	28.69	2.03	29.98	2.07	31.27	2.11	31.91	2.13	33.85	2.19	35.14	2.23
	77.0	27.38	2.15	28.67	2.19	29.96	2.23	30.61	2.26	32.54	2.32	33.83	2.36
	86.0	26.08	2.29	27.37	2.33	28.66	2.37	29.30	2.39	31.24	2.45	32.53	2.49
	89.6	25.56	2.34	26.85	2.38	28.14	2.42	28.78	2.44	30.72	2.51	32.01	2.55
	95.0	24.77	2.43	26.06	2.47	27.35	2.51	28.00	2.53	29.94	2.59	31.23	2.63
	104.0	23.37	2.56	24.48	2.56	25.56	2.56	26.10	2.56	27.65	2.56	28.66	2.56
	109.4	18.29	1.77	19.05	1.77	19.79	1.77	20.16	1.77	21.23	1.77	21.93	1.77
	114.8	11.37	0.98	11.79	0.98	12.20	0.98	12.40	0.98	13.00	0.98	13.38	0.98
FDXS09L + FTXS12L + FTXS12L	68.0	29.71	2.06	31.05	2.10	32.38	2.14	33.05	2.16	35.06	2.22	36.39	2.26
	77.0	28.36	2.18	29.70	2.22	31.03	2.26	31.70	2.28	33.70	2.34	35.04	2.38
	86.0	27.01	2.31	28.35	2.36	29.68	2.40	30.35	2.42	32.35	2.48	33.69	2.52
	89.6	26.47	2.37	27.81	2.41	29.14	2.45	29.81	2.47	31.81	2.54	33.15	2.58
	95.0	25.66	2.46	27.00	2.50	28.33	2.54	29.00	2.56	31.00	2.62	32.34	2.67
	104.0	24.08	2.56	25.21	2.56	26.32	2.56	26.86	2.56	28.45	2.56	29.48	2.56
	109.4	18.75	1.77	19.53	1.77	20.29	1.77	20.67	1.77	21.76	1.77	22.47	1.77
	114.8	11.62	0.98	12.05	0.98	12.47	0.98	12.67	0.98	13.28	0.98	13.67	0.98
FDXS09L + FTXS12L + FDXS12L	68.0	28.69	2.03	29.98	2.07	31.27	2.11	31.91	2.13	33.85	2.19	35.14	2.23
	77.0	27.38	2.15	28.67	2.19	29.96	2.23	30.61	2.26	32.54	2.32	33.83	2.36
	86.0	26.08	2.29	27.37	2.33	28.66	2.37	29.30	2.39	31.24	2.45	32.53	2.49
	89.6	25.56	2.34	26.85	2.38	28.14	2.42	28.78	2.44	30.72	2.51	32.01	2.55
	95.0	24.77	2.43	26.06	2.47	27.35	2.51	28.00	2.53	29.94	2.59	31.23	2.63
	104.0	23.37	2.56	24.48	2.56	25.56	2.56	26.10	2.56	27.65	2.56	28.66	2.56
	109.4	18.29	1.77	19.05	1.77	19.79	1.77	20.16	1.77	21.23	1.77	21.93	1.77
	114.8	11.37	0.98	11.79	0.98	12.20	0.98	12.40	0.98	13.00	0.98	13.38	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FDXS12L + FDXS12L	68.0	27.66	1.97	28.91	2.01	30.15	2.05	30.77	2.07	32.64	2.12	33.88	2.16
	77.0	26.40	2.09	27.65	2.12	28.89	2.16	29.51	2.18	31.38	2.24	32.62	2.28
	86.0	25.15	2.21	26.39	2.25	27.64	2.29	28.26	2.31	30.12	2.37	31.37	2.41
	89.6	24.64	2.27	25.89	2.31	27.13	2.35	27.75	2.37	29.62	2.43	30.86	2.47
	95.0	23.89	2.35	25.13	2.39	26.38	2.43	27.00	2.45	28.87	2.51	30.11	2.55
	104.0	22.63	2.51	23.88	2.54	25.02	2.56	25.54	2.56	27.09	2.56	28.09	2.56
	109.4	17.91	1.77	18.67	1.77	19.41	1.77	19.77	1.77	20.83	1.77	21.52	1.77
	114.8	11.16	0.98	11.58	0.98	11.98	0.98	12.18	0.98	12.77	0.98	13.15	0.98
FTXS09L + FTXS12L + FTXS15L	68.0	30.74	1.85	32.12	1.88	33.50	1.92	34.19	1.94	36.26	1.99	37.65	2.03
	77.0	29.34	1.96	30.72	1.99	32.10	2.03	32.79	2.05	34.87	2.11	36.25	2.14
	86.0	27.94	2.08	29.32	2.12	30.71	2.15	31.40	2.17	33.47	2.23	34.85	2.26
	89.6	27.38	2.13	28.76	2.17	30.15	2.20	30.84	2.22	32.91	2.28	34.29	2.31
	95.0	26.54	2.21	27.93	2.25	29.31	2.28	30.00	2.30	32.07	2.36	33.46	2.39
	104.0	25.15	2.35	26.53	2.39	27.91	2.43	28.60	2.44	30.68	2.50	32.06	2.54
	109.4	20.08	1.77	20.94	1.77	21.77	1.77	22.19	1.77	23.39	1.77	24.17	1.77
	114.8	12.24	0.98	12.72	0.98	13.18	0.98	13.40	0.98	14.07	0.98	14.50	0.98
FTXS09L + FTXS12L + CDXS15L	68.0	29.71	1.99	31.05	2.03	32.38	2.07	33.05	2.09	35.06	2.15	36.39	2.19
	77.0	28.36	2.11	29.70	2.15	31.03	2.19	31.70	2.21	33.70	2.27	35.04	2.31
	86.0	27.01	2.24	28.35	2.28	29.68	2.32	30.35	2.34	32.35	2.40	33.69	2.44
	89.6	26.47	2.30	27.81	2.34	29.14	2.38	29.81	2.40	31.81	2.46	33.15	2.50
	95.0	25.66	2.38	27.00	2.42	28.33	2.46	29.00	2.48	31.00	2.54	32.34	2.58
	104.0	24.31	2.54	25.57	2.56	26.70	2.56	27.26	2.56	28.88	2.56	29.93	2.56
	109.4	18.94	1.77	19.74	1.77	20.51	1.77	20.89	1.77	22.01	1.77	22.73	1.77
	114.8	11.70	0.98	12.14	0.98	12.56	0.98	12.77	0.98	13.39	0.98	13.79	0.98
FTXS09L + FDXS12L + FTXS15L	68.0	29.71	1.83	31.05	1.87	32.38	1.90	33.05	1.92	35.06	1.98	36.39	2.01
	77.0	28.36	1.94	29.70	1.98	31.03	2.01	31.70	2.03	33.70	2.09	35.04	2.12
	86.0	27.01	2.06	28.35	2.10	29.68	2.13	30.35	2.15	32.35	2.21	33.69	2.24
	89.6	26.47	2.11	27.81	2.15	29.14	2.18	29.81	2.20	31.81	2.26	33.15	2.29
	95.0	25.66	2.19	27.00	2.23	28.33	2.26	29.00	2.28	31.00	2.34	32.34	2.37
	104.0	24.31	2.33	25.65	2.37	26.98	2.40	27.65	2.42	29.65	2.48	30.99	2.51
	109.4	19.56	1.77	20.40	1.77	21.22	1.77	21.62	1.77	22.80	1.77	23.56	1.77
	114.8	11.97	0.98	12.43	0.98	12.89	0.98	13.11	0.98	13.76	0.98	14.18	0.98
FTXS09L + FDXS12L + CDXS15L	68.0	28.69	1.98	29.98	2.01	31.27	2.05	31.91	2.07	33.85	2.13	35.14	2.17
	77.0	27.38	2.09	28.67	2.13	29.96	2.17	30.61	2.19	32.54	2.25	33.83	2.29
	86.0	26.08	2.22	27.37	2.26	28.66	2.30	29.30	2.32	31.24	2.38	32.53	2.42
	89.6	25.56	2.28	26.85	2.32	28.14	2.36	28.78	2.38	30.72	2.44	32.01	2.48
	95.0	24.77	2.36	26.06	2.40	27.35	2.44	28.00	2.46	29.94	2.52	31.23	2.56
	104.0	23.47	2.52	24.76	2.55	25.89	2.56	26.43	2.56	28.02	2.56	29.04	2.56
	109.4	18.44	1.77	19.22	1.77	19.98	1.77	20.35	1.77	21.44	1.77	22.15	1.77
	114.8	11.44	0.98	11.86	0.98	12.28	0.98	12.49	0.98	13.09	0.98	13.48	0.98
FDXS09L + FTXS12L + FTXS15L	68.0	29.71	1.83	31.05	1.87	32.38	1.90	33.05	1.92	35.06	1.98	36.39	2.01
	77.0	28.36	1.94	29.70	1.98	31.03	2.01	31.70	2.03	33.70	2.09	35.04	2.12
	86.0	27.01	2.06	28.35	2.10	29.68	2.13	30.35	2.15	32.35	2.21	33.69	2.24
	89.6	26.47	2.11	27.81	2.15	29.14	2.18	29.81	2.20	31.81	2.26	33.15	2.29
	95.0	25.66	2.19	27.00	2.23	28.33	2.26	29.00	2.28	31.00	2.34	32.34	2.37
	104.0	24.31	2.33	25.65	2.37	26.98	2.40	27.65	2.42	29.65	2.48	30.99	2.51
	109.4	19.56	1.77	20.40	1.77	21.22	1.77	21.62	1.77	22.80	1.77	23.56	1.77
	114.8	11.97	0.98	12.43	0.98	12.89	0.98	13.11	0.98	13.76	0.98	14.18	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FTXS12L + CDXS15L	68.0	28.69	1.93	29.98	1.97	31.27	2.00	31.91	2.02	33.85	2.08	35.14	2.12
	77.0	27.38	2.04	28.67	2.08	29.96	2.12	30.61	2.14	32.54	2.20	33.83	2.24
	86.0	26.08	2.17	27.37	2.21	28.66	2.25	29.30	2.27	31.24	2.32	32.53	2.36
	89.6	25.56	2.22	26.85	2.26	28.14	2.30	28.78	2.32	30.72	2.38	32.01	2.42
	95.0	24.77	2.31	26.06	2.34	27.35	2.38	28.00	2.40	29.94	2.46	31.23	2.50
	104.0	23.47	2.45	24.76	2.49	26.05	2.53	26.70	2.55	28.36	2.56	29.40	2.56
	109.4	18.60	1.77	19.39	1.77	20.16	1.77	20.53	1.77	21.64	1.77	22.36	1.77
	114.8	11.50	0.98	11.94	0.98	12.36	0.98	12.57	0.98	13.18	0.98	13.58	0.98
FDXS09L + FDXS12L + FTXS15L	68.0	28.69	1.77	29.98	1.81	31.27	1.85	31.91	1.86	33.85	1.92	35.14	1.95
	77.0	27.38	1.88	28.67	1.92	29.96	1.95	30.61	1.97	32.54	2.02	33.83	2.06
	86.0	26.08	2.00	27.37	2.03	28.66	2.07	29.30	2.09	31.24	2.14	32.53	2.17
	89.6	25.56	2.05	26.85	2.08	28.14	2.12	28.78	2.14	30.72	2.19	32.01	2.22
	95.0	24.77	2.12	26.06	2.16	27.35	2.19	28.00	2.21	29.94	2.27	31.23	2.30
	104.0	23.47	2.26	24.76	2.30	26.05	2.33	26.70	2.35	28.63	2.40	29.92	2.44
	109.4	19.22	1.77	20.06	1.77	20.87	1.77	21.27	1.77	22.44	1.77	23.19	1.77
	114.8	11.78	0.98	12.24	0.98	12.69	0.98	12.91	0.98	13.55	0.98	13.97	0.98
FDXS09L + FDXS12L + CDXS15L	68.0	27.66	1.92	28.91	1.96	30.15	2.00	30.77	2.01	32.64	2.07	33.88	2.11
	77.0	26.40	2.03	27.65	2.07	28.89	2.11	29.51	2.13	31.38	2.19	32.62	2.23
	86.0	25.15	2.16	26.39	2.20	27.64	2.24	28.26	2.26	30.12	2.31	31.37	2.35
	89.6	24.64	2.21	25.89	2.25	27.13	2.29	27.75	2.31	29.62	2.37	30.86	2.41
	95.0	23.89	2.30	25.13	2.34	26.38	2.37	27.00	2.39	28.87	2.45	30.11	2.49
	104.0	22.63	2.44	23.88	2.48	25.12	2.52	25.74	2.54	27.41	2.56	28.43	2.56
	109.4	18.06	1.77	18.83	1.77	19.58	1.77	19.94	1.77	21.02	1.77	21.72	1.77
	114.8	11.22	0.98	11.64	0.98	12.06	0.98	12.26	0.98	12.85	0.98	13.24	0.98
FTXS09L + FTXS12L + FTXS18L	68.0	30.74	1.85	32.12	1.88	33.50	1.92	34.19	1.94	36.26	1.99	37.65	2.03
	77.0	29.34	1.96	30.72	1.99	32.10	2.03	32.79	2.05	34.87	2.11	36.25	2.14
	86.0	27.94	2.08	29.32	2.12	30.71	2.15	31.40	2.17	33.47	2.23	34.85	2.26
	89.6	27.38	2.13	28.76	2.17	30.15	2.20	30.84	2.22	32.91	2.28	34.29	2.31
	95.0	26.54	2.21	27.93	2.25	29.31	2.28	30.00	2.30	32.07	2.36	33.46	2.39
	104.0	25.15	2.35	26.53	2.39	27.91	2.43	28.60	2.44	30.68	2.50	32.06	2.54
	109.4	20.08	1.77	20.94	1.77	21.77	1.77	22.19	1.77	23.39	1.77	24.17	1.77
	114.8	12.24	0.98	12.72	0.98	13.18	0.98	13.40	0.98	14.07	0.98	14.50	0.98
FTXS09L + FTXS12L + CDXS18L	68.0	29.71	1.98	31.05	2.02	32.38	2.06	33.05	2.08	35.06	2.14	36.39	2.18
	77.0	28.36	2.10	29.70	2.14	31.03	2.18	31.70	2.20	33.70	2.26	35.04	2.30
	86.0	27.01	2.23	28.35	2.27	29.68	2.31	30.35	2.33	32.35	2.39	33.69	2.43
	89.6	26.47	2.29	27.81	2.33	29.14	2.37	29.81	2.39	31.81	2.45	33.15	2.49
	95.0	25.66	2.37	27.00	2.41	28.33	2.45	29.00	2.47	31.00	2.53	32.34	2.57
	104.0	24.31	2.53	25.62	2.56	26.75	2.56	27.31	2.56	28.94	2.56	29.99	2.56
	109.4	18.97	1.77	19.76	1.77	20.54	1.77	20.92	1.77	22.04	1.77	22.77	1.77
	114.8	11.71	0.98	12.15	0.98	12.58	0.98	12.79	0.98	13.40	0.98	13.81	0.98
FTXS09L + FDXS12L + FTXS18L	68.0	29.71	1.83	31.05	1.87	32.38	1.90	33.05	1.92	35.06	1.98	36.39	2.01
	77.0	28.36	1.94	29.70	1.98	31.03	2.01	31.70	2.03	33.70	2.09	35.04	2.12
	86.0	27.01	2.06	28.35	2.10	29.68	2.13	30.35	2.15	32.35	2.21	33.69	2.24
	89.6	26.47	2.11	27.81	2.15	29.14	2.18	29.81	2.20	31.81	2.26	33.15	2.29
	95.0	25.66	2.19	27.00	2.23	28.33	2.26	29.00	2.28	31.00	2.34	32.34	2.37
	104.0	24.31	2.33	25.65	2.37	26.98	2.40	27.65	2.42	29.65	2.48	30.99	2.51
	109.4	19.56	1.77	20.40	1.77	21.22	1.77	21.62	1.77	22.80	1.77	23.56	1.77
	114.8	11.97	0.98	12.43	0.98	12.89	0.98	13.11	0.98	13.76	0.98	14.18	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FDXS12L + CDXS18L	68.0	28.69	1.97	29.98	2.01	31.27	2.05	31.91	2.07	33.85	2.12	35.14	2.16
	77.0	27.38	2.09	28.67	2.12	29.96	2.16	30.61	2.18	32.54	2.24	33.83	2.28
	86.0	26.08	2.21	27.37	2.25	28.66	2.29	29.30	2.31	31.24	2.37	32.53	2.41
	89.6	25.56	2.27	26.85	2.31	28.14	2.35	28.78	2.37	30.72	2.43	32.01	2.47
	95.0	24.77	2.35	26.06	2.39	27.35	2.43	28.00	2.45	29.94	2.51	31.23	2.55
	104.0	23.47	2.51	24.76	2.54	25.94	2.56	26.48	2.56	28.07	2.56	29.10	2.56
	109.4	18.47	1.77	19.25	1.77	20.01	1.77	20.38	1.77	21.47	1.77	22.18	1.77
	114.8	11.45	0.98	11.87	0.98	12.29	0.98	12.50	0.98	13.10	0.98	13.49	0.98
FDXS09L + FTXS12L + FTXS18L	68.0	29.71	1.83	31.05	1.87	32.38	1.90	33.05	1.92	35.06	1.98	36.39	2.01
	77.0	28.36	1.94	29.70	1.98	31.03	2.01	31.70	2.03	33.70	2.09	35.04	2.12
	86.0	27.01	2.06	28.35	2.10	29.68	2.13	30.35	2.15	32.35	2.21	33.69	2.24
	89.6	26.47	2.11	27.81	2.15	29.14	2.18	29.81	2.20	31.81	2.26	33.15	2.29
	95.0	25.66	2.19	27.00	2.23	28.33	2.26	29.00	2.28	31.00	2.34	32.34	2.37
	104.0	24.31	2.33	25.65	2.37	26.98	2.40	27.65	2.42	29.65	2.48	30.99	2.51
	109.4	19.56	1.77	20.40	1.77	21.22	1.77	21.62	1.77	22.80	1.77	23.56	1.77
	114.8	11.97	0.98	12.43	0.98	12.89	0.98	13.11	0.98	13.76	0.98	14.18	0.98
FDXS09L + FTXS12L + CDXS18L	68.0	28.69	1.92	29.98	1.96	31.27	2.00	31.91	2.01	33.85	2.07	35.14	2.11
	77.0	27.38	2.03	28.67	2.07	29.96	2.11	30.61	2.13	32.54	2.19	33.83	2.23
	86.0	26.08	2.16	27.37	2.20	28.66	2.24	29.30	2.26	31.24	2.31	32.53	2.35
	89.6	25.56	2.21	26.85	2.25	28.14	2.29	28.78	2.31	30.72	2.37	32.01	2.41
	95.0	24.77	2.30	26.06	2.34	27.35	2.37	28.00	2.39	29.94	2.45	31.23	2.49
	104.0	23.47	2.44	24.76	2.48	26.05	2.52	26.70	2.54	28.42	2.56	29.46	2.56
	109.4	18.62	1.77	19.42	1.77	20.19	1.77	20.57	1.77	21.68	1.77	22.40	1.77
	114.8	11.51	0.98	11.95	0.98	12.37	0.98	12.58	0.98	13.20	0.98	13.59	0.98
FDXS09L + FDXS12L + FTXS18L	68.0	28.69	1.77	29.98	1.81	31.27	1.85	31.91	1.86	33.85	1.92	35.14	1.95
	77.0	27.38	1.88	28.67	1.92	29.96	1.95	30.61	1.97	32.54	2.02	33.83	2.06
	86.0	26.08	2.00	27.37	2.03	28.66	2.07	29.30	2.09	31.24	2.14	32.53	2.17
	89.6	25.56	2.05	26.85	2.08	28.14	2.12	28.78	2.14	30.72	2.19	32.01	2.22
	95.0	24.77	2.12	26.06	2.16	27.35	2.19	28.00	2.21	29.94	2.27	31.23	2.30
	104.0	23.47	2.26	24.76	2.30	26.05	2.33	26.70	2.35	28.63	2.40	29.92	2.44
	109.4	19.22	1.77	20.06	1.77	20.87	1.77	21.27	1.77	22.44	1.77	23.19	1.77
	114.8	11.78	0.98	12.24	0.98	12.69	0.98	12.91	0.98	13.55	0.98	13.97	0.98
FDXS09L + FDXS12L + CDXS18L	68.0	27.66	1.91	28.91	1.95	30.15	1.99	30.77	2.01	32.64	2.06	33.88	2.10
	77.0	26.40	2.03	27.65	2.06	28.89	2.10	29.51	2.12	31.38	2.18	32.62	2.22
	86.0	25.15	2.15	26.39	2.19	27.64	2.23	28.26	2.25	30.12	2.30	31.37	2.34
	89.6	24.64	2.20	25.89	2.24	27.13	2.28	27.75	2.30	29.62	2.36	30.86	2.40
	95.0	23.89	2.29	25.13	2.33	26.38	2.36	27.00	2.38	28.87	2.44	30.11	2.48
	104.0	22.63	2.43	23.88	2.47	25.12	2.51	25.74	2.53	27.47	2.56	28.49	2.56
	109.4	18.08	1.77	18.85	1.77	19.61	1.77	19.97	1.77	21.06	1.77	21.76	1.77
	114.8	11.23	0.98	11.66	0.98	12.07	0.98	12.27	0.98	12.87	0.98	13.26	0.98
FTXS09L + FTXS15L + FTXS15L	68.0	30.74	1.71	32.12	1.74	33.50	1.78	34.19	1.80	36.26	1.85	37.65	1.88
	77.0	29.34	1.81	30.72	1.85	32.10	1.88	32.79	1.90	34.87	1.95	36.25	1.98
	86.0	27.94	1.93	29.32	1.96	30.71	1.99	31.40	2.01	33.47	2.06	34.85	2.10
	89.6	27.38	1.97	28.76	2.01	30.15	2.04	30.84	2.06	32.91	2.11	34.29	2.14
	95.0	26.54	2.05	27.93	2.08	29.31	2.12	30.00	2.13	32.07	2.18	33.46	2.22
	104.0	25.15	2.18	26.53	2.21	27.91	2.25	28.60	2.26	30.68	2.31	32.06	2.35
	109.4	20.83	1.77	21.74	1.77	22.62	1.77	23.06	1.77	24.33	1.77	25.15	1.77
	114.8	12.59	0.98	13.09	0.98	13.58	0.98	13.82	0.98	14.52	0.98	14.97	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS15L + CDXS15L	68.0	29.71	1.82	31.05	1.86	32.38	1.90	33.05	1.91	35.06	1.97	36.39	2.00
	77.0	28.36	1.93	29.70	1.97	31.03	2.01	31.70	2.02	33.70	2.08	35.04	2.11
	86.0	27.01	2.05	28.35	2.09	29.68	2.12	30.35	2.14	32.35	2.20	33.69	2.23
	89.6	26.47	2.10	27.81	2.14	29.14	2.18	29.81	2.19	31.81	2.25	33.15	2.28
	95.0	25.66	2.18	27.00	2.22	28.33	2.25	29.00	2.27	31.00	2.33	32.34	2.36
	104.0	24.31	2.32	25.65	2.36	26.98	2.39	27.65	2.41	29.65	2.47	30.99	2.50
	109.4	19.60	1.77	20.44	1.77	21.26	1.77	21.67	1.77	22.85	1.77	23.61	1.77
	114.8	11.99	0.98	12.45	0.98	12.91	0.98	13.13	0.98	13.78	0.98	14.20	0.98
FTXS09L + CDXS15L + CDXS15L	68.0	28.69	1.92	29.98	1.96	31.27	2.00	31.91	2.01	33.85	2.07	35.14	2.11
	77.0	27.38	2.03	28.67	2.07	29.96	2.11	30.61	2.13	32.54	2.19	33.83	2.23
	86.0	26.08	2.16	27.37	2.20	28.66	2.24	29.30	2.26	31.24	2.31	32.53	2.35
	89.6	25.56	2.21	26.85	2.25	28.14	2.29	28.78	2.31	30.72	2.37	32.01	2.41
	95.0	24.77	2.30	26.06	2.34	27.35	2.37	28.00	2.39	29.94	2.45	31.23	2.49
	104.0	23.47	2.44	24.76	2.48	26.05	2.52	26.70	2.54	28.42	2.56	29.46	2.56
	109.4	18.62	1.77	19.42	1.77	20.19	1.77	20.57	1.77	21.68	1.77	22.40	1.77
	114.8	11.51	0.98	11.95	0.98	12.37	0.98	12.58	0.98	13.20	0.98	13.59	0.98
FDXS09L + FTXS15L + FTXS15L	68.0	29.71	1.65	31.05	1.69	32.38	1.72	33.05	1.74	35.06	1.79	36.39	1.82
	77.0	28.36	1.75	29.70	1.79	31.03	1.82	31.70	1.84	33.70	1.89	35.04	1.92
	86.0	27.01	1.86	28.35	1.90	29.68	1.93	30.35	1.94	32.35	1.99	33.69	2.03
	89.6	26.47	1.91	27.81	1.94	29.14	1.97	29.81	1.99	31.81	2.04	33.15	2.07
	95.0	25.66	1.98	27.00	2.01	28.33	2.05	29.00	2.06	31.00	2.11	32.34	2.14
	104.0	24.31	2.11	25.65	2.14	26.98	2.17	27.65	2.19	29.65	2.24	30.99	2.27
	109.4	20.55	1.77	21.45	1.77	22.34	1.77	22.77	1.77	24.03	1.77	24.85	1.77
	114.8	12.43	0.98	12.93	0.98	13.42	0.98	13.65	0.98	14.35	0.98	14.80	0.98
FDXS09L + FTXS15L + CDXS15L	68.0	28.69	1.76	29.98	1.79	31.27	1.83	31.91	1.85	33.85	1.90	35.14	1.93
	77.0	27.38	1.86	28.67	1.90	29.96	1.93	30.61	1.95	32.54	2.00	33.83	2.04
	86.0	26.08	1.98	27.37	2.01	28.66	2.05	29.30	2.07	31.24	2.12	32.53	2.15
	89.6	25.56	2.03	26.85	2.06	28.14	2.10	28.78	2.12	30.72	2.17	32.01	2.20
	95.0	24.77	2.10	26.06	2.14	27.35	2.17	28.00	2.19	29.94	2.24	31.23	2.28
	104.0	23.47	2.24	24.76	2.27	26.05	2.31	26.70	2.33	28.63	2.38	29.92	2.41
	109.4	19.30	1.77	20.14	1.77	20.96	1.77	21.36	1.77	22.54	1.77	23.30	1.77
	114.8	11.82	0.98	12.28	0.98	12.73	0.98	12.95	0.98	13.60	0.98	14.02	0.98
FDXS09L + CDXS15L + CDXS15L	68.0	27.66	1.86	28.91	1.90	30.15	1.94	30.77	1.96	32.64	2.01	33.88	2.05
	77.0	26.40	1.98	27.65	2.01	28.89	2.05	29.51	2.07	31.38	2.12	32.62	2.16
	86.0	25.15	2.10	26.39	2.13	27.64	2.17	28.26	2.19	30.12	2.25	31.37	2.28
	89.6	24.64	2.15	25.89	2.19	27.13	2.22	27.75	2.24	29.62	2.30	30.86	2.33
	95.0	23.89	2.23	25.13	2.27	26.38	2.30	27.00	2.32	28.87	2.38	30.11	2.42
	104.0	22.63	2.37	23.88	2.41	25.12	2.45	25.74	2.46	27.61	2.52	28.85	2.56
	109.4	18.25	1.77	19.03	1.77	19.80	1.77	20.17	1.77	21.27	1.77	21.98	1.77
	114.8	11.30	0.98	11.73	0.98	12.16	0.98	12.36	0.98	12.97	0.98	13.36	0.98
FTXS12L + FTXS12L + FTXS12L	68.0	30.74	2.07	32.12	2.11	33.50	2.15	34.19	2.17	36.26	2.24	37.65	2.28
	77.0	29.34	2.20	30.72	2.24	32.10	2.28	32.79	2.30	34.87	2.36	36.25	2.40
	86.0	27.94	2.33	29.32	2.37	30.71	2.41	31.40	2.44	33.47	2.50	34.85	2.54
	89.6	27.38	2.39	28.76	2.43	30.15	2.47	30.84	2.49	32.91	2.56	34.29	2.60
	95.0	26.54	2.48	27.93	2.52	29.31	2.56	30.00	2.58	32.07	2.64	33.46	2.69
	104.0	24.81	2.56	25.97	2.56	27.11	2.56	27.66	2.56	29.29	2.56	30.34	2.56
	109.4	19.24	1.77	20.03	1.77	20.81	1.77	21.19	1.77	22.32	1.77	23.04	1.77
	114.8	11.87	0.98	12.31	0.98	12.74	0.98	12.95	0.98	13.57	0.98	13.97	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS12L + FTXS12L + FDXS12L	68.0	29.71	2.06	31.05	2.10	32.38	2.14	33.05	2.16	35.06	2.22	36.39	2.26
	77.0	28.36	2.18	29.70	2.22	31.03	2.26	31.70	2.28	33.70	2.34	35.04	2.38
	86.0	27.01	2.31	28.35	2.36	29.68	2.40	30.35	2.42	32.35	2.48	33.69	2.52
	89.6	26.47	2.37	27.81	2.41	29.14	2.45	29.81	2.47	31.81	2.54	33.15	2.58
	95.0	25.66	2.46	27.00	2.50	28.33	2.54	29.00	2.56	31.00	2.62	32.34	2.67
	104.0	24.08	2.56	25.21	2.56	26.32	2.56	26.86	2.56	28.45	2.56	29.48	2.56
	109.4	18.75	1.77	19.53	1.77	20.29	1.77	20.67	1.77	21.76	1.77	22.47	1.77
	114.8	11.62	0.98	12.05	0.98	12.47	0.98	12.67	0.98	13.28	0.98	13.67	0.98
FTXS12L + FDXS12L + FDXS12L	68.0	28.69	2.03	29.98	2.07	31.27	2.11	31.91	2.13	33.85	2.19	35.14	2.23
	77.0	27.38	2.15	28.67	2.19	29.96	2.23	30.61	2.26	32.54	2.32	33.83	2.36
	86.0	26.08	2.29	27.37	2.33	28.66	2.37	29.30	2.39	31.24	2.45	32.53	2.49
	89.6	25.56	2.34	26.85	2.38	28.14	2.42	28.78	2.44	30.72	2.51	32.01	2.55
	95.0	24.77	2.43	26.06	2.47	27.35	2.51	28.00	2.53	29.94	2.59	31.23	2.63
	104.0	23.37	2.56	24.48	2.56	25.56	2.56	26.10	2.56	27.65	2.56	28.66	2.56
	109.4	18.29	1.77	19.05	1.77	19.79	1.77	20.16	1.77	21.23	1.77	21.93	1.77
	114.8	11.37	0.98	11.79	0.98	12.20	0.98	12.40	0.98	13.00	0.98	13.38	0.98
FDXS12L + FDXS12L + FDXS12L	68.0	27.66	1.97	28.91	2.01	30.15	2.05	30.77	2.07	32.64	2.12	33.88	2.16
	77.0	26.40	2.09	27.65	2.12	28.89	2.16	29.51	2.18	31.38	2.24	32.62	2.28
	86.0	25.15	2.21	26.39	2.25	27.64	2.29	28.26	2.31	30.12	2.37	31.37	2.41
	89.6	24.64	2.27	25.89	2.31	27.13	2.35	27.75	2.37	29.62	2.43	30.86	2.47
	95.0	23.89	2.35	25.13	2.39	26.38	2.43	27.00	2.45	28.87	2.51	30.11	2.55
	104.0	22.63	2.51	23.88	2.54	25.02	2.56	25.54	2.56	27.09	2.56	28.09	2.56
	109.4	17.91	1.77	18.67	1.77	19.41	1.77	19.77	1.77	20.83	1.77	21.52	1.77
	114.8	11.16	0.98	11.58	0.98	11.98	0.98	12.18	0.98	12.77	0.98	13.15	0.98
FTXS12L + FTXS12L + FTXS15L	68.0	30.74	1.85	32.12	1.88	33.50	1.92	34.19	1.94	36.26	1.99	37.65	2.03
	77.0	29.34	1.96	30.72	1.99	32.10	2.03	32.79	2.05	34.87	2.11	36.25	2.14
	86.0	27.94	2.08	29.32	2.12	30.71	2.15	31.40	2.17	33.47	2.23	34.85	2.26
	89.6	27.38	2.13	28.76	2.17	30.15	2.20	30.84	2.22	32.91	2.28	34.29	2.31
	95.0	26.54	2.21	27.93	2.25	29.31	2.28	30.00	2.30	32.07	2.36	33.46	2.39
	104.0	25.15	2.35	26.53	2.39	27.91	2.43	28.60	2.44	30.68	2.50	32.06	2.54
	109.4	20.08	1.77	20.94	1.77	21.77	1.77	22.19	1.77	23.39	1.77	24.17	1.77
	114.8	12.24	0.98	12.72	0.98	13.18	0.98	13.40	0.98	14.07	0.98	14.50	0.98
FTXS12L + FTXS12L + CDXS15L	68.0	29.71	1.99	31.05	2.03	32.38	2.07	33.05	2.09	35.06	2.15	36.39	2.19
	77.0	28.36	2.11	29.70	2.15	31.03	2.19	31.70	2.21	33.70	2.27	35.04	2.31
	86.0	27.01	2.24	28.35	2.28	29.68	2.32	30.35	2.34	32.35	2.40	33.69	2.44
	89.6	26.47	2.30	27.81	2.34	29.14	2.38	29.81	2.40	31.81	2.46	33.15	2.50
	95.0	25.66	2.38	27.00	2.42	28.33	2.46	29.00	2.48	31.00	2.54	32.34	2.58
	104.0	24.31	2.54	25.57	2.56	26.70	2.56	27.26	2.56	28.88	2.56	29.93	2.56
	109.4	18.94	1.77	19.74	1.77	20.51	1.77	20.89	1.77	22.01	1.77	22.73	1.77
	114.8	11.70	0.98	12.14	0.98	12.56	0.98	12.77	0.98	13.39	0.98	13.79	0.98
FTXS12L + FDXS12L + FTXS15L	68.0	29.71	1.83	31.05	1.87	32.38	1.90	33.05	1.92	35.06	1.98	36.39	2.01
	77.0	28.36	1.94	29.70	1.98	31.03	2.01	31.70	2.03	33.70	2.09	35.04	2.12
	86.0	27.01	2.06	28.35	2.10	29.68	2.13	30.35	2.15	32.35	2.21	33.69	2.24
	89.6	26.47	2.11	27.81	2.15	29.14	2.18	29.81	2.20	31.81	2.26	33.15	2.29
	95.0	25.66	2.19	27.00	2.23	28.33	2.26	29.00	2.28	31.00	2.34	32.34	2.37
	104.0	24.31	2.33	25.65	2.37	26.98	2.40	27.65	2.42	29.65	2.48	30.99	2.51
	109.4	19.56	1.77	20.40	1.77	21.22	1.77	21.62	1.77	22.80	1.77	23.56	1.77
	114.8	11.97	0.98	12.43	0.98	12.89	0.98	13.11	0.98	13.76	0.98	14.18	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS12L + FDXS12L + CDXS15L	68.0	28.69	1.93	29.98	1.97	31.27	2.00	31.91	2.02	33.85	2.08	35.14	2.12
	77.0	27.38	2.04	28.67	2.08	29.96	2.12	30.61	2.14	32.54	2.20	33.83	2.24
	86.0	26.08	2.17	27.37	2.21	28.66	2.25	29.30	2.27	31.24	2.32	32.53	2.36
	89.6	25.56	2.22	26.85	2.26	28.14	2.30	28.78	2.32	30.72	2.38	32.01	2.42
	95.0	24.77	2.31	26.06	2.34	27.35	2.38	28.00	2.40	29.94	2.46	31.23	2.50
	104.0	23.47	2.45	24.76	2.49	26.05	2.53	26.70	2.55	28.36	2.56	29.40	2.56
	109.4	18.60	1.77	19.39	1.77	20.16	1.77	20.53	1.77	21.64	1.77	22.36	1.77
	114.8	11.50	0.98	11.94	0.98	12.36	0.98	12.57	0.98	13.18	0.98	13.58	0.98
FDXS12L + FDXS12L + FTXS15L	68.0	28.69	1.77	29.98	1.81	31.27	1.85	31.91	1.86	33.85	1.92	35.14	1.95
	77.0	27.38	1.88	28.67	1.92	29.96	1.95	30.61	1.97	32.54	2.02	33.83	2.06
	86.0	26.08	2.00	27.37	2.03	28.66	2.07	29.30	2.09	31.24	2.14	32.53	2.17
	89.6	25.56	2.05	26.85	2.08	28.14	2.12	28.78	2.14	30.72	2.19	32.01	2.22
	95.0	24.77	2.12	26.06	2.16	27.35	2.19	28.00	2.21	29.94	2.27	31.23	2.30
	104.0	23.47	2.26	24.76	2.30	26.05	2.33	26.70	2.35	28.63	2.40	29.92	2.44
	109.4	19.22	1.77	20.06	1.77	20.87	1.77	21.27	1.77	22.44	1.77	23.19	1.77
	114.8	11.78	0.98	12.24	0.98	12.69	0.98	12.91	0.98	13.55	0.98	13.97	0.98
FDXS12L + FDXS12L + CDXS15L	68.0	27.66	1.92	28.91	1.96	30.15	2.00	30.77	2.01	32.64	2.07	33.88	2.11
	77.0	26.40	2.03	27.65	2.07	28.89	2.11	29.51	2.13	31.38	2.19	32.62	2.23
	86.0	25.15	2.16	26.39	2.20	27.64	2.24	28.26	2.26	30.12	2.31	31.37	2.35
	89.6	24.64	2.21	25.89	2.25	27.13	2.29	27.75	2.31	29.62	2.37	30.86	2.41
	95.0	23.89	2.30	25.13	2.34	26.38	2.37	27.00	2.39	28.87	2.45	30.11	2.49
	104.0	22.63	2.44	23.88	2.48	25.12	2.52	25.74	2.54	27.41	2.56	28.43	2.56
	109.4	18.06	1.77	18.83	1.77	19.58	1.77	19.94	1.77	21.02	1.77	21.72	1.77
	114.8	11.22	0.98	11.64	0.98	12.06	0.98	12.26	0.98	12.85	0.98	13.24	0.98

Symbols:

EWB	: Entering wet bulb temp.	(°F)
EDB	: Entering dry bulb temp.	(°F)
TC	: Total capacity	(kBtu/h)
PI	: Power input	(kW)

Notes:

1. Ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. ■ shows max capacities and power input.
3. TC and PI must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
4. Capacities are based on the following conditions.
5. Corresponding refrigerant piping length : 25 ft

C: 3D093972 ~ 3D093979
C: 3D093980 ~ 3D093987

Heating [60 Hz, 208 - 230 V]

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L	60.8	5.44	0.45	6.54	0.47	7.63	0.50	8.73	0.52	10.04	0.55	10.92	0.57	12.01	0.59
	64.4	5.31	0.46	6.40	0.48	7.50	0.50	8.59	0.52	9.91	0.55	10.78	0.57	11.88	0.59
	68.0	5.17	0.46	6.27	0.48	7.36	0.51	8.46	0.53	9.77	0.56	10.65	0.58	11.75	0.60
	70.0	5.10	0.46	6.20	0.49	7.29	0.51	8.39	0.53	9.70	0.56	10.58	0.58	11.67	0.60
	71.6	5.04	0.47	6.14	0.49	7.23	0.51	8.33	0.53	9.64	0.56	10.52	0.58	11.61	0.60
	75.2	4.91	0.47	6.00	0.49	7.10	0.52	8.19	0.54	9.51	0.57	10.38	0.59	11.48	0.61
FTXS09L	60.8	7.01	0.72	8.42	0.75	9.84	0.79	11.25	0.83	12.94	0.87	14.07	0.90	15.48	0.94
	64.4	6.84	0.72	8.25	0.76	9.66	0.80	11.07	0.83	12.77	0.88	13.90	0.91	15.31	0.94
	68.0	6.67	0.73	8.08	0.77	9.49	0.80	10.90	0.84	12.60	0.89	13.73	0.91	15.14	0.95
	70.0	6.57	0.74	7.98	0.77	9.39	0.81	10.81	0.85	12.50	0.89	13.63	0.92	15.04	0.96
	71.6	6.50	0.74	7.91	0.78	9.32	0.81	10.73	0.85	12.42	0.89	13.55	0.92	14.96	0.96
	75.2	6.32	0.75	7.73	0.78	9.15	0.82	10.56	0.86	12.25	0.90	13.38	0.93	14.79	0.97
FDXS09L	60.8	7.01	0.79	8.42	0.83	9.84	0.87	11.25	0.91	12.94	0.96	14.07	0.99	15.48	1.03
	64.4	6.84	0.80	8.25	0.84	9.66	0.88	11.07	0.92	12.77	0.97	13.90	1.00	15.31	1.04
	68.0	6.67	0.81	8.08	0.85	9.49	0.89	10.90	0.93	12.60	0.98	13.73	1.01	15.14	1.05
	70.0	6.57	0.81	7.98	0.85	9.39	0.89	10.81	0.93	12.50	0.98	13.63	1.01	15.04	1.05
	71.6	6.50	0.81	7.91	0.85	9.32	0.90	10.73	0.94	12.42	0.98	13.55	1.02	14.96	1.06
	75.2	6.32	0.82	7.73	0.86	9.15	0.90	10.56	0.94	12.25	0.99	13.38	1.03	14.79	1.07
FTXS12L	60.8	9.37	1.05	11.25	1.11	13.14	1.16	15.03	1.22	17.29	1.28	18.80	1.32	20.68	1.38
	64.4	9.14	1.07	11.02	1.12	12.91	1.17	14.80	1.23	17.06	1.29	18.57	1.33	20.45	1.39
	68.0	8.91	1.08	10.79	1.13	12.68	1.18	14.57	1.24	16.83	1.30	18.34	1.35	20.22	1.40
	70.0	8.78	1.08	10.67	1.14	12.55	1.19	14.44	1.25	16.70	1.31	18.21	1.35	20.09	1.41
	71.6	8.68	1.09	10.56	1.14	12.45	1.20	14.33	1.25	16.60	1.32	18.11	1.36	19.99	1.41
	75.2	8.45	1.10	10.33	1.15	12.22	1.21	14.10	1.26	16.37	1.33	17.88	1.37	19.76	1.42
FDXS12L	60.8	9.37	1.26	11.25	1.33	13.14	1.39	15.03	1.46	17.29	1.53	18.80	1.59	20.68	1.65
	64.4	9.14	1.28	11.02	1.34	12.91	1.41	14.80	1.47	17.06	1.55	18.57	1.60	20.45	1.66
	68.0	8.91	1.29	10.79	1.36	12.68	1.42	14.57	1.48	16.83	1.56	18.34	1.61	20.22	1.68
	70.0	8.78	1.30	10.67	1.36	12.55	1.43	14.44	1.49	16.70	1.57	18.21	1.62	20.09	1.69
	71.6	8.68	1.30	10.56	1.37	12.45	1.43	14.33	1.50	16.60	1.58	18.11	1.63	19.99	1.69
	75.2	8.45	1.32	10.33	1.38	12.22	1.45	14.10	1.51	16.37	1.59	17.88	1.64	19.76	1.71
FTXS15L	60.8	11.67	1.25	14.02	1.31	16.37	1.37	18.72	1.44	21.53	1.51	23.41	1.57	25.76	1.63
	64.4	11.38	1.26	13.73	1.32	16.08	1.39	18.43	1.45	21.25	1.53	23.13	1.58	25.47	1.64
	68.0	11.10	1.27	13.44	1.34	15.79	1.40	18.14	1.47	20.96	1.54	22.84	1.59	25.19	1.66
	70.0	10.94	1.28	13.28	1.35	15.63	1.41	17.98	1.47	20.80	1.55	22.68	1.60	25.03	1.66
	71.6	10.81	1.29	13.16	1.35	15.51	1.42	17.85	1.48	20.67	1.56	22.55	1.61	24.90	1.67
	75.2	10.52	1.30	12.87	1.37	15.22	1.43	17.57	1.49	20.39	1.57	22.26	1.62	24.61	1.69
CDXS15L	60.8	11.67	1.70	14.02	1.79	16.37	1.88	18.72	1.97	21.53	2.07	23.41	2.14	25.76	2.23
	64.4	11.38	1.72	13.73	1.81	16.08	1.90	18.43	1.99	21.25	2.09	23.13	2.16	25.47	2.25
	68.0	11.10	1.74	13.44	1.83	15.79	1.92	18.14	2.00	20.96	2.11	22.84	2.18	25.19	2.27
	70.0	10.94	1.75	13.28	1.84	15.63	1.93	17.98	2.02	20.80	2.12	22.68	2.19	25.03	2.28
	71.6	10.81	1.76	13.16	1.85	15.51	1.94	17.85	2.02	20.67	2.13	22.55	2.20	24.90	2.29
	75.2	10.52	1.78	12.87	1.87	15.22	1.96	17.57	2.04	20.39	2.15	22.26	2.22	24.61	2.30
FTXS18L	60.8	14.03	1.65	16.85	1.73	19.67	1.82	22.49	1.90	25.88	2.00	28.14	2.07	30.96	2.15
	64.4	13.68	1.67	16.50	1.75	19.33	1.84	22.15	1.92	25.54	2.02	27.80	2.09	30.62	2.17
	68.0	13.34	1.69	16.16	1.77	18.98	1.85	21.80	1.94	25.19	2.04	27.45	2.11	30.27	2.19
	70.0	13.14	1.70	15.97	1.78	18.79	1.86	21.61	1.95	25.00	2.05	27.26	2.12	30.08	2.20
	71.6	12.99	1.70	15.81	1.79	18.64	1.87	21.46	1.96	24.85	2.06	27.10	2.13	29.93	2.21
	75.2	12.65	1.72	15.47	1.81	18.29	1.89	21.11	1.98	24.50	2.08	26.76	2.14	29.58	2.23

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CDXS18L	60.8	14.03	2.22	16.85	2.33	19.67	2.45	22.49	2.56	25.88	2.70	28.14	2.79	30.96	2.90
	64.4	13.68	2.24	16.50	2.36	19.33	2.47	22.15	2.58	25.54	2.72	27.80	2.81	30.62	2.93
	68.0	13.34	2.27	16.16	2.38	18.98	2.50	21.80	2.61	25.19	2.75	27.45	2.84	30.27	2.95
	70.0	13.14	2.28	15.97	2.40	18.79	2.51	21.61	2.62	25.00	2.76	27.26	2.85	30.08	2.96
	71.6	12.99	2.29	15.81	2.41	18.64	2.52	21.46	2.63	24.85	2.77	27.10	2.86	29.93	2.98
	75.2	12.65	2.32	15.47	2.43	18.29	2.55	21.11	2.66	24.50	2.80	26.76	2.89	29.58	3.00
CTXS07L + CTXS07L	60.8	10.88	1.08	13.07	1.13	15.27	1.19	17.46	1.24	20.08	1.31	21.84	1.35	24.03	1.41
	64.4	10.62	1.09	12.81	1.14	15.00	1.20	17.19	1.26	19.82	1.32	21.57	1.37	23.76	1.42
	68.0	10.35	1.10	12.54	1.16	14.73	1.21	16.92	1.27	19.55	1.33	21.30	1.38	23.49	1.43
	70.0	10.20	1.11	12.39	1.16	14.58	1.22	16.77	1.27	19.40	1.34	21.15	1.38	23.34	1.44
	71.6	10.08	1.11	12.27	1.17	14.46	1.22	16.65	1.28	19.28	1.35	21.03	1.39	23.22	1.44
	75.2	9.81	1.13	12.00	1.18	14.19	1.24	16.38	1.29	19.01	1.36	20.77	1.40	22.96	1.46
CTXS07L + FTXS09L	60.8	12.45	1.25	14.96	1.32	17.47	1.38	19.98	1.45	22.98	1.52	24.99	1.58	27.50	1.64
	64.4	12.15	1.27	14.66	1.33	17.16	1.40	19.67	1.46	22.68	1.54	24.68	1.59	27.19	1.65
	68.0	11.84	1.28	14.35	1.35	16.86	1.41	19.36	1.48	22.37	1.55	24.38	1.60	26.88	1.67
	70.0	11.67	1.29	14.18	1.35	16.69	1.42	19.19	1.48	22.20	1.56	24.21	1.61	26.71	1.68
	71.6	11.54	1.30	14.04	1.36	16.55	1.42	19.06	1.49	22.06	1.57	24.07	1.62	26.58	1.68
	75.2	11.23	1.31	13.74	1.37	16.24	1.44	18.75	1.50	21.76	1.58	23.76	1.63	26.27	1.70
CTXS07L + FDXS09L	60.8	12.45	1.45	14.96	1.52	17.47	1.60	19.98	1.67	22.98	1.76	24.99	1.82	27.50	1.89
	64.4	12.15	1.46	14.66	1.54	17.16	1.61	19.67	1.69	22.68	1.77	24.68	1.83	27.19	1.91
	68.0	11.84	1.48	14.35	1.55	16.86	1.63	19.36	1.70	22.37	1.79	24.38	1.85	26.88	1.92
	70.0	11.67	1.49	14.18	1.56	16.69	1.64	19.19	1.71	22.20	1.80	24.21	1.86	26.71	1.93
	71.6	11.54	1.50	14.04	1.57	16.55	1.64	19.06	1.72	22.06	1.81	24.07	1.87	26.58	1.94
	75.2	11.23	1.51	13.74	1.59	16.24	1.66	18.75	1.73	21.76	1.82	23.76	1.88	26.27	1.96
CTXS07L + FTXS12L	60.8	14.92	1.62	17.93	1.70	20.93	1.78	23.93	1.86	27.54	1.96	29.94	2.03	32.95	2.11
	64.4	14.56	1.63	17.56	1.72	20.56	1.80	23.57	1.88	27.17	1.98	29.57	2.05	32.58	2.13
	68.0	14.19	1.65	17.19	1.74	20.20	1.82	23.20	1.90	26.80	2.00	29.21	2.07	32.21	2.15
	70.0	13.98	1.66	16.99	1.75	19.99	1.83	23.00	1.91	26.60	2.01	29.00	2.08	32.01	2.16
	71.6	13.82	1.67	16.83	1.75	19.83	1.84	22.83	1.92	26.44	2.02	28.84	2.08	31.84	2.17
	75.2	13.45	1.69	16.46	1.77	19.46	1.85	22.47	1.94	26.07	2.04	28.47	2.10	31.48	2.19
CTXS07L + FDXS12L	60.8	14.70	1.84	17.66	1.94	20.62	2.03	23.57	2.12	27.12	2.24	29.49	2.31	32.45	2.41
	64.4	14.34	1.86	17.30	1.96	20.25	2.05	23.21	2.14	26.76	2.26	29.13	2.33	32.09	2.43
	68.0	13.98	1.88	16.93	1.98	19.89	2.07	22.85	2.17	26.40	2.28	28.77	2.35	31.73	2.45
	70.0	13.77	1.89	16.73	1.99	19.69	2.08	22.65	2.18	26.20	2.29	28.57	2.37	31.53	2.46
	71.6	13.61	1.90	16.57	2.00	19.53	2.09	22.49	2.19	26.04	2.30	28.41	2.37	31.36	2.47
	75.2	13.25	1.92	16.21	2.02	19.17	2.11	22.13	2.21	25.68	2.32	28.04	2.40	31.00	2.49
CTXS07L + FTXS15L	60.8	17.56	1.90	21.09	1.99	24.63	2.09	28.16	2.19	32.40	2.31	35.23	2.38	38.77	2.48
	64.4	17.13	1.92	20.66	2.02	24.20	2.11	27.73	2.21	31.97	2.33	34.80	2.40	38.33	2.50
	68.0	16.70	1.94	20.23	2.04	23.76	2.13	27.30	2.23	31.54	2.35	34.37	2.43	37.90	2.52
	70.0	16.46	1.95	19.99	2.05	23.52	2.15	27.06	2.24	31.30	2.36	34.13	2.44	37.66	2.53
	71.6	16.26	1.96	19.80	2.06	23.33	2.16	26.87	2.25	31.11	2.37	33.94	2.45	37.47	2.54
	75.2	15.83	1.98	19.37	2.08	22.90	2.18	26.43	2.27	30.68	2.39	33.50	2.47	37.04	2.57
CTXS07L + CDXS15L	60.8	16.66	2.13	20.02	2.24	23.37	2.35	26.72	2.46	30.75	2.59	33.43	2.68	36.78	2.79
	64.4	16.25	2.15	19.61	2.26	22.96	2.37	26.31	2.48	30.34	2.61	33.02	2.70	36.37	2.81
	68.0	15.84	2.18	19.20	2.29	22.55	2.40	25.90	2.51	29.93	2.64	32.61	2.72	35.96	2.83
	70.0	15.61	2.19	18.97	2.30	22.32	2.41	25.68	2.52	29.70	2.65	32.38	2.74	35.74	2.85
	71.6	15.43	2.20	18.79	2.31	22.14	2.42	25.49	2.53	29.52	2.66	32.20	2.75	35.55	2.86
	75.2	15.02	2.23	18.38	2.34	21.73	2.44	25.08	2.55	29.11	2.68	31.79	2.77	35.14	2.88

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS18L	60.8	20.20	2.44	24.26	2.57	28.33	2.69	32.39	2.82	37.27	2.97	40.52	3.07	44.59	3.20
	64.4	19.70	2.47	23.77	2.60	27.83	2.72	31.90	2.85	36.77	3.00	40.03	3.10	44.09	3.22
	68.0	19.20	2.50	23.27	2.62	27.33	2.75	31.40	2.87	36.28	3.02	39.53	3.12	43.59	3.25
	70.0	18.93	2.51	22.99	2.64	27.06	2.76	31.12	2.89	36.00	3.04	39.25	3.14	43.32	3.27
	71.6	18.71	2.53	22.77	2.65	26.84	2.78	30.90	2.90	35.78	3.05	39.03	3.15	43.10	3.28
	75.2	18.21	2.55	22.27	2.68	26.34	2.80	30.40	2.93	35.28	3.08	38.53	3.18	42.60	3.30
CTXS07L + CDXS18L	60.8	18.63	2.51	22.38	2.64	26.12	2.77	29.87	2.89	34.37	3.05	37.37	3.15	41.12	3.28
	64.4	18.17	2.54	21.92	2.67	25.67	2.79	29.41	2.92	33.91	3.08	36.91	3.18	40.66	3.31
	68.0	17.71	2.56	21.46	2.69	25.21	2.82	28.96	2.95	33.45	3.10	36.45	3.21	40.20	3.34
	70.0	17.45	2.58	21.20	2.71	24.95	2.84	28.70	2.97	33.20	3.12	36.20	3.22	39.95	3.35
	71.6	17.25	2.59	21.00	2.72	24.75	2.85	28.50	2.98	33.00	3.13	36.00	3.24	39.74	3.36
	75.2	16.79	2.62	20.54	2.75	24.29	2.88	28.04	3.01	32.54	3.16	35.54	3.26	39.29	3.39
FTXS09L + FTXS09L	60.8	14.03	1.47	16.85	1.55	19.67	1.62	22.49	1.70	25.88	1.79	28.14	1.85	30.96	1.92
	64.4	13.68	1.49	16.50	1.56	19.33	1.64	22.15	1.71	25.54	1.80	27.80	1.86	30.62	1.94
	68.0	13.34	1.50	16.16	1.58	18.98	1.66	21.80	1.73	25.19	1.82	27.45	1.88	30.27	1.96
	70.0	13.14	1.51	15.97	1.59	18.79	1.66	21.61	1.74	25.00	1.83	27.26	1.89	30.08	1.97
	71.6	12.99	1.52	15.81	1.60	18.64	1.67	21.46	1.75	24.85	1.84	27.10	1.90	29.93	1.97
	75.2	12.65	1.54	15.47	1.61	18.29	1.69	21.11	1.76	24.50	1.85	26.76	1.91	29.58	1.99
FTXS09L + FDXS09L	60.8	14.03	1.67	16.85	1.76	19.67	1.84	22.49	1.93	25.88	2.03	28.14	2.10	30.96	2.19
	64.4	13.68	1.69	16.50	1.78	19.33	1.86	22.15	1.95	25.54	2.05	27.80	2.12	30.62	2.21
	68.0	13.34	1.71	16.16	1.80	18.98	1.88	21.80	1.97	25.19	2.07	27.45	2.14	30.27	2.22
	70.0	13.14	1.72	15.97	1.81	18.79	1.89	21.61	1.98	25.00	2.08	27.26	2.15	30.08	2.23
	71.6	12.99	1.73	15.81	1.81	18.64	1.90	21.46	1.99	24.85	2.09	27.10	2.16	29.93	2.24
	75.2	12.65	1.75	15.47	1.83	18.29	1.92	21.11	2.00	24.50	2.11	26.76	2.18	29.58	2.26
FDXS09L + FDXS09L	60.8	14.03	1.87	16.85	1.97	19.67	2.07	22.49	2.16	25.88	2.28	28.14	2.35	30.96	2.45
	64.4	13.68	1.89	16.50	1.99	19.33	2.09	22.15	2.18	25.54	2.30	27.80	2.37	30.62	2.47
	68.0	13.34	1.92	16.16	2.01	18.98	2.11	21.80	2.20	25.19	2.32	27.45	2.40	30.27	2.49
	70.0	13.14	1.93	15.97	2.02	18.79	2.12	21.61	2.21	25.00	2.33	27.26	2.41	30.08	2.50
	71.6	12.99	1.94	15.81	2.03	18.64	2.13	21.46	2.22	24.85	2.34	27.10	2.42	29.93	2.51
	75.2	12.65	1.96	15.47	2.05	18.29	2.15	21.11	2.25	24.50	2.36	26.76	2.44	29.58	2.53
FTXS09L + FTXS12L	60.8	16.66	1.92	20.02	2.02	23.37	2.12	26.72	2.22	30.75	2.33	33.43	2.41	36.78	2.51
	64.4	16.25	1.94	19.61	2.04	22.96	2.14	26.31	2.24	30.34	2.36	33.02	2.44	36.37	2.53
	68.0	15.84	1.96	19.20	2.06	22.55	2.16	25.90	2.26	29.93	2.38	32.61	2.46	35.96	2.56
	70.0	15.61	1.98	18.97	2.08	22.32	2.17	25.68	2.27	29.70	2.39	32.38	2.47	35.74	2.57
	71.6	15.43	1.99	18.79	2.08	22.14	2.18	25.49	2.28	29.52	2.40	32.20	2.48	35.55	2.58
	75.2	15.02	2.01	18.38	2.11	21.73	2.20	25.08	2.30	29.11	2.42	31.79	2.50	35.14	2.60
FTXS09L + FDXS12L	60.8	15.99	2.03	19.21	2.14	22.43	2.24	25.64	2.35	29.51	2.47	32.08	2.56	35.30	2.66
	64.4	15.60	2.06	18.81	2.16	22.03	2.27	25.25	2.37	29.11	2.49	31.69	2.58	34.90	2.68
	68.0	15.20	2.08	18.42	2.18	21.64	2.29	24.86	2.39	28.72	2.52	31.29	2.60	34.51	2.70
	70.0	14.98	2.09	18.20	2.20	21.42	2.30	24.64	2.40	28.50	2.53	31.07	2.61	34.29	2.72
	71.6	14.81	2.10	18.03	2.21	21.25	2.31	24.46	2.42	28.33	2.54	30.90	2.62	34.12	2.73
	75.2	14.42	2.13	17.63	2.23	20.85	2.33	24.07	2.44	27.93	2.56	30.51	2.65	33.72	2.75
FDXS09L + FTXS12L	60.8	15.99	1.99	19.21	2.09	22.43	2.19	25.64	2.29	29.51	2.41	32.08	2.49	35.30	2.60
	64.4	15.60	2.01	18.81	2.11	22.03	2.21	25.25	2.31	29.11	2.44	31.69	2.52	34.90	2.62
	68.0	15.20	2.03	18.42	2.13	21.64	2.23	24.86	2.34	28.72	2.46	31.29	2.54	34.51	2.64
	70.0	14.98	2.04	18.20	2.14	21.42	2.25	24.64	2.35	28.50	2.47	31.07	2.55	34.29	2.65
	71.6	14.81	2.05	18.03	2.15	21.25	2.26	24.46	2.36	28.33	2.48	30.90	2.56	34.12	2.66
	75.2	14.42	2.07	17.63	2.18	20.85	2.28	24.07	2.38	27.93	2.50	30.51	2.58	33.72	2.69

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FDXS12L	60.8	15.32	2.18	18.40	2.29	21.48	2.40	24.56	2.51	28.26	2.65	30.73	2.74	33.81	2.85
	64.4	14.94	2.20	18.02	2.31	21.10	2.43	24.19	2.54	27.89	2.67	30.35	2.76	33.44	2.87
	68.0	14.56	2.23	17.64	2.34	20.73	2.45	23.81	2.56	27.51	2.70	29.98	2.79	33.06	2.90
	70.0	14.35	2.24	17.44	2.35	20.52	2.46	23.60	2.58	27.30	2.71	29.77	2.80	32.85	2.91
	71.6	14.19	2.25	17.27	2.36	20.35	2.48	23.43	2.59	27.13	2.72	29.60	2.81	32.68	2.92
	75.2	13.81	2.28	16.89	2.39	19.97	2.50	23.06	2.61	26.76	2.75	29.22	2.83	32.30	2.95
FTXS09L + FTXS15L	60.8	19.30	2.23	23.18	2.34	27.07	2.46	30.95	2.57	35.61	2.71	38.72	2.80	42.61	2.91
	64.4	18.82	2.25	22.71	2.37	26.59	2.48	30.48	2.59	35.14	2.73	38.25	2.82	42.13	2.94
	68.0	18.35	2.28	22.23	2.39	26.12	2.51	30.00	2.62	34.66	2.76	37.77	2.85	41.66	2.96
	70.0	18.09	2.29	21.97	2.40	25.85	2.52	29.74	2.63	34.40	2.77	37.51	2.86	41.39	2.98
	71.6	17.87	2.30	21.76	2.42	25.64	2.53	29.53	2.64	34.19	2.78	37.30	2.87	41.18	2.99
	75.2	17.40	2.33	21.28	2.44	25.17	2.56	29.05	2.67	33.71	2.81	36.82	2.90	40.71	3.01
FTXS09L + CDXS15L	60.8	18.01	2.37	21.63	2.49	25.26	2.61	28.88	2.74	33.23	2.88	36.13	2.98	39.76	3.10
	64.4	17.57	2.40	21.19	2.52	24.82	2.64	28.44	2.76	32.79	2.91	35.69	3.01	39.31	3.13
	68.0	17.12	2.43	20.75	2.55	24.37	2.67	28.00	2.79	32.35	2.94	35.25	3.03	38.87	3.15
	70.0	16.88	2.44	20.50	2.56	24.13	2.68	27.75	2.80	32.10	2.95	35.00	3.05	38.62	3.17
	71.6	16.68	2.45	20.30	2.57	23.93	2.69	27.55	2.82	31.90	2.96	34.80	3.06	38.43	3.18
	75.2	16.24	2.48	19.86	2.60	23.49	2.72	27.11	2.84	31.46	2.99	34.36	3.09	37.98	3.21
FDXS09L + FTXS15L	60.8	18.01	2.11	21.63	2.22	25.26	2.33	28.88	2.44	33.23	2.57	36.13	2.66	39.76	2.76
	64.4	17.57	2.14	21.19	2.25	24.82	2.35	28.44	2.46	32.79	2.59	35.69	2.68	39.31	2.79
	68.0	17.12	2.16	20.75	2.27	24.37	2.38	28.00	2.49	32.35	2.62	35.25	2.70	38.87	2.81
	70.0	16.88	2.18	20.50	2.28	24.13	2.39	27.75	2.50	32.10	2.63	35.00	2.72	38.62	2.82
	71.6	16.68	2.19	20.30	2.29	23.93	2.40	27.55	2.51	31.90	2.64	34.80	2.73	38.43	2.84
	75.2	16.24	2.21	19.86	2.32	23.49	2.43	27.11	2.53	31.46	2.66	34.36	2.75	37.98	2.86
FDXS09L + CDXS15L	60.8	16.66	2.33	20.02	2.45	23.37	2.57	26.72	2.69	30.75	2.83	33.43	2.93	36.78	3.05
	64.4	16.25	2.36	19.61	2.48	22.96	2.60	26.31	2.72	30.34	2.86	33.02	2.95	36.37	3.07
	68.0	15.84	2.38	19.20	2.50	22.55	2.62	25.90	2.74	29.93	2.89	32.61	2.98	35.96	3.10
	70.0	15.61	2.40	18.97	2.52	22.32	2.64	25.68	2.76	29.70	2.90	32.38	3.00	35.74	3.11
	71.6	15.43	2.41	18.79	2.53	22.14	2.65	25.49	2.77	29.52	2.91	32.20	3.01	35.55	3.13
	75.2	15.02	2.44	18.38	2.56	21.73	2.68	25.08	2.79	29.11	2.94	31.79	3.03	35.14	3.15
FTXS09L + FTXS18L	60.8	20.20	2.42	24.26	2.54	28.33	2.67	32.39	2.79	37.27	2.94	40.52	3.04	44.59	3.16
	64.4	19.70	2.45	23.77	2.57	27.83	2.70	31.90	2.82	36.77	2.97	40.03	3.07	44.09	3.19
	68.0	19.20	2.47	23.27	2.60	27.33	2.72	31.40	2.85	36.28	2.99	39.53	3.09	43.59	3.22
	70.0	18.93	2.49	22.99	2.61	27.06	2.74	31.12	2.86	36.00	3.01	39.25	3.11	43.32	3.23
	71.6	18.71	2.50	22.77	2.63	26.84	2.75	30.90	2.87	35.78	3.02	39.03	3.12	43.10	3.25
	75.2	18.21	2.53	22.27	2.65	26.34	2.78	30.40	2.90	35.28	3.05	38.53	3.15	42.60	3.27
FTXS09L + CDXS18L	60.8	19.07	2.53	22.91	2.66	26.75	2.79	30.59	2.92	35.20	3.08	38.27	3.18	42.11	3.31
	64.4	18.61	2.56	22.44	2.69	26.28	2.82	30.12	2.95	34.73	3.11	37.80	3.21	41.64	3.34
	68.0	18.14	2.59	21.98	2.72	25.81	2.85	29.65	2.98	34.26	3.13	37.33	3.24	41.17	3.37
	70.0	17.88	2.61	21.71	2.73	25.55	2.86	29.39	2.99	34.00	3.15	37.07	3.25	40.91	3.38
	71.6	17.67	2.62	21.51	2.75	25.35	2.88	29.18	3.01	33.79	3.16	36.86	3.27	40.70	3.40
	75.2	17.20	2.65	21.04	2.78	24.88	2.91	28.71	3.04	33.32	3.19	36.39	3.29	40.23	3.42
FDXS09L + FTXS18L	60.8	19.07	2.34	22.91	2.46	26.75	2.58	30.59	2.70	35.20	2.84	38.27	2.94	42.11	3.06
	64.4	18.61	2.37	22.44	2.49	26.28	2.61	30.12	2.73	34.73	2.87	37.80	2.97	41.64	3.08
	68.0	18.14	2.39	21.98	2.51	25.81	2.63	29.65	2.75	34.26	2.90	37.33	2.99	41.17	3.11
	70.0	17.88	2.41	21.71	2.53	25.55	2.65	29.39	2.77	34.00	2.91	37.07	3.01	40.91	3.13
	71.6	17.67	2.42	21.51	2.54	25.35	2.66	29.18	2.78	33.79	2.92	36.86	3.02	40.70	3.14
	75.2	17.20	2.44	21.04	2.56	24.88	2.68	28.71	2.80	33.32	2.95	36.39	3.04	40.23	3.16

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + CDXS18L	60.8	17.95	2.49	21.57	2.62	25.18	2.75	28.79	2.88	33.13	3.03	36.02	3.13	39.63	3.26
	64.4	17.51	2.52	21.12	2.65	24.74	2.78	28.35	2.90	32.69	3.06	35.58	3.16	39.19	3.29
	68.0	17.07	2.55	20.68	2.68	24.30	2.80	27.91	2.93	32.25	3.08	35.14	3.19	38.75	3.31
	70.0	16.82	2.56	20.44	2.69	24.05	2.82	27.66	2.95	32.00	3.10	34.89	3.20	38.50	3.33
	71.6	16.63	2.58	20.24	2.70	23.85	2.83	27.47	2.96	31.80	3.11	34.69	3.21	38.31	3.34
	75.2	16.19	2.60	19.80	2.73	23.41	2.86	27.03	2.99	31.36	3.14	34.25	3.24	37.87	3.37
FTXS12L + FTXS12L	60.8	19.30	2.41	23.18	2.54	27.07	2.66	30.95	2.78	35.61	2.93	38.72	3.03	42.61	3.15
	64.4	18.82	2.44	22.71	2.56	26.59	2.69	30.48	2.81	35.14	2.96	38.25	3.06	42.13	3.18
	68.0	18.35	2.47	22.23	2.59	26.12	2.71	30.00	2.84	34.66	2.98	37.77	3.08	41.66	3.21
	70.0	18.09	2.48	21.97	2.60	25.85	2.73	29.74	2.85	34.40	3.00	37.51	3.10	41.39	3.22
	71.6	17.87	2.49	21.76	2.62	25.64	2.74	29.53	2.86	34.19	3.01	37.30	3.11	41.18	3.23
	75.2	17.40	2.52	21.28	2.64	25.17	2.77	29.05	2.89	33.71	3.04	36.82	3.14	40.71	3.26
FDXS12L + FTXS12L	60.8	18.01	2.45	21.63	2.58	25.26	2.70	28.88	2.83	33.23	2.98	36.13	3.08	39.76	3.21
	64.4	17.57	2.48	21.19	2.61	24.82	2.73	28.44	2.86	32.79	3.01	35.69	3.11	39.31	3.23
	68.0	17.12	2.51	20.75	2.63	24.37	2.76	28.00	2.88	32.35	3.03	35.25	3.14	38.87	3.26
	70.0	16.88	2.52	20.50	2.65	24.13	2.77	27.75	2.90	32.10	3.05	35.00	3.15	38.62	3.28
	71.6	16.68	2.53	20.30	2.66	23.93	2.79	27.55	2.91	31.90	3.06	34.80	3.16	38.43	3.29
	75.2	16.24	2.56	19.86	2.69	23.49	2.81	27.11	2.94	31.46	3.09	34.36	3.19	37.98	3.32
FDXS12L + FDXS12L	60.8	16.66	2.50	20.02	2.63	23.37	2.76	26.72	2.88	30.75	3.04	33.43	3.14	36.78	3.27
	64.4	16.25	2.53	19.61	2.66	22.96	2.78	26.31	2.91	30.34	3.07	33.02	3.17	36.37	3.30
	68.0	15.84	2.56	19.20	2.68	22.55	2.81	25.90	2.94	29.93	3.09	32.61	3.20	35.96	3.32
	70.0	15.61	2.57	18.97	2.70	22.32	2.83	25.68	2.96	29.70	3.11	32.38	3.21	35.74	3.34
	71.6	15.43	2.58	18.79	2.71	22.14	2.84	25.49	2.97	29.52	3.12	32.20	3.22	35.55	3.35
	75.2	15.02	2.61	18.38	2.74	21.73	2.87	25.08	3.00	29.11	3.15	31.79	3.25	35.14	3.38
FTXS12L + FTXS15L	60.8	20.20	2.41	24.26	2.54	28.33	2.66	32.39	2.78	37.27	2.93	40.52	3.03	44.59	3.15
	64.4	19.70	2.44	23.77	2.56	27.83	2.69	31.90	2.81	36.77	2.96	40.03	3.06	44.09	3.18
	68.0	19.20	2.47	23.27	2.59	27.33	2.71	31.40	2.84	36.28	2.98	39.53	3.08	43.59	3.21
	70.0	18.93	2.48	22.99	2.60	27.06	2.73	31.12	2.85	36.00	3.00	39.25	3.10	43.32	3.22
	71.6	18.71	2.49	22.77	2.62	26.84	2.74	30.90	2.86	35.78	3.01	39.03	3.11	43.10	3.23
	75.2	18.21	2.52	22.27	2.64	26.34	2.77	30.40	2.89	35.28	3.04	38.53	3.14	42.60	3.26
FTXS12L + CDXS15L	60.8	19.07	2.49	22.91	2.62	26.75	2.75	30.59	2.88	35.20	3.03	38.27	3.13	42.11	3.26
	64.4	18.61	2.52	22.44	2.65	26.28	2.78	30.12	2.90	34.73	3.06	37.80	3.16	41.64	3.29
	68.0	18.14	2.55	21.98	2.68	25.81	2.80	29.65	2.93	34.26	3.08	37.33	3.19	41.17	3.31
	70.0	17.88	2.56	21.71	2.69	25.55	2.82	29.39	2.95	34.00	3.10	37.07	3.20	40.91	3.33
	71.6	17.67	2.58	21.51	2.70	25.35	2.83	29.18	2.96	33.79	3.11	36.86	3.21	40.70	3.34
	75.2	17.20	2.60	21.04	2.73	24.88	2.86	28.71	2.99	33.32	3.14	36.39	3.24	40.23	3.37
FDXS12L + FTXS15L	60.8	19.07	2.36	22.91	2.48	26.75	2.60	30.59	2.72	35.20	2.86	38.27	2.96	42.11	3.08
	64.4	18.61	2.38	22.44	2.50	26.28	2.62	30.12	2.74	34.73	2.89	37.80	2.99	41.64	3.11
	68.0	18.14	2.41	21.98	2.53	25.81	2.65	29.65	2.77	34.26	2.92	37.33	3.01	41.17	3.13
	70.0	17.88	2.42	21.71	2.54	25.55	2.66	29.39	2.79	34.00	2.93	37.07	3.03	40.91	3.15
	71.6	17.67	2.43	21.51	2.56	25.35	2.68	29.18	2.80	33.79	2.94	36.86	3.04	40.70	3.16
	75.2	17.20	2.46	21.04	2.58	24.88	2.70	28.71	2.82	33.32	2.97	36.39	3.06	40.23	3.19
FDXS12L + CDXS15L	60.8	17.95	2.50	21.57	2.63	25.18	2.76	28.79	2.88	33.13	3.04	36.02	3.14	39.63	3.27
	64.4	17.51	2.53	21.12	2.66	24.74	2.78	28.35	2.91	32.69	3.07	35.58	3.17	39.19	3.30
	68.0	17.07	2.56	20.68	2.68	24.30	2.81	27.91	2.94	32.25	3.09	35.14	3.20	38.75	3.32
	70.0	16.82	2.57	20.44	2.70	24.05	2.83	27.66	2.96	32.00	3.11	34.89	3.21	38.50	3.34
	71.6	16.63	2.58	20.24	2.71	23.85	2.84	27.47	2.97	31.80	3.12	34.69	3.22	38.31	3.35
	75.2	16.19	2.61	19.80	2.74	23.41	2.87	27.03	3.00	31.36	3.15	34.25	3.25	37.87	3.38

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS12L + FTXS18L	60.8	20.20	2.40	24.26	2.53	28.33	2.65	32.39	2.77	37.27	2.92	40.52	3.02	44.59	3.14
	64.4	19.70	2.43	23.77	2.55	27.83	2.68	31.90	2.80	36.77	2.95	40.03	3.05	44.09	3.17
	68.0	19.20	2.46	23.27	2.58	27.33	2.70	31.40	2.83	36.28	2.98	39.53	3.07	43.59	3.20
	70.0	18.93	2.47	22.99	2.60	27.06	2.72	31.12	2.84	36.00	2.99	39.25	3.09	43.32	3.21
	71.6	18.71	2.48	22.77	2.61	26.84	2.73	30.90	2.85	35.78	3.00	39.03	3.10	43.10	3.22
	75.2	18.21	2.51	22.27	2.63	26.34	2.76	30.40	2.88	35.28	3.03	38.53	3.13	42.60	3.25
FTXS12L + CDXS18L	60.8	19.07	2.53	22.91	2.66	26.75	2.79	30.59	2.92	35.20	3.08	38.27	3.18	42.11	3.31
	64.4	18.61	2.56	22.44	2.69	26.28	2.82	30.12	2.95	34.73	3.11	37.80	3.21	41.64	3.34
	68.0	18.14	2.59	21.98	2.72	25.81	2.85	29.65	2.98	34.26	3.13	37.33	3.24	41.17	3.37
	70.0	17.88	2.61	21.71	2.73	25.55	2.86	29.39	2.99	34.00	3.15	37.07	3.25	40.91	3.38
	71.6	17.67	2.62	21.51	2.75	25.35	2.88	29.18	3.01	33.79	3.16	36.86	3.27	40.70	3.40
	75.2	17.20	2.65	21.04	2.78	24.88	2.91	28.71	3.04	33.32	3.19	36.39	3.29	40.23	3.42
FDXS12L + FTXS18L	60.8	19.07	2.34	22.91	2.46	26.75	2.58	30.59	2.70	35.20	2.84	38.27	2.94	42.11	3.06
	64.4	18.61	2.37	22.44	2.49	26.28	2.61	30.12	2.73	34.73	2.87	37.80	2.97	41.64	3.08
	68.0	18.14	2.39	21.98	2.51	25.81	2.63	29.65	2.75	34.26	2.90	37.33	2.99	41.17	3.11
	70.0	17.88	2.41	21.71	2.53	25.55	2.65	29.39	2.77	34.00	2.91	37.07	3.01	40.91	3.13
	71.6	17.67	2.42	21.51	2.54	25.35	2.66	29.18	2.78	33.79	2.92	36.86	3.02	40.70	3.14
	75.2	17.20	2.44	21.04	2.56	24.88	2.68	28.71	2.80	33.32	2.95	36.39	3.04	40.23	3.16
FDXS12L + CDXS18L	60.8	17.95	2.49	21.57	2.62	25.18	2.75	28.79	2.88	33.13	3.03	36.02	3.13	39.63	3.26
	64.4	17.51	2.52	21.12	2.65	24.74	2.78	28.35	2.90	32.69	3.06	35.58	3.16	39.19	3.29
	68.0	17.07	2.55	20.68	2.68	24.30	2.80	27.91	2.93	32.25	3.08	35.14	3.19	38.75	3.31
	70.0	16.82	2.56	20.44	2.69	24.05	2.82	27.66	2.95	32.00	3.10	34.89	3.20	38.50	3.33
	71.6	16.63	2.58	20.24	2.70	23.85	2.83	27.47	2.96	31.80	3.11	34.69	3.21	38.31	3.34
	75.2	16.19	2.60	19.80	2.73	23.41	2.86	27.03	2.99	31.36	3.14	34.25	3.24	37.87	3.37
FTXS15L + FTXS15L	60.8	20.20	2.40	24.26	2.52	28.33	2.64	32.39	2.76	37.27	2.91	40.52	3.01	44.59	3.13
	64.4	19.70	2.42	23.77	2.55	27.83	2.67	31.90	2.79	36.77	2.94	40.03	3.04	44.09	3.16
	68.0	19.20	2.45	23.27	2.57	27.33	2.70	31.40	2.82	36.28	2.97	39.53	3.06	43.59	3.19
	70.0	18.93	2.46	22.99	2.59	27.06	2.71	31.12	2.83	36.00	2.98	39.25	3.08	43.32	3.20
	71.6	18.71	2.48	22.77	2.60	26.84	2.72	30.90	2.84	35.78	2.99	39.03	3.09	43.10	3.21
	75.2	18.21	2.50	22.27	2.63	26.34	2.75	30.40	2.87	35.28	3.02	38.53	3.12	42.60	3.24
CDXS15L + FTXS15L	60.8	19.07	2.31	22.91	2.43	26.75	2.54	30.59	2.66	35.20	2.80	38.27	2.90	42.11	3.02
	64.4	18.61	2.33	22.44	2.45	26.28	2.57	30.12	2.69	34.73	2.83	37.80	2.92	41.64	3.04
	68.0	18.14	2.36	21.98	2.48	25.81	2.60	29.65	2.71	34.26	2.86	37.33	2.95	41.17	3.07
	70.0	17.88	2.37	21.71	2.49	25.55	2.61	29.39	2.73	34.00	2.87	37.07	2.96	40.91	3.08
	71.6	17.67	2.39	21.51	2.50	25.35	2.62	29.18	2.74	33.79	2.88	36.86	2.98	40.70	3.09
	75.2	17.20	2.41	21.04	2.53	24.88	2.65	28.71	2.77	33.32	2.91	36.39	3.00	40.23	3.12
CDXS15L + CDXS15L	60.8	17.95	2.49	21.57	2.62	25.18	2.75	28.79	2.88	33.13	3.03	36.02	3.13	39.63	3.26
	64.4	17.51	2.52	21.12	2.65	24.74	2.78	28.35	2.90	32.69	3.06	35.58	3.16	39.19	3.29
	68.0	17.07	2.55	20.68	2.68	24.30	2.80	27.91	2.93	32.25	3.08	35.14	3.19	38.75	3.31
	70.0	16.82	2.56	20.44	2.69	24.05	2.82	27.66	2.95	32.00	3.10	34.89	3.20	38.50	3.33
	71.6	16.63	2.58	20.24	2.70	23.85	2.83	27.47	2.96	31.80	3.11	34.69	3.21	38.31	3.34
	75.2	16.19	2.60	19.80	2.73	23.41	2.86	27.03	2.99	31.36	3.14	34.25	3.24	37.87	3.37
FTXS15L + FTXS18L	60.8	20.20	2.40	24.26	2.53	28.33	2.65	32.39	2.77	37.27	2.92	40.52	3.02	44.59	3.14
	64.4	19.70	2.43	23.77	2.55	27.83	2.68	31.90	2.80	36.77	2.95	40.03	3.05	44.09	3.17
	68.0	19.20	2.46	23.27	2.58	27.33	2.70	31.40	2.83	36.28	2.98	39.53	3.07	43.59	3.20
	70.0	18.93	2.47	22.99	2.60	27.06	2.72	31.12	2.84	36.00	2.99	39.25	3.09	43.32	3.21
	71.6	18.71	2.48	22.77	2.61	26.84	2.73	30.90	2.85	35.78	3.00	39.03	3.10	43.10	3.22
	75.2	18.21	2.51	22.27	2.63	26.34	2.76	30.40	2.88	35.28	3.03	38.53	3.13	42.60	3.25

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS15L + CDXS18L	60.8	19.07	2.30	22.91	2.42	26.75	2.54	30.59	2.65	35.20	2.79	38.27	2.89	42.11	3.01
	64.4	18.61	2.33	22.44	2.44	26.28	2.56	30.12	2.68	34.73	2.82	37.80	2.91	41.64	3.03
	68.0	18.14	2.35	21.98	2.47	25.81	2.59	29.65	2.70	34.26	2.85	37.33	2.94	41.17	3.06
	70.0	17.88	2.37	21.71	2.48	25.55	2.60	29.39	2.72	34.00	2.86	37.07	2.95	40.91	3.07
	71.6	17.67	2.38	21.51	2.49	25.35	2.61	29.18	2.73	33.79	2.87	36.86	2.97	40.70	3.08
	75.2	17.20	2.40	21.04	2.52	24.88	2.64	28.71	2.76	33.32	2.90	36.39	2.99	40.23	3.11
CDXS15L + FTXS18L	60.8	19.07	2.29	22.91	2.41	26.75	2.53	30.59	2.64	35.20	2.78	38.27	2.88	42.11	3.00
	64.4	18.61	2.32	22.44	2.43	26.28	2.55	30.12	2.67	34.73	2.81	37.80	2.90	41.64	3.02
	68.0	18.14	2.34	21.98	2.46	25.81	2.58	29.65	2.69	34.26	2.84	37.33	2.93	41.17	3.05
	70.0	17.88	2.36	21.71	2.47	25.55	2.59	29.39	2.71	34.00	2.85	37.07	2.94	40.91	3.06
	71.6	17.67	2.37	21.51	2.49	25.35	2.60	29.18	2.72	33.79	2.86	36.86	2.96	40.70	3.07
	75.2	17.20	2.39	21.04	2.51	24.88	2.63	28.71	2.75	33.32	2.89	36.39	2.98	40.23	3.10
CDXS15L + CDXS18L	60.8	17.95	2.48	21.57	2.61	25.18	2.74	28.79	2.87	33.13	3.02	36.02	3.12	39.63	3.25
	64.4	17.51	2.51	21.12	2.64	24.74	2.77	28.35	2.89	32.69	3.05	35.58	3.15	39.19	3.28
	68.0	17.07	2.54	20.68	2.67	24.30	2.79	27.91	2.92	32.25	3.07	35.14	3.18	38.75	3.30
	70.0	16.82	2.56	20.44	2.68	24.05	2.81	27.66	2.94	32.00	3.09	34.89	3.19	38.50	3.32
	71.6	16.63	2.57	20.24	2.70	23.85	2.82	27.47	2.95	31.80	3.10	34.69	3.20	38.31	3.33
	75.2	16.19	2.60	19.80	2.72	23.41	2.85	27.03	2.98	31.36	3.13	34.25	3.23	37.87	3.36
FTXS18L + FTXS18L	60.8	20.20	2.41	24.26	2.54	28.33	2.66	32.39	2.78	37.27	2.93	40.52	3.03	44.59	3.15
	64.4	19.70	2.44	23.77	2.56	27.83	2.69	31.90	2.81	36.77	2.96	40.03	3.06	44.09	3.18
	68.0	19.20	2.47	23.27	2.59	27.33	2.71	31.40	2.84	36.28	2.98	39.53	3.08	43.59	3.21
	70.0	18.93	2.48	22.99	2.60	27.06	2.73	31.12	2.85	36.00	3.00	39.25	3.10	43.32	3.22
	71.6	18.71	2.49	22.77	2.62	26.84	2.74	30.90	2.86	35.78	3.01	39.03	3.11	43.10	3.23
	75.2	18.21	2.52	22.27	2.64	26.34	2.77	30.40	2.89	35.28	3.04	38.53	3.14	42.60	3.26
CDXS18L + FTXS18L	60.8	19.07	2.28	22.91	2.40	26.75	2.52	30.59	2.63	35.20	2.77	38.27	2.87	42.11	2.99
	64.4	18.61	2.31	22.44	2.43	26.28	2.54	30.12	2.66	34.73	2.80	37.80	2.89	41.64	3.01
	68.0	18.14	2.33	21.98	2.45	25.81	2.57	29.65	2.69	34.26	2.83	37.33	2.92	41.17	3.04
	70.0	17.88	2.35	21.71	2.47	25.55	2.58	29.39	2.70	34.00	2.84	37.07	2.93	40.91	3.05
	71.6	17.67	2.36	21.51	2.48	25.35	2.59	29.18	2.71	33.79	2.85	36.86	2.94	40.70	3.06
	75.2	17.20	2.39	21.04	2.50	24.88	2.62	28.71	2.74	33.32	2.88	36.39	2.97	40.23	3.09
CDXS18L + CDXS18L	60.8	17.95	2.48	21.57	2.60	25.18	2.73	28.79	2.86	33.13	3.01	36.02	3.11	39.63	3.24
	64.4	17.51	2.50	21.12	2.63	24.74	2.76	28.35	2.88	32.69	3.04	35.58	3.14	39.19	3.27
	68.0	17.07	2.53	20.68	2.66	24.30	2.79	27.91	2.91	32.25	3.06	35.14	3.17	38.75	3.29
	70.0	16.82	2.55	20.44	2.67	24.05	2.80	27.66	2.93	32.00	3.08	34.89	3.18	38.50	3.31
	71.6	16.63	2.56	20.24	2.69	23.85	2.81	27.47	2.94	31.80	3.09	34.69	3.19	38.31	3.32
	75.2	16.19	2.59	19.80	2.71	23.41	2.84	27.03	2.97	31.36	3.12	34.25	3.22	37.87	3.35
CTXS07L + CTXS07L + CTXS07L	60.8	16.66	1.72	20.02	1.81	23.37	1.90	26.72	1.98	30.75	2.09	33.43	2.16	36.78	2.25
	64.4	16.25	1.74	19.61	1.83	22.96	1.92	26.31	2.00	30.34	2.11	33.02	2.18	36.37	2.27
	68.0	15.84	1.76	19.20	1.85	22.55	1.94	25.90	2.02	29.93	2.13	32.61	2.20	35.96	2.29
	70.0	15.61	1.77	18.97	1.86	22.32	1.95	25.68	2.03	29.70	2.14	32.38	2.21	35.74	2.30
	71.6	15.43	1.78	18.79	1.87	22.14	1.95	25.49	2.04	29.52	2.15	32.20	2.22	35.55	2.31
	75.2	15.02	1.80	18.38	1.89	21.73	1.97	25.08	2.06	29.11	2.17	31.79	2.24	35.14	2.33
CTXS07L + CTXS07L + FTXS09L	60.8	18.46	2.04	22.17	2.15	25.89	2.25	29.60	2.36	34.06	2.48	37.03	2.57	40.75	2.67
	64.4	18.00	2.07	21.72	2.17	25.43	2.27	29.15	2.38	33.61	2.50	36.58	2.59	40.29	2.69
	68.0	17.55	2.09	21.26	2.19	24.98	2.30	28.69	2.40	33.15	2.53	36.12	2.61	39.84	2.72
	70.0	17.30	2.10	21.01	2.21	24.73	2.31	28.44	2.41	32.90	2.54	35.87	2.62	39.59	2.73
	71.6	17.10	2.11	20.81	2.22	24.53	2.32	28.24	2.42	32.70	2.55	35.67	2.63	39.39	2.74
	75.2	16.64	2.13	20.36	2.24	24.07	2.34	27.79	2.45	32.24	2.57	35.22	2.66	38.93	2.76

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CTXS07L + FDXS09L	60.8	17.73	1.99	21.30	2.09	24.86	2.19	28.43	2.29	32.72	2.41	35.57	2.49	39.14	2.60
	64.4	17.29	2.01	20.86	2.11	24.43	2.21	28.00	2.31	32.28	2.44	35.13	2.52	38.70	2.62
	68.0	16.86	2.03	20.42	2.13	23.99	2.23	27.56	2.34	31.84	2.46	34.70	2.54	38.27	2.64
	70.0	16.61	2.04	20.18	2.14	23.75	2.25	27.32	2.35	31.60	2.47	34.45	2.55	38.02	2.65
	71.6	16.42	2.05	19.99	2.15	23.56	2.26	27.12	2.36	31.41	2.48	34.26	2.56	37.83	2.66
	75.2	15.98	2.07	19.55	2.18	23.12	2.28	26.69	2.38	30.97	2.50	33.82	2.58	37.39	2.69
CTXS07L + CTXS07L + FTXS12L	60.8	20.20	2.39	24.26	2.51	28.33	2.63	32.39	2.75	37.27	2.90	40.52	3.00	44.59	3.12
	64.4	19.70	2.41	23.77	2.54	27.83	2.66	31.90	2.78	36.77	2.93	40.03	3.03	44.09	3.15
	68.0	19.20	2.44	23.27	2.56	27.33	2.69	31.40	2.81	36.28	2.96	39.53	3.05	43.59	3.18
	70.0	18.93	2.46	22.99	2.58	27.06	2.70	31.12	2.82	36.00	2.97	39.25	3.07	43.32	3.19
	71.6	18.71	2.47	22.77	2.59	26.84	2.71	30.90	2.84	35.78	2.98	39.03	3.08	43.10	3.20
	75.2	18.21	2.49	22.27	2.62	26.34	2.74	30.40	2.86	35.28	3.01	38.53	3.11	42.60	3.23
CTXS07L + CTXS07L + FDXS12L	60.8	19.30	2.30	23.18	2.42	27.07	2.54	30.95	2.65	35.61	2.79	38.72	2.89	42.61	3.01
	64.4	18.82	2.33	22.71	2.44	26.59	2.56	30.48	2.68	35.14	2.82	38.25	2.91	42.13	3.03
	68.0	18.35	2.35	22.23	2.47	26.12	2.59	30.00	2.70	34.66	2.85	37.77	2.94	41.66	3.06
	70.0	18.09	2.37	21.97	2.48	25.85	2.60	29.74	2.72	34.40	2.86	37.51	2.95	41.39	3.07
	71.6	17.87	2.38	21.76	2.49	25.64	2.61	29.53	2.73	34.19	2.87	37.30	2.97	41.18	3.08
	75.2	17.40	2.40	21.28	2.52	25.17	2.64	29.05	2.76	33.71	2.90	36.82	2.99	40.71	3.11
CTXS07L + CTXS07L + FTXS15L	60.8	20.20	2.43	24.26	2.55	28.33	2.68	32.39	2.80	37.27	2.95	40.52	3.05	44.59	3.17
	64.4	19.70	2.46	23.77	2.58	27.83	2.70	31.90	2.83	36.77	2.98	40.03	3.08	44.09	3.20
	68.0	19.20	2.48	23.27	2.61	27.33	2.73	31.40	2.86	36.28	3.00	39.53	3.10	43.59	3.23
	70.0	18.93	2.50	22.99	2.62	27.06	2.75	31.12	2.87	36.00	3.02	39.25	3.12	43.32	3.24
	71.6	18.71	2.51	22.77	2.63	26.84	2.76	30.90	2.88	35.78	3.03	39.03	3.13	43.10	3.26
	75.2	18.21	2.54	22.27	2.66	26.34	2.79	30.40	2.91	35.28	3.06	38.53	3.16	42.60	3.28
CTXS07L + CTXS07L + CDXS15L	60.8	19.47	2.36	23.39	2.48	27.30	2.60	31.22	2.72	35.92	2.86	39.06	2.96	42.98	3.08
	64.4	18.99	2.38	22.91	2.50	26.83	2.62	30.74	2.74	35.45	2.89	38.58	2.99	42.50	3.11
	68.0	18.51	2.41	22.43	2.53	26.35	2.65	30.26	2.77	34.97	2.92	38.10	3.01	42.02	3.13
	70.0	18.24	2.42	22.16	2.54	26.08	2.66	30.00	2.79	34.70	2.93	37.83	3.03	41.75	3.15
	71.6	18.03	2.43	21.95	2.56	25.87	2.68	29.79	2.80	34.49	2.94	37.62	3.04	41.54	3.16
	75.2	17.55	2.46	21.47	2.58	25.39	2.70	29.31	2.82	34.01	2.97	37.14	3.06	41.06	3.19
CTXS07L + CTXS07L + FTXS18L	60.8	20.20	2.44	24.26	2.57	28.33	2.69	32.39	2.82	37.27	2.97	40.52	3.07	44.59	3.20
	64.4	19.70	2.47	23.77	2.60	27.83	2.72	31.90	2.85	36.77	3.00	40.03	3.10	44.09	3.22
	68.0	19.20	2.50	23.27	2.62	27.33	2.75	31.40	2.87	36.28	3.02	39.53	3.12	43.59	3.25
	70.0	18.93	2.51	22.99	2.64	27.06	2.76	31.12	2.89	36.00	3.04	39.25	3.14	43.32	3.27
	71.6	18.71	2.53	22.77	2.65	26.84	2.78	30.90	2.90	35.78	3.05	39.03	3.15	43.10	3.28
	75.2	18.21	2.55	22.27	2.68	26.34	2.80	30.40	2.93	35.28	3.08	38.53	3.18	42.60	3.30
CTXS07L + CTXS07L + CDXS18L	60.8	19.47	2.35	23.39	2.47	27.30	2.59	31.22	2.71	35.92	2.85	39.06	2.95	42.98	3.07
	64.4	18.99	2.37	22.91	2.49	26.83	2.61	30.74	2.73	35.45	2.88	38.58	2.98	42.50	3.10
	68.0	18.51	2.40	22.43	2.52	26.35	2.64	30.26	2.76	34.97	2.91	38.10	3.00	42.02	3.12
	70.0	18.24	2.41	22.16	2.54	26.08	2.66	30.00	2.78	34.70	2.92	37.83	3.02	41.75	3.14
	71.6	18.03	2.43	21.95	2.55	25.87	2.67	29.79	2.79	34.49	2.93	37.62	3.03	41.54	3.15
	75.2	17.55	2.45	21.47	2.57	25.39	2.69	29.31	2.81	34.01	2.96	37.14	3.05	41.06	3.17
CTXS07L + FTXS09L + FTXS09L	60.8	20.20	2.39	24.26	2.51	28.33	2.63	32.39	2.75	37.27	2.90	40.52	3.00	44.59	3.12
	64.4	19.70	2.41	23.77	2.54	27.83	2.66	31.90	2.78	36.77	2.93	40.03	3.03	44.09	3.15
	68.0	19.20	2.44	23.27	2.56	27.33	2.69	31.40	2.81	36.28	2.96	39.53	3.05	43.59	3.18
	70.0	18.93	2.46	22.99	2.58	27.06	2.70	31.12	2.82	36.00	2.97	39.25	3.07	43.32	3.19
	71.6	18.71	2.47	22.77	2.59	26.84	2.71	30.90	2.84	35.78	2.98	39.03	3.08	43.10	3.20
	75.2	18.21	2.49	22.27	2.62	26.34	2.74	30.40	2.86	35.28	3.01	38.53	3.11	42.60	3.23

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS09L + FDXS09L	60.8	19.13	2.24	22.98	2.35	26.83	2.46	30.68	2.58	35.30	2.72	38.38	2.81	42.23	2.92
	64.4	18.66	2.26	22.51	2.37	26.36	2.49	30.21	2.60	34.83	2.74	37.91	2.83	41.76	2.95
	68.0	18.19	2.29	22.04	2.40	25.89	2.51	29.74	2.63	34.36	2.77	37.44	2.86	41.29	2.97
	70.0	17.93	2.30	21.78	2.41	25.63	2.53	29.48	2.64	34.10	2.78	37.18	2.87	41.03	2.99
	71.6	17.72	2.31	21.57	2.42	25.42	2.54	29.27	2.65	33.89	2.79	36.97	2.88	40.82	3.00
	75.2	17.25	2.34	21.10	2.45	24.95	2.56	28.80	2.68	33.42	2.82	36.50	2.91	40.35	3.02
CTXS07L + FDXS09L + FDXS09L	60.8	18.12	2.20	21.77	2.32	25.42	2.43	29.06	2.54	33.44	2.68	36.36	2.77	40.00	2.88
	64.4	17.68	2.23	21.32	2.34	24.97	2.45	28.62	2.57	32.99	2.70	35.91	2.79	39.56	2.90
	68.0	17.23	2.25	20.88	2.37	24.52	2.48	28.17	2.59	32.55	2.73	35.47	2.82	39.11	2.93
	70.0	16.98	2.27	20.63	2.38	24.28	2.49	27.92	2.60	32.30	2.74	35.22	2.83	38.87	2.94
	71.6	16.78	2.28	20.43	2.39	24.08	2.50	27.73	2.62	32.10	2.75	35.02	2.84	38.67	2.95
	75.2	16.34	2.30	19.98	2.41	23.63	2.53	27.28	2.64	31.66	2.78	34.57	2.87	38.22	2.98
CTXS07L + FTXS09L + FTXS12L	60.8	20.20	2.38	24.26	2.50	28.33	2.62	32.39	2.75	37.27	2.89	40.52	2.99	44.59	3.11
	64.4	19.70	2.41	23.77	2.53	27.83	2.65	31.90	2.77	36.77	2.92	40.03	3.02	44.09	3.14
	68.0	19.20	2.43	23.27	2.56	27.33	2.68	31.40	2.80	36.28	2.95	39.53	3.04	43.59	3.16
	70.0	18.93	2.45	22.99	2.57	27.06	2.69	31.12	2.81	36.00	2.96	39.25	3.06	43.32	3.18
	71.6	18.71	2.46	22.77	2.58	26.84	2.70	30.90	2.83	35.78	2.97	39.03	3.07	43.10	3.19
	75.2	18.21	2.49	22.27	2.61	26.34	2.73	30.40	2.85	35.28	3.00	38.53	3.10	42.60	3.22
CTXS07L + FTXS09L + FDXS12L	60.8	19.47	2.32	23.39	2.43	27.30	2.55	31.22	2.67	35.92	2.81	39.06	2.91	42.98	3.03
	64.4	18.99	2.34	22.91	2.46	26.83	2.58	30.74	2.70	35.45	2.84	38.58	2.93	42.50	3.05
	68.0	18.51	2.37	22.43	2.49	26.35	2.60	30.26	2.72	34.97	2.87	38.10	2.96	42.02	3.08
	70.0	18.24	2.38	22.16	2.50	26.08	2.62	30.00	2.74	34.70	2.88	37.83	2.97	41.75	3.09
	71.6	18.03	2.39	21.95	2.51	25.87	2.63	29.79	2.75	34.49	2.89	37.62	2.99	41.54	3.11
	75.2	17.55	2.42	21.47	2.54	25.39	2.66	29.31	2.78	34.01	2.92	37.14	3.01	41.06	3.13
CTXS07L + FDXS09L + FTXS12L	60.8	19.47	2.29	23.39	2.41	27.30	2.53	31.22	2.64	35.92	2.78	39.06	2.88	42.98	3.00
	64.4	18.99	2.32	22.91	2.43	26.83	2.55	30.74	2.67	35.45	2.81	38.58	2.90	42.50	3.02
	68.0	18.51	2.34	22.43	2.46	26.35	2.58	30.26	2.69	34.97	2.84	38.10	2.93	42.02	3.05
	70.0	18.24	2.36	22.16	2.47	26.08	2.59	30.00	2.71	34.70	2.85	37.83	2.94	41.75	3.06
	71.6	18.03	2.37	21.95	2.49	25.87	2.60	29.79	2.72	34.49	2.86	37.62	2.96	41.54	3.07
	75.2	17.55	2.39	21.47	2.51	25.39	2.63	29.31	2.75	34.01	2.89	37.14	2.98	41.06	3.10
CTXS07L + FDXS09L + FDXS12L	60.8	18.68	2.32	22.44	2.44	26.20	2.56	29.96	2.68	34.47	2.82	37.48	2.92	41.24	3.04
	64.4	18.22	2.35	21.98	2.47	25.74	2.59	29.50	2.71	34.02	2.85	37.02	2.94	40.78	3.06
	68.0	17.76	2.38	21.52	2.49	25.28	2.61	29.04	2.73	33.56	2.88	36.56	2.97	40.32	3.09
	70.0	17.51	2.39	21.27	2.51	25.03	2.63	28.79	2.75	33.30	2.89	36.31	2.99	40.07	3.10
	71.6	17.30	2.40	21.06	2.52	24.82	2.64	28.58	2.76	33.10	2.90	36.10	3.00	39.86	3.12
	75.2	16.84	2.43	20.60	2.55	24.36	2.67	28.12	2.78	32.64	2.93	35.64	3.02	39.40	3.14
CTXS07L + FTXS09L + FTXS15L	60.8	20.20	2.45	24.26	2.58	28.33	2.70	32.39	2.83	37.27	2.98	40.52	3.08	44.59	3.21
	64.4	19.70	2.48	23.77	2.61	27.83	2.73	31.90	2.86	36.77	3.01	40.03	3.11	44.09	3.23
	68.0	19.20	2.51	23.27	2.63	27.33	2.76	31.40	2.88	36.28	3.03	39.53	3.14	43.59	3.26
	70.0	18.93	2.52	22.99	2.65	27.06	2.77	31.12	2.90	36.00	3.05	39.25	3.15	43.32	3.28
	71.6	18.71	2.53	22.77	2.66	26.84	2.79	30.90	2.91	35.78	3.06	39.03	3.16	43.10	3.29
	75.2	18.21	2.56	22.27	2.69	26.34	2.81	30.40	2.94	35.28	3.09	38.53	3.19	42.60	3.32
CTXS07L + FTXS09L + CDXS15L	60.8	19.47	2.34	23.39	2.46	27.30	2.58	31.22	2.70	35.92	2.84	39.06	2.94	42.98	3.06
	64.4	18.99	2.37	22.91	2.49	26.83	2.61	30.74	2.73	35.45	2.87	38.58	2.97	42.50	3.08
	68.0	18.51	2.39	22.43	2.51	26.35	2.63	30.26	2.75	34.97	2.90	38.10	2.99	42.02	3.11
	70.0	18.24	2.41	22.16	2.53	26.08	2.65	30.00	2.77	34.70	2.91	37.83	3.01	41.75	3.13
	71.6	18.03	2.42	21.95	2.54	25.87	2.66	29.79	2.78	34.49	2.92	37.62	3.02	41.54	3.14
	75.2	17.55	2.44	21.47	2.56	25.39	2.68	29.31	2.80	34.01	2.95	37.14	3.04	41.06	3.16

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FDXS09L + FTXS15L	60.8	19.47	2.28	23.39	2.39	27.30	2.51	31.22	2.62	35.92	2.76	39.06	2.86	42.98	2.97
	64.4	18.99	2.30	22.91	2.42	26.83	2.53	30.74	2.65	35.45	2.79	38.58	2.88	42.50	3.00
	68.0	18.51	2.33	22.43	2.44	26.35	2.56	30.26	2.68	34.97	2.82	38.10	2.91	42.02	3.03
	70.0	18.24	2.34	22.16	2.46	26.08	2.57	30.00	2.69	34.70	2.83	37.83	2.92	41.75	3.04
	71.6	18.03	2.35	21.95	2.47	25.87	2.58	29.79	2.70	34.49	2.84	37.62	2.93	41.54	3.05
	75.2	17.55	2.38	21.47	2.49	25.39	2.61	29.31	2.73	34.01	2.87	37.14	2.96	41.06	3.08
CTXS07L + FDXS09L + CDXS15L	60.8	18.68	2.28	22.44	2.39	26.20	2.51	29.96	2.62	34.47	2.76	37.48	2.86	41.24	2.97
	64.4	18.22	2.30	21.98	2.42	25.74	2.53	29.50	2.65	34.02	2.79	37.02	2.88	40.78	3.00
	68.0	17.76	2.33	21.52	2.44	25.28	2.56	29.04	2.68	33.56	2.82	36.56	2.91	40.32	3.03
	70.0	17.51	2.34	21.27	2.46	25.03	2.57	28.79	2.69	33.30	2.83	36.31	2.92	40.07	3.04
	71.6	17.30	2.35	21.06	2.47	24.82	2.58	28.58	2.70	33.10	2.84	36.10	2.93	39.86	3.05
	75.2	16.84	2.38	20.60	2.49	24.36	2.61	28.12	2.73	32.64	2.87	35.64	2.96	39.40	3.08
CTXS07L + FTXS09L + FTXS18L	60.8	20.20	2.47	24.26	2.59	28.33	2.72	32.39	2.85	37.27	3.00	40.52	3.10	44.59	3.23
	64.4	19.70	2.50	23.77	2.62	27.83	2.75	31.90	2.88	36.77	3.03	40.03	3.13	44.09	3.25
	68.0	19.20	2.52	23.27	2.65	27.33	2.78	31.40	2.90	36.28	3.05	39.53	3.16	43.59	3.28
	70.0	18.93	2.54	22.99	2.67	27.06	2.79	31.12	2.92	36.00	3.07	39.25	3.17	43.32	3.30
	71.6	18.71	2.55	22.77	2.68	26.84	2.80	30.90	2.93	35.78	3.08	39.03	3.18	43.10	3.31
	75.2	18.21	2.58	22.27	2.71	26.34	2.83	30.40	2.96	35.28	3.11	38.53	3.21	42.60	3.34
CTXS07L + FTXS09L + CDXS18L	60.8	19.47	2.33	23.39	2.45	27.30	2.57	31.22	2.69	35.92	2.83	39.06	2.93	42.98	3.05
	64.4	18.99	2.36	22.91	2.48	26.83	2.60	30.74	2.72	35.45	2.86	38.58	2.95	42.50	3.07
	68.0	18.51	2.38	22.43	2.50	26.35	2.62	30.26	2.74	34.97	2.89	38.10	2.98	42.02	3.10
	70.0	18.24	2.40	22.16	2.52	26.08	2.64	30.00	2.76	34.70	2.90	37.83	3.00	41.75	3.11
	71.6	18.03	2.41	21.95	2.53	25.87	2.65	29.79	2.77	34.49	2.91	37.62	3.01	41.54	3.13
	75.2	17.55	2.44	21.47	2.56	25.39	2.68	29.31	2.79	34.01	2.94	37.14	3.03	41.06	3.15
CTXS07L + FDXS09L + FTXS18L	60.8	19.47	2.28	23.39	2.40	27.30	2.52	31.22	2.63	35.92	2.77	39.06	2.87	42.98	2.99
	64.4	18.99	2.31	22.91	2.43	26.83	2.54	30.74	2.66	35.45	2.80	38.58	2.89	42.50	3.01
	68.0	18.51	2.33	22.43	2.45	26.35	2.57	30.26	2.69	34.97	2.83	38.10	2.92	42.02	3.04
	70.0	18.24	2.35	22.16	2.47	26.08	2.58	30.00	2.70	34.70	2.84	37.83	2.93	41.75	3.05
	71.6	18.03	2.36	21.95	2.48	25.87	2.59	29.79	2.71	34.49	2.85	37.62	2.94	41.54	3.06
	75.2	17.55	2.39	21.47	2.50	25.39	2.62	29.31	2.74	34.01	2.88	37.14	2.97	41.06	3.09
CTXS07L + FDXS09L + CDXS18L	60.8	18.68	2.27	22.44	2.38	26.20	2.50	29.96	2.62	34.47	2.76	37.48	2.85	41.24	2.96
	64.4	18.22	2.29	21.98	2.41	25.74	2.52	29.50	2.64	34.02	2.78	37.02	2.87	40.78	2.99
	68.0	17.76	2.32	21.52	2.43	25.28	2.55	29.04	2.67	33.56	2.81	36.56	2.90	40.32	3.01
	70.0	17.51	2.33	21.27	2.45	25.03	2.56	28.79	2.68	33.30	2.82	36.31	2.91	40.07	3.03
	71.6	17.30	2.34	21.06	2.46	24.82	2.58	28.58	2.69	33.10	2.83	36.10	2.92	39.86	3.04
	75.2	16.84	2.37	20.60	2.49	24.36	2.60	28.12	2.72	32.64	2.86	35.64	2.95	39.40	3.07
CTXS07L + FTXS12L + FTXS12L	60.8	20.20	2.38	24.26	2.50	28.33	2.62	32.39	2.75	37.27	2.89	40.52	2.99	44.59	3.11
	64.4	19.70	2.41	23.77	2.53	27.83	2.65	31.90	2.77	36.77	2.92	40.03	3.02	44.09	3.14
	68.0	19.20	2.43	23.27	2.56	27.33	2.68	31.40	2.80	36.28	2.95	39.53	3.04	43.59	3.16
	70.0	18.93	2.45	22.99	2.57	27.06	2.69	31.12	2.81	36.00	2.96	39.25	3.06	43.32	3.18
	71.6	18.71	2.46	22.77	2.58	26.84	2.70	30.90	2.83	35.78	2.97	39.03	3.07	43.10	3.19
	75.2	18.21	2.49	22.27	2.61	26.34	2.73	30.40	2.85	35.28	3.00	38.53	3.10	42.60	3.22
CTXS07L + FTXS12L + FDXS12L	60.8	19.47	2.29	23.39	2.41	27.30	2.53	31.22	2.64	35.92	2.78	39.06	2.88	42.98	3.00
	64.4	18.99	2.32	22.91	2.43	26.83	2.55	30.74	2.67	35.45	2.81	38.58	2.90	42.50	3.02
	68.0	18.51	2.34	22.43	2.46	26.35	2.58	30.26	2.69	34.97	2.84	38.10	2.93	42.02	3.05
	70.0	18.24	2.36	22.16	2.47	26.08	2.59	30.00	2.71	34.70	2.85	37.83	2.94	41.75	3.06
	71.6	18.03	2.37	21.95	2.49	25.87	2.60	29.79	2.72	34.49	2.86	37.62	2.96	41.54	3.07
	75.2	17.55	2.39	21.47	2.51	25.39	2.63	29.31	2.75	34.01	2.89	37.14	2.98	41.06	3.10

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FDXS12L + FDXS12L	60.8	18.68	2.32	22.44	2.44	26.20	2.56	29.96	2.68	34.47	2.82	37.48	2.92	41.24	3.04
	64.4	18.22	2.35	21.98	2.47	25.74	2.59	29.50	2.71	34.02	2.85	37.02	2.94	40.78	3.06
	68.0	17.76	2.38	21.52	2.49	25.28	2.61	29.04	2.73	33.56	2.88	36.56	2.97	40.32	3.09
	70.0	17.51	2.39	21.27	2.51	25.03	2.63	28.79	2.75	33.30	2.89	36.31	2.99	40.07	3.10
	71.6	17.30	2.40	21.06	2.52	24.82	2.64	28.58	2.76	33.10	2.90	36.10	3.00	39.86	3.12
	75.2	16.84	2.43	20.60	2.55	24.36	2.67	28.12	2.78	32.64	2.93	35.64	3.02	39.40	3.14
CTXS07L + FTXS12L + FTXS15L	60.8	20.20	2.48	24.26	2.61	28.33	2.74	32.39	2.87	37.27	3.02	40.52	3.12	44.59	3.25
	64.4	19.70	2.51	23.77	2.64	27.83	2.77	31.90	2.89	36.77	3.05	40.03	3.15	44.09	3.28
	68.0	19.20	2.54	23.27	2.67	27.33	2.79	31.40	2.92	36.28	3.07	39.53	3.18	43.59	3.30
	70.0	18.93	2.56	22.99	2.68	27.06	2.81	31.12	2.94	36.00	3.09	39.25	3.19	43.32	3.32
	71.6	18.71	2.57	22.77	2.70	26.84	2.82	30.90	2.95	35.78	3.10	39.03	3.20	43.10	3.33
	75.2	18.21	2.60	22.27	2.72	26.34	2.85	30.40	2.98	35.28	3.13	38.53	3.23	42.60	3.36
CTXS07L + FTXS12L + CDXS15L	60.8	19.47	2.34	23.39	2.46	27.30	2.58	31.22	2.70	35.92	2.84	39.06	2.94	42.98	3.06
	64.4	18.99	2.37	22.91	2.49	26.83	2.61	30.74	2.73	35.45	2.87	38.58	2.97	42.50	3.08
	68.0	18.51	2.39	22.43	2.51	26.35	2.63	30.26	2.75	34.97	2.90	38.10	2.99	42.02	3.11
	70.0	18.24	2.41	22.16	2.53	26.08	2.65	30.00	2.77	34.70	2.91	37.83	3.01	41.75	3.13
	71.6	18.03	2.42	21.95	2.54	25.87	2.66	29.79	2.78	34.49	2.92	37.62	3.02	41.54	3.14
	75.2	17.55	2.44	21.47	2.56	25.39	2.68	29.31	2.80	34.01	2.95	37.14	3.04	41.06	3.16
CTXS07L + FDXS12L + FTXS15L	60.8	19.47	2.28	23.39	2.39	27.30	2.51	31.22	2.62	35.92	2.76	39.06	2.86	42.98	2.97
	64.4	18.99	2.30	22.91	2.42	26.83	2.53	30.74	2.65	35.45	2.79	38.58	2.88	42.50	3.00
	68.0	18.51	2.33	22.43	2.44	26.35	2.56	30.26	2.68	34.97	2.82	38.10	2.91	42.02	3.03
	70.0	18.24	2.34	22.16	2.46	26.08	2.57	30.00	2.69	34.70	2.83	37.83	2.92	41.75	3.04
	71.6	18.03	2.35	21.95	2.47	25.87	2.58	29.79	2.70	34.49	2.84	37.62	2.93	41.54	3.05
	75.2	17.55	2.38	21.47	2.49	25.39	2.61	29.31	2.73	34.01	2.87	37.14	2.96	41.06	3.08
CTXS07L + FDXS12L + CDXS15L	60.8	18.68	2.28	22.44	2.39	26.20	2.51	29.96	2.62	34.47	2.76	37.48	2.86	41.24	2.97
	64.4	18.22	2.30	21.98	2.42	25.74	2.53	29.50	2.65	34.02	2.79	37.02	2.88	40.78	3.00
	68.0	17.76	2.33	21.52	2.44	25.28	2.56	29.04	2.68	33.56	2.82	36.56	2.91	40.32	3.03
	70.0	17.51	2.34	21.27	2.46	25.03	2.57	28.79	2.69	33.30	2.83	36.31	2.92	40.07	3.04
	71.6	17.30	2.35	21.06	2.47	24.82	2.58	28.58	2.70	33.10	2.84	36.10	2.93	39.86	3.05
	75.2	16.84	2.38	20.60	2.49	24.36	2.61	28.12	2.73	32.64	2.87	35.64	2.96	39.40	3.08
CTXS07L + FTXS12L + FTXS18L	60.8	20.20	2.50	24.26	2.63	28.33	2.76	32.39	2.88	37.27	3.04	40.52	3.14	44.59	3.27
	64.4	19.70	2.53	23.77	2.66	27.83	2.78	31.90	2.91	36.77	3.07	40.03	3.17	44.09	3.30
	68.0	19.20	2.56	23.27	2.68	27.33	2.81	31.40	2.94	36.28	3.09	39.53	3.20	43.59	3.32
	70.0	18.93	2.57	22.99	2.70	27.06	2.83	31.12	2.96	36.00	3.11	39.25	3.21	43.32	3.34
	71.6	18.71	2.58	22.77	2.71	26.84	2.84	30.90	2.97	35.78	3.12	39.03	3.22	43.10	3.35
	75.2	18.21	2.61	22.27	2.74	26.34	2.87	30.40	3.00	35.28	3.15	38.53	3.25	42.60	3.38
CTXS07L + FTXS12L + CDXS18L	60.8	19.47	2.33	23.39	2.45	27.30	2.57	31.22	2.69	35.92	2.83	39.06	2.93	42.98	3.05
	64.4	18.99	2.36	22.91	2.48	26.83	2.60	30.74	2.72	35.45	2.86	38.58	2.95	42.50	3.07
	68.0	18.51	2.38	22.43	2.50	26.35	2.62	30.26	2.74	34.97	2.89	38.10	2.98	42.02	3.10
	70.0	18.24	2.40	22.16	2.52	26.08	2.64	30.00	2.76	34.70	2.90	37.83	3.00	41.75	3.11
	71.6	18.03	2.41	21.95	2.53	25.87	2.65	29.79	2.77	34.49	2.91	37.62	3.01	41.54	3.13
	75.2	17.55	2.44	21.47	2.56	25.39	2.68	29.31	2.79	34.01	2.94	37.14	3.03	41.06	3.15
CTXS07L + FDXS12L + FTXS18L	60.8	19.47	2.28	23.39	2.40	27.30	2.52	31.22	2.63	35.92	2.77	39.06	2.87	42.98	2.99
	64.4	18.99	2.31	22.91	2.43	26.83	2.54	30.74	2.66	35.45	2.80	38.58	2.89	42.50	3.01
	68.0	18.51	2.33	22.43	2.45	26.35	2.57	30.26	2.69	34.97	2.83	38.10	2.92	42.02	3.04
	70.0	18.24	2.35	22.16	2.47	26.08	2.58	30.00	2.70	34.70	2.84	37.83	2.93	41.75	3.05
	71.6	18.03	2.36	21.95	2.48	25.87	2.59	29.79	2.71	34.49	2.85	37.62	2.94	41.54	3.06
	75.2	17.55	2.39	21.47	2.50	25.39	2.62	29.31	2.74	34.01	2.88	37.14	2.97	41.06	3.09

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FDXS12L + CDXS18L	60.8	18.68	2.27	22.44	2.38	26.20	2.50	29.96	2.62	34.47	2.76	37.48	2.85	41.24	2.96
	64.4	18.22	2.29	21.98	2.41	25.74	2.52	29.50	2.64	34.02	2.78	37.02	2.87	40.78	2.99
	68.0	17.76	2.32	21.52	2.43	25.28	2.55	29.04	2.67	33.56	2.81	36.56	2.90	40.32	3.01
	70.0	17.51	2.33	21.27	2.45	25.03	2.56	28.79	2.68	33.30	2.82	36.31	2.91	40.07	3.03
	71.6	17.30	2.34	21.06	2.46	24.82	2.58	28.58	2.69	33.10	2.83	36.10	2.92	39.86	3.04
	75.2	16.84	2.37	20.60	2.49	24.36	2.60	28.12	2.72	32.64	2.86	35.64	2.95	39.40	3.07
CTXS07L + FTXS15L + FTXS15L	60.8	20.20	2.53	24.26	2.66	28.33	2.79	32.39	2.92	37.27	3.08	40.52	3.18	44.59	3.31
	64.4	19.70	2.56	23.77	2.69	27.83	2.82	31.90	2.95	36.77	3.11	40.03	3.21	44.09	3.34
	68.0	19.20	2.59	23.27	2.72	27.33	2.85	31.40	2.98	36.28	3.13	39.53	3.24	43.59	3.37
	70.0	18.93	2.61	22.99	2.73	27.06	2.86	31.12	2.99	36.00	3.15	39.25	3.25	43.32	3.38
	71.6	18.71	2.62	22.77	2.75	26.84	2.88	30.90	3.01	35.78	3.16	39.03	3.27	43.10	3.40
	75.2	18.21	2.65	22.27	2.78	26.34	2.91	30.40	3.04	35.28	3.19	38.53	3.29	42.60	3.42
CTXS07L + FTXS15L + CDXS15L	60.8	19.47	2.40	23.39	2.52	27.30	2.64	31.22	2.76	35.92	2.91	39.06	3.01	42.98	3.13
	64.4	18.99	2.42	22.91	2.55	26.83	2.67	30.74	2.79	35.45	2.94	38.58	3.04	42.50	3.16
	68.0	18.51	2.45	22.43	2.57	26.35	2.70	30.26	2.82	34.97	2.97	38.10	3.06	42.02	3.19
	70.0	18.24	2.46	22.16	2.59	26.08	2.71	30.00	2.83	34.70	2.98	37.83	3.08	41.75	3.20
	71.6	18.03	2.48	21.95	2.60	25.87	2.72	29.79	2.84	34.49	2.99	37.62	3.09	41.54	3.21
	75.2	17.55	2.50	21.47	2.63	25.39	2.75	29.31	2.87	34.01	3.02	37.14	3.12	41.06	3.24
CTXS07L + CDXS15L + CDXS15L	60.8	18.68	2.29	22.44	2.41	26.20	2.53	29.96	2.64	34.47	2.78	37.48	2.88	41.24	3.00
	64.4	18.22	2.32	21.98	2.43	25.74	2.55	29.50	2.67	34.02	2.81	37.02	2.90	40.78	3.02
	68.0	17.76	2.34	21.52	2.46	25.28	2.58	29.04	2.69	33.56	2.84	36.56	2.93	40.32	3.05
	70.0	17.51	2.36	21.27	2.47	25.03	2.59	28.79	2.71	33.30	2.85	36.31	2.94	40.07	3.06
	71.6	17.30	2.37	21.06	2.49	24.82	2.60	28.58	2.72	33.10	2.86	36.10	2.96	39.86	3.07
	75.2	16.84	2.39	20.60	2.51	24.36	2.63	28.12	2.75	32.64	2.89	35.64	2.98	39.40	3.10
FTXS09L + FTXS09L + FTXS09L	60.8	20.20	2.38	24.26	2.50	28.33	2.62	32.39	2.75	37.27	2.89	40.52	2.99	44.59	3.11
	64.4	19.70	2.41	23.77	2.53	27.83	2.65	31.90	2.77	36.77	2.92	40.03	3.02	44.09	3.14
	68.0	19.20	2.43	23.27	2.56	27.33	2.68	31.40	2.80	36.28	2.95	39.53	3.04	43.59	3.16
	70.0	18.93	2.45	22.99	2.57	27.06	2.69	31.12	2.81	36.00	2.96	39.25	3.06	43.32	3.18
	71.6	18.71	2.46	22.77	2.58	26.84	2.70	30.90	2.83	35.78	2.97	39.03	3.07	43.10	3.19
	75.2	18.21	2.49	22.27	2.61	26.34	2.73	30.40	2.85	35.28	3.00	38.53	3.10	42.60	3.22
FTXS09L + FTXS09L + FDXS09L	60.8	19.47	2.29	23.39	2.41	27.30	2.53	31.22	2.64	35.92	2.78	39.06	2.88	42.98	3.00
	64.4	18.99	2.32	22.91	2.43	26.83	2.55	30.74	2.67	35.45	2.81	38.58	2.90	42.50	3.02
	68.0	18.51	2.34	22.43	2.46	26.35	2.58	30.26	2.69	34.97	2.84	38.10	2.93	42.02	3.05
	70.0	18.24	2.36	22.16	2.47	26.08	2.59	30.00	2.71	34.70	2.85	37.83	2.94	41.75	3.06
	71.6	18.03	2.37	21.95	2.49	25.87	2.60	29.79	2.72	34.49	2.86	37.62	2.96	41.54	3.07
	75.2	17.55	2.39	21.47	2.51	25.39	2.63	29.31	2.75	34.01	2.89	37.14	2.98	41.06	3.10
FTXS09L + FDXS09L + FDXS09L	60.8	18.68	2.25	22.44	2.37	26.20	2.48	29.96	2.60	34.47	2.74	37.48	2.83	41.24	2.94
	64.4	18.22	2.28	21.98	2.39	25.74	2.51	29.50	2.62	34.02	2.76	37.02	2.85	40.78	2.97
	68.0	17.76	2.30	21.52	2.42	25.28	2.53	29.04	2.65	33.56	2.79	36.56	2.88	40.32	2.99
	70.0	17.51	2.32	21.27	2.43	25.03	2.55	28.79	2.66	33.30	2.80	36.31	2.89	40.07	3.01
	71.6	17.30	2.33	21.06	2.44	24.82	2.56	28.58	2.67	33.10	2.81	36.10	2.90	39.86	3.02
	75.2	16.84	2.35	20.60	2.47	24.36	2.58	28.12	2.70	32.64	2.84	35.64	2.93	39.40	3.04
FDXS09L + FDXS09L + FDXS09L	60.8	17.95	2.28	21.57	2.40	25.18	2.52	28.79	2.63	33.13	2.77	36.02	2.87	39.63	2.99
	64.4	17.51	2.31	21.12	2.43	24.74	2.54	28.35	2.66	32.69	2.80	35.58	2.89	39.19	3.01
	68.0	17.07	2.33	20.68	2.45	24.30	2.57	27.91	2.69	32.25	2.83	35.14	2.92	38.75	3.04
	70.0	16.82	2.35	20.44	2.47	24.05	2.58	27.66	2.70	32.00	2.84	34.89	2.93	38.50	3.05
	71.6	16.63	2.36	20.24	2.48	23.85	2.59	27.47	2.71	31.80	2.85	34.69	2.94	38.31	3.06
	75.2	16.19	2.39	19.80	2.50	23.41	2.62	27.03	2.74	31.36	2.88	34.25	2.97	37.87	3.09

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS09L + FTXS12L	60.8	20.20	2.38	24.26	2.50	28.33	2.62	32.39	2.75	37.27	2.89	40.52	2.99	44.59	3.11
	64.4	19.70	2.41	23.77	2.53	27.83	2.65	31.90	2.77	36.77	2.92	40.03	3.02	44.09	3.14
	68.0	19.20	2.43	23.27	2.56	27.33	2.68	31.40	2.80	36.28	2.95	39.53	3.04	43.59	3.16
	70.0	18.93	2.45	22.99	2.57	27.06	2.69	31.12	2.81	36.00	2.96	39.25	3.06	43.32	3.18
	71.6	18.71	2.46	22.77	2.58	26.84	2.70	30.90	2.83	35.78	2.97	39.03	3.07	43.10	3.19
	75.2	18.21	2.49	22.27	2.61	26.34	2.73	30.40	2.85	35.28	3.00	38.53	3.10	42.60	3.22
FTXS09L + FDXS09L + FDXS12L	60.8	19.47	2.29	23.39	2.41	27.30	2.53	31.22	2.64	35.92	2.78	39.06	2.88	42.98	3.00
	64.4	18.99	2.32	22.91	2.43	26.83	2.55	30.74	2.67	35.45	2.81	38.58	2.90	42.50	3.02
	68.0	18.51	2.34	22.43	2.46	26.35	2.58	30.26	2.69	34.97	2.84	38.10	2.93	42.02	3.05
	70.0	18.24	2.36	22.16	2.47	26.08	2.59	30.00	2.71	34.70	2.85	37.83	2.94	41.75	3.06
	71.6	18.03	2.37	21.95	2.49	25.87	2.60	29.79	2.72	34.49	2.86	37.62	2.96	41.54	3.07
	75.2	17.55	2.39	21.47	2.51	25.39	2.63	29.31	2.75	34.01	2.89	37.14	2.98	41.06	3.10
FTXS09L + FDXS09L + FTXS12L	60.8	19.47	2.28	23.39	2.39	27.30	2.51	31.22	2.62	35.92	2.76	39.06	2.86	42.98	2.97
	64.4	18.99	2.30	22.91	2.42	26.83	2.53	30.74	2.65	35.45	2.79	38.58	2.88	42.50	3.00
	68.0	18.51	2.33	22.43	2.44	26.35	2.56	30.26	2.68	34.97	2.82	38.10	2.91	42.02	3.03
	70.0	18.24	2.34	22.16	2.46	26.08	2.57	30.00	2.69	34.70	2.83	37.83	2.92	41.75	3.04
	71.6	18.03	2.35	21.95	2.47	25.87	2.58	29.79	2.70	34.49	2.84	37.62	2.93	41.54	3.05
	75.2	17.55	2.38	21.47	2.49	25.39	2.61	29.31	2.73	34.01	2.87	37.14	2.96	41.06	3.08
FTXS09L + FDXS09L + FDXS12L	60.8	18.68	2.25	22.44	2.37	26.20	2.48	29.96	2.60	34.47	2.74	37.48	2.83	41.24	2.94
	64.4	18.22	2.28	21.98	2.39	25.74	2.51	29.50	2.62	34.02	2.76	37.02	2.85	40.78	2.97
	68.0	17.76	2.30	21.52	2.42	25.28	2.53	29.04	2.65	33.56	2.79	36.56	2.88	40.32	2.99
	70.0	17.51	2.32	21.27	2.43	25.03	2.55	28.79	2.66	33.30	2.80	36.31	2.89	40.07	3.01
	71.6	17.30	2.33	21.06	2.44	24.82	2.56	28.58	2.67	33.10	2.81	36.10	2.90	39.86	3.02
	75.2	16.84	2.35	20.60	2.47	24.36	2.58	28.12	2.70	32.64	2.84	35.64	2.93	39.40	3.04
FDXS09L + FDXS09L + FTXS12L	60.8	18.68	2.22	22.44	2.33	26.20	2.45	29.96	2.56	34.47	2.70	37.48	2.79	41.24	2.90
	64.4	18.22	2.24	21.98	2.36	25.74	2.47	29.50	2.58	34.02	2.72	37.02	2.81	40.78	2.93
	68.0	17.76	2.27	21.52	2.38	25.28	2.50	29.04	2.61	33.56	2.75	36.56	2.84	40.32	2.95
	70.0	17.51	2.28	21.27	2.40	25.03	2.51	28.79	2.62	33.30	2.76	36.31	2.85	40.07	2.96
	71.6	17.30	2.29	21.06	2.41	24.82	2.52	28.58	2.63	33.10	2.77	36.10	2.86	39.86	2.98
	75.2	16.84	2.32	20.60	2.43	24.36	2.55	28.12	2.66	32.64	2.80	35.64	2.89	39.40	3.00
FDXS09L + FDXS09L + FDXS12L	60.8	17.95	2.28	21.57	2.40	25.18	2.52	28.79	2.63	33.13	2.77	36.02	2.87	39.63	2.99
	64.4	17.51	2.31	21.12	2.43	24.74	2.54	28.35	2.66	32.69	2.80	35.58	2.89	39.19	3.01
	68.0	17.07	2.33	20.68	2.45	24.30	2.57	27.91	2.69	32.25	2.83	35.14	2.92	38.75	3.04
	70.0	16.82	2.35	20.44	2.47	24.05	2.58	27.66	2.70	32.00	2.84	34.89	2.93	38.50	3.05
	71.6	16.63	2.36	20.24	2.48	23.85	2.59	27.47	2.71	31.80	2.85	34.69	2.94	38.31	3.06
	75.2	16.19	2.39	19.80	2.50	23.41	2.62	27.03	2.74	31.36	2.88	34.25	2.97	37.87	3.09
FTXS09L + FTXS09L + FTXS15L	60.8	20.20	2.48	24.26	2.61	28.33	2.74	32.39	2.87	37.27	3.02	40.52	3.12	44.59	3.25
	64.4	19.70	2.51	23.77	2.64	27.83	2.77	31.90	2.89	36.77	3.05	40.03	3.15	44.09	3.28
	68.0	19.20	2.54	23.27	2.67	27.33	2.79	31.40	2.92	36.28	3.07	39.53	3.18	43.59	3.30
	70.0	18.93	2.56	22.99	2.68	27.06	2.81	31.12	2.94	36.00	3.09	39.25	3.19	43.32	3.32
	71.6	18.71	2.57	22.77	2.70	26.84	2.82	30.90	2.95	35.78	3.10	39.03	3.20	43.10	3.33
	75.2	18.21	2.60	22.27	2.72	26.34	2.85	30.40	2.98	35.28	3.13	38.53	3.23	42.60	3.36
FTXS09L + FTXS09L + CDXS15L	60.8	19.47	2.34	23.39	2.46	27.30	2.58	31.22	2.70	35.92	2.84	39.06	2.94	42.98	3.06
	64.4	18.99	2.37	22.91	2.49	26.83	2.61	30.74	2.73	35.45	2.87	38.58	2.97	42.50	3.08
	68.0	18.51	2.39	22.43	2.51	26.35	2.63	30.26	2.75	34.97	2.90	38.10	2.99	42.02	3.11
	70.0	18.24	2.41	22.16	2.53	26.08	2.65	30.00	2.77	34.70	2.91	37.83	3.01	41.75	3.13
	71.6	18.03	2.42	21.95	2.54	25.87	2.66	29.79	2.78	34.49	2.92	37.62	3.02	41.54	3.14
	75.2	17.55	2.44	21.47	2.56	25.39	2.68	29.31	2.80	34.01	2.95	37.14	3.04	41.06	3.16

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FDXS09L + FTXS15L	60.8	19.47	2.29	23.39	2.41	27.30	2.53	31.22	2.64	35.92	2.78	39.06	2.88	42.98	3.00
	64.4	18.99	2.32	22.91	2.43	26.83	2.55	30.74	2.67	35.45	2.81	38.58	2.90	42.50	3.02
	68.0	18.51	2.34	22.43	2.46	26.35	2.58	30.26	2.69	34.97	2.84	38.10	2.93	42.02	3.05
	70.0	18.24	2.36	22.16	2.47	26.08	2.59	30.00	2.71	34.70	2.85	37.83	2.94	41.75	3.06
	71.6	18.03	2.37	21.95	2.49	25.87	2.60	29.79	2.72	34.49	2.86	37.62	2.96	41.54	3.07
	75.2	17.55	2.39	21.47	2.51	25.39	2.63	29.31	2.75	34.01	2.89	37.14	2.98	41.06	3.10
FTXS09L + FDXS09L + CDXS15L	60.8	18.68	2.25	22.44	2.37	26.20	2.48	29.96	2.60	34.47	2.74	37.48	2.83	41.24	2.94
	64.4	18.22	2.28	21.98	2.39	25.74	2.51	29.50	2.62	34.02	2.76	37.02	2.85	40.78	2.97
	68.0	17.76	2.30	21.52	2.42	25.28	2.53	29.04	2.65	33.56	2.79	36.56	2.88	40.32	2.99
	70.0	17.51	2.32	21.27	2.43	25.03	2.55	28.79	2.66	33.30	2.80	36.31	2.89	40.07	3.01
	71.6	17.30	2.33	21.06	2.44	24.82	2.56	28.58	2.67	33.10	2.81	36.10	2.90	39.86	3.02
	75.2	16.84	2.35	20.60	2.47	24.36	2.58	28.12	2.70	32.64	2.84	35.64	2.93	39.40	3.04
FDXS09L + FDXS09L + FTXS15L	60.8	18.68	2.15	22.44	2.26	26.20	2.37	29.96	2.48	34.47	2.61	37.48	2.70	41.24	2.81
	64.4	18.22	2.17	21.98	2.28	25.74	2.39	29.50	2.50	34.02	2.63	37.02	2.72	40.78	2.83
	68.0	17.76	2.19	21.52	2.30	25.28	2.41	29.04	2.52	33.56	2.66	36.56	2.74	40.32	2.85
	70.0	17.51	2.21	21.27	2.32	25.03	2.43	28.79	2.54	33.30	2.67	36.31	2.76	40.07	2.87
	71.6	17.30	2.22	21.06	2.33	24.82	2.44	28.58	2.55	33.10	2.68	36.10	2.77	39.86	2.88
	75.2	16.84	2.24	20.60	2.35	24.36	2.46	28.12	2.57	32.64	2.70	35.64	2.79	39.40	2.90
FDXS09L + FDXS09L + CDXS15L	60.8	17.95	2.25	21.57	2.37	25.18	2.48	28.79	2.60	33.13	2.74	36.02	2.83	39.63	2.94
	64.4	17.51	2.28	21.12	2.39	24.74	2.51	28.35	2.62	32.69	2.76	35.58	2.85	39.19	2.97
	68.0	17.07	2.30	20.68	2.42	24.30	2.53	27.91	2.65	32.25	2.79	35.14	2.88	38.75	2.99
	70.0	16.82	2.32	20.44	2.43	24.05	2.55	27.66	2.66	32.00	2.80	34.89	2.89	38.50	3.01
	71.6	16.63	2.33	20.24	2.44	23.85	2.56	27.47	2.67	31.80	2.81	34.69	2.90	38.31	3.02
	75.2	16.19	2.35	19.80	2.47	23.41	2.58	27.03	2.70	31.36	2.84	34.25	2.93	37.87	3.04
FTXS09L + FTXS09L + FTXS18L	60.8	20.20	2.50	24.26	2.63	28.33	2.76	32.39	2.88	37.27	3.04	40.52	3.14	44.59	3.27
	64.4	19.70	2.53	23.77	2.66	27.83	2.78	31.90	2.91	36.77	3.07	40.03	3.17	44.09	3.30
	68.0	19.20	2.56	23.27	2.68	27.33	2.81	31.40	2.94	36.28	3.09	39.53	3.20	43.59	3.32
	70.0	18.93	2.57	22.99	2.70	27.06	2.83	31.12	2.96	36.00	3.11	39.25	3.21	43.32	3.34
	71.6	18.71	2.58	22.77	2.71	26.84	2.84	30.90	2.97	35.78	3.12	39.03	3.22	43.10	3.35
	75.2	18.21	2.61	22.27	2.74	26.34	2.87	30.40	3.00	35.28	3.15	38.53	3.25	42.60	3.38
FTXS09L + FTXS09L + CDXS18L	60.8	19.47	2.33	23.39	2.45	27.30	2.57	31.22	2.69	35.92	2.83	39.06	2.93	42.98	3.05
	64.4	18.99	2.36	22.91	2.48	26.83	2.60	30.74	2.72	35.45	2.86	38.58	2.95	42.50	3.07
	68.0	18.51	2.38	22.43	2.50	26.35	2.62	30.26	2.74	34.97	2.89	38.10	2.98	42.02	3.10
	70.0	18.24	2.40	22.16	2.52	26.08	2.64	30.00	2.76	34.70	2.90	37.83	3.00	41.75	3.11
	71.6	18.03	2.41	21.95	2.53	25.87	2.65	29.79	2.77	34.49	2.91	37.62	3.01	41.54	3.13
	75.2	17.55	2.44	21.47	2.56	25.39	2.68	29.31	2.79	34.01	2.94	37.14	3.03	41.06	3.15
FTXS09L + FDXS09L + FTXS18L	60.8	19.47	2.30	23.39	2.42	27.30	2.54	31.22	2.65	35.92	2.79	39.06	2.89	42.98	3.01
	64.4	18.99	2.33	22.91	2.44	26.83	2.56	30.74	2.68	35.45	2.82	38.58	2.91	42.50	3.03
	68.0	18.51	2.35	22.43	2.47	26.35	2.59	30.26	2.70	34.97	2.85	38.10	2.94	42.02	3.06
	70.0	18.24	2.37	22.16	2.48	26.08	2.60	30.00	2.72	34.70	2.86	37.83	2.95	41.75	3.07
	71.6	18.03	2.38	21.95	2.49	25.87	2.61	29.79	2.73	34.49	2.87	37.62	2.97	41.54	3.08
	75.2	17.55	2.40	21.47	2.52	25.39	2.64	29.31	2.76	34.01	2.90	37.14	2.99	41.06	3.11
FTXS09L + FDXS09L + CDXS18L	60.8	18.68	2.24	22.44	2.36	26.20	2.47	29.96	2.59	34.47	2.73	37.48	2.82	41.24	2.93
	64.4	18.22	2.27	21.98	2.38	25.74	2.50	29.50	2.61	34.02	2.75	37.02	2.84	40.78	2.96
	68.0	17.76	2.29	21.52	2.41	25.28	2.52	29.04	2.64	33.56	2.78	36.56	2.87	40.32	2.98
	70.0	17.51	2.31	21.27	2.42	25.03	2.54	28.79	2.65	33.30	2.79	36.31	2.88	40.07	3.00
	71.6	17.30	2.32	21.06	2.43	24.82	2.55	28.58	2.66	33.10	2.80	36.10	2.89	39.86	3.01
	75.2	16.84	2.34	20.60	2.46	24.36	2.57	28.12	2.69	32.64	2.83	35.64	2.92	39.40	3.03

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FDXS09L + FTXS18L	60.8	18.68	2.15	22.44	2.27	26.20	2.38	29.96	2.49	34.47	2.62	37.48	2.71	41.24	2.82
	64.4	18.22	2.18	21.98	2.29	25.74	2.40	29.50	2.51	34.02	2.64	37.02	2.73	40.78	2.84
	68.0	17.76	2.20	21.52	2.31	25.28	2.42	29.04	2.53	33.56	2.67	36.56	2.75	40.32	2.87
	70.0	17.51	2.22	21.27	2.33	25.03	2.44	28.79	2.55	33.30	2.68	36.31	2.77	40.07	2.88
	71.6	17.30	2.23	21.06	2.34	24.82	2.45	28.58	2.56	33.10	2.69	36.10	2.78	39.86	2.89
	75.2	16.84	2.25	20.60	2.36	24.36	2.47	28.12	2.58	32.64	2.71	35.64	2.80	39.40	2.91
FDXS09L + FDXS09L + CDXS18L	60.8	17.95	2.24	21.57	2.36	25.18	2.47	28.79	2.59	33.13	2.73	36.02	2.82	39.63	2.93
	64.4	17.51	2.27	21.12	2.38	24.74	2.50	28.35	2.61	32.69	2.75	35.58	2.84	39.19	2.96
	68.0	17.07	2.29	20.68	2.41	24.30	2.52	27.91	2.64	32.25	2.78	35.14	2.87	38.75	2.98
	70.0	16.82	2.31	20.44	2.42	24.05	2.54	27.66	2.65	32.00	2.79	34.89	2.88	38.50	3.00
	71.6	16.63	2.32	20.24	2.43	23.85	2.55	27.47	2.66	31.80	2.80	34.69	2.89	38.31	3.01
	75.2	16.19	2.34	19.80	2.46	23.41	2.57	27.03	2.69	31.36	2.83	34.25	2.92	37.87	3.03
FTXS09L + FTXS12L + FTXS12L	60.8	20.20	2.39	24.26	2.51	28.33	2.63	32.39	2.75	37.27	2.90	40.52	3.00	44.59	3.12
	64.4	19.70	2.41	23.77	2.54	27.83	2.66	31.90	2.78	36.77	2.93	40.03	3.03	44.09	3.15
	68.0	19.20	2.44	23.27	2.56	27.33	2.69	31.40	2.81	36.28	2.96	39.53	3.05	43.59	3.18
	70.0	18.93	2.46	22.99	2.58	27.06	2.70	31.12	2.82	36.00	2.97	39.25	3.07	43.32	3.19
	71.6	18.71	2.47	22.77	2.59	26.84	2.71	30.90	2.84	35.78	2.98	39.03	3.08	43.10	3.20
	75.2	18.21	2.49	22.27	2.62	26.34	2.74	30.40	2.86	35.28	3.01	38.53	3.11	42.60	3.23
FTXS09L + FTXS12L + FDXS12L	60.8	19.47	2.28	23.39	2.39	27.30	2.51	31.22	2.62	35.92	2.76	39.06	2.86	42.98	2.97
	64.4	18.99	2.30	22.91	2.42	26.83	2.53	30.74	2.65	35.45	2.79	38.58	2.88	42.50	3.00
	68.0	18.51	2.33	22.43	2.44	26.35	2.56	30.26	2.68	34.97	2.82	38.10	2.91	42.02	3.03
	70.0	18.24	2.34	22.16	2.46	26.08	2.57	30.00	2.69	34.70	2.83	37.83	2.92	41.75	3.04
	71.6	18.03	2.35	21.95	2.47	25.87	2.58	29.79	2.70	34.49	2.84	37.62	2.93	41.54	3.05
	75.2	17.55	2.38	21.47	2.49	25.39	2.61	29.31	2.73	34.01	2.87	37.14	2.96	41.06	3.08
FTXS09L + FDXS12L + FDXS12L	60.8	18.68	2.25	22.44	2.37	26.20	2.48	29.96	2.60	34.47	2.74	37.48	2.83	41.24	2.94
	64.4	18.22	2.28	21.98	2.39	25.74	2.51	29.50	2.62	34.02	2.76	37.02	2.85	40.78	2.97
	68.0	17.76	2.30	21.52	2.42	25.28	2.53	29.04	2.65	33.56	2.79	36.56	2.88	40.32	2.99
	70.0	17.51	2.32	21.27	2.43	25.03	2.55	28.79	2.66	33.30	2.80	36.31	2.89	40.07	3.01
	71.6	17.30	2.33	21.06	2.44	24.82	2.56	28.58	2.67	33.10	2.81	36.10	2.90	39.86	3.02
	75.2	16.84	2.35	20.60	2.47	24.36	2.58	28.12	2.70	32.64	2.84	35.64	2.93	39.40	3.04
FDXS09L + FTXS12L + FTXS12L	60.8	19.47	2.27	23.39	2.38	27.30	2.50	31.22	2.62	35.92	2.76	39.06	2.85	42.98	2.96
	64.4	18.99	2.29	22.91	2.41	26.83	2.52	30.74	2.64	35.45	2.78	38.58	2.87	42.50	2.99
	68.0	18.51	2.32	22.43	2.43	26.35	2.55	30.26	2.67	34.97	2.81	38.10	2.90	42.02	3.01
	70.0	18.24	2.33	22.16	2.45	26.08	2.56	30.00	2.68	34.70	2.82	37.83	2.91	41.75	3.03
	71.6	18.03	2.34	21.95	2.46	25.87	2.58	29.79	2.69	34.49	2.83	37.62	2.92	41.54	3.04
	75.2	17.55	2.37	21.47	2.49	25.39	2.60	29.31	2.72	34.01	2.86	37.14	2.95	41.06	3.07
FDXS09L + FTXS12L + FDXS12L	60.8	18.68	2.22	22.44	2.33	26.20	2.45	29.96	2.56	34.47	2.70	37.48	2.79	41.24	2.90
	64.4	18.22	2.24	21.98	2.36	25.74	2.47	29.50	2.58	34.02	2.72	37.02	2.81	40.78	2.93
	68.0	17.76	2.27	21.52	2.38	25.28	2.50	29.04	2.61	33.56	2.75	36.56	2.84	40.32	2.95
	70.0	17.51	2.28	21.27	2.40	25.03	2.51	28.79	2.62	33.30	2.76	36.31	2.85	40.07	2.96
	71.6	17.30	2.29	21.06	2.41	24.82	2.52	28.58	2.63	33.10	2.77	36.10	2.86	39.86	2.98
	75.2	16.84	2.32	20.60	2.43	24.36	2.55	28.12	2.66	32.64	2.80	35.64	2.89	39.40	3.00
FDXS09L + FDXS12L + FDXS12L	60.8	17.95	2.28	21.57	2.40	25.18	2.52	28.79	2.63	33.13	2.77	36.02	2.87	39.63	2.99
	64.4	17.51	2.31	21.12	2.43	24.74	2.54	28.35	2.66	32.69	2.80	35.58	2.89	39.19	3.01
	68.0	17.07	2.33	20.68	2.45	24.30	2.57	27.91	2.69	32.25	2.83	35.14	2.92	38.75	3.04
	70.0	16.82	2.35	20.44	2.47	24.05	2.58	27.66	2.70	32.00	2.84	34.89	2.93	38.50	3.05
	71.6	16.63	2.36	20.24	2.48	23.85	2.59	27.47	2.71	31.80	2.85	34.69	2.94	38.31	3.06
	75.2	16.19	2.39	19.80	2.50	23.41	2.62	27.03	2.74	31.36	2.88	34.25	2.97	37.87	3.09

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS12L + FTXS15L	60.8	20.20	2.52	24.26	2.65	28.33	2.78	32.39	2.91	37.27	3.07	40.52	3.17	44.59	3.30
	64.4	19.70	2.55	23.77	2.68	27.83	2.81	31.90	2.94	36.77	3.10	40.03	3.20	44.09	3.33
	68.0	19.20	2.58	23.27	2.71	27.33	2.84	31.40	2.97	36.28	3.12	39.53	3.23	43.59	3.36
	70.0	18.93	2.60	22.99	2.73	27.06	2.86	31.12	2.98	36.00	3.14	39.25	3.24	43.32	3.37
	71.6	18.71	2.61	22.77	2.74	26.84	2.87	30.90	3.00	35.78	3.15	39.03	3.26	43.10	3.39
	75.2	18.21	2.64	22.27	2.77	26.34	2.90	30.40	3.03	35.28	3.18	38.53	3.28	42.60	3.41
FTXS09L + FTXS12L + CDXS15L	60.8	19.47	2.34	23.39	2.46	27.30	2.58	31.22	2.70	35.92	2.84	39.06	2.94	42.98	3.06
	64.4	18.99	2.37	22.91	2.49	26.83	2.61	30.74	2.73	35.45	2.87	38.58	2.97	42.50	3.08
	68.0	18.51	2.39	22.43	2.51	26.35	2.63	30.26	2.75	34.97	2.90	38.10	2.99	42.02	3.11
	70.0	18.24	2.41	22.16	2.53	26.08	2.65	30.00	2.77	34.70	2.91	37.83	3.01	41.75	3.13
	71.6	18.03	2.42	21.95	2.54	25.87	2.66	29.79	2.78	34.49	2.92	37.62	3.02	41.54	3.14
	75.2	17.55	2.44	21.47	2.56	25.39	2.68	29.31	2.80	34.01	2.95	37.14	3.04	41.06	3.16
FTXS09L + FDXS12L + FTXS15L	60.8	19.47	2.29	23.39	2.41	27.30	2.53	31.22	2.64	35.92	2.78	39.06	2.88	42.98	3.00
	64.4	18.99	2.32	22.91	2.43	26.83	2.55	30.74	2.67	35.45	2.81	38.58	2.90	42.50	3.02
	68.0	18.51	2.34	22.43	2.46	26.35	2.58	30.26	2.69	34.97	2.84	38.10	2.93	42.02	3.05
	70.0	18.24	2.36	22.16	2.47	26.08	2.59	30.00	2.71	34.70	2.85	37.83	2.94	41.75	3.06
	71.6	18.03	2.37	21.95	2.49	25.87	2.60	29.79	2.72	34.49	2.86	37.62	2.96	41.54	3.07
	75.2	17.55	2.39	21.47	2.51	25.39	2.63	29.31	2.75	34.01	2.89	37.14	2.98	41.06	3.10
FTXS09L + FDXS12L + CDXS15L	60.8	18.68	2.25	22.44	2.37	26.20	2.48	29.96	2.60	34.47	2.74	37.48	2.83	41.24	2.94
	64.4	18.22	2.28	21.98	2.39	25.74	2.51	29.50	2.62	34.02	2.76	37.02	2.85	40.78	2.97
	68.0	17.76	2.30	21.52	2.42	25.28	2.53	29.04	2.65	33.56	2.79	36.56	2.88	40.32	2.99
	70.0	17.51	2.32	21.27	2.43	25.03	2.55	28.79	2.66	33.30	2.80	36.31	2.89	40.07	3.01
	71.6	17.30	2.33	21.06	2.44	24.82	2.56	28.58	2.67	33.10	2.81	36.10	2.90	39.86	3.02
	75.2	16.84	2.35	20.60	2.47	24.36	2.58	28.12	2.70	32.64	2.84	35.64	2.93	39.40	3.04
FDXS09L + FTXS12L + FTXS15L	60.8	19.47	2.31	23.39	2.43	27.30	2.54	31.22	2.66	35.92	2.80	39.06	2.90	42.98	3.02
	64.4	18.99	2.33	22.91	2.45	26.83	2.57	30.74	2.69	35.45	2.83	38.58	2.92	42.50	3.04
	68.0	18.51	2.36	22.43	2.48	26.35	2.60	30.26	2.71	34.97	2.86	38.10	2.95	42.02	3.07
	70.0	18.24	2.37	22.16	2.49	26.08	2.61	30.00	2.73	34.70	2.87	37.83	2.96	41.75	3.08
	71.6	18.03	2.39	21.95	2.50	25.87	2.62	29.79	2.74	34.49	2.88	37.62	2.98	41.54	3.09
	75.2	17.55	2.41	21.47	2.53	25.39	2.65	29.31	2.77	34.01	2.91	37.14	3.00	41.06	3.12
FDXS09L + FTXS12L + CDXS15L	60.8	18.68	2.24	22.44	2.35	26.20	2.46	29.96	2.58	34.47	2.72	37.48	2.81	41.24	2.92
	64.4	18.22	2.26	21.98	2.37	25.74	2.49	29.50	2.60	34.02	2.74	37.02	2.83	40.78	2.95
	68.0	17.76	2.29	21.52	2.40	25.28	2.51	29.04	2.63	33.56	2.77	36.56	2.86	40.32	2.97
	70.0	17.51	2.30	21.27	2.41	25.03	2.53	28.79	2.64	33.30	2.78	36.31	2.87	40.07	2.99
	71.6	17.30	2.31	21.06	2.42	24.82	2.54	28.58	2.65	33.10	2.79	36.10	2.88	39.86	3.00
	75.2	16.84	2.34	20.60	2.45	24.36	2.56	28.12	2.68	32.64	2.82	35.64	2.91	39.40	3.02
FDXS09L + FDXS12L + FTXS15L	60.8	18.68	2.15	22.44	2.26	26.20	2.37	29.96	2.48	34.47	2.61	37.48	2.70	41.24	2.81
	64.4	18.22	2.17	21.98	2.28	25.74	2.39	29.50	2.50	34.02	2.63	37.02	2.72	40.78	2.83
	68.0	17.76	2.19	21.52	2.30	25.28	2.41	29.04	2.52	33.56	2.66	36.56	2.74	40.32	2.85
	70.0	17.51	2.21	21.27	2.32	25.03	2.43	28.79	2.54	33.30	2.67	36.31	2.76	40.07	2.87
	71.6	17.30	2.22	21.06	2.33	24.82	2.44	28.58	2.55	33.10	2.68	36.10	2.77	39.86	2.88
	75.2	16.84	2.24	20.60	2.35	24.36	2.46	28.12	2.57	32.64	2.70	35.64	2.79	39.40	2.90
FDXS09L + FDXS12L + CDXS15L	60.8	17.95	2.25	21.57	2.37	25.18	2.48	28.79	2.60	33.13	2.74	36.02	2.83	39.63	2.94
	64.4	17.51	2.28	21.12	2.39	24.74	2.51	28.35	2.62	32.69	2.76	35.58	2.85	39.19	2.97
	68.0	17.07	2.30	20.68	2.42	24.30	2.53	27.91	2.65	32.25	2.79	35.14	2.88	38.75	2.99
	70.0	16.82	2.32	20.44	2.43	24.05	2.55	27.66	2.66	32.00	2.80	34.89	2.89	38.50	3.01
	71.6	16.63	2.33	20.24	2.44	23.85	2.56	27.47	2.67	31.80	2.81	34.69	2.90	38.31	3.02
	75.2	16.19	2.35	19.80	2.47	23.41	2.58	27.03	2.70	31.36	2.84	34.25	2.93	37.87	3.04

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS12L + FTXS18L	60.8	20.20	2.50	24.26	2.63	28.33	2.76	32.39	2.88	37.27	3.04	40.52	3.14	44.59	3.27
	64.4	19.70	2.53	23.77	2.66	27.83	2.78	31.90	2.91	36.77	3.07	40.03	3.17	44.09	3.30
	68.0	19.20	2.56	23.27	2.68	27.33	2.81	31.40	2.94	36.28	3.09	39.53	3.20	43.59	3.32
	70.0	18.93	2.57	22.99	2.70	27.06	2.83	31.12	2.96	36.00	3.11	39.25	3.21	43.32	3.34
	71.6	18.71	2.58	22.77	2.71	26.84	2.84	30.90	2.97	35.78	3.12	39.03	3.22	43.10	3.35
	75.2	18.21	2.61	22.27	2.74	26.34	2.87	30.40	3.00	35.28	3.15	38.53	3.25	42.60	3.38
FTXS09L + FTXS12L + CDXS18L	60.8	19.47	2.33	23.39	2.45	27.30	2.57	31.22	2.69	35.92	2.83	39.06	2.93	42.98	3.05
	64.4	18.99	2.36	22.91	2.48	26.83	2.60	30.74	2.72	35.45	2.86	38.58	2.95	42.50	3.07
	68.0	18.51	2.38	22.43	2.50	26.35	2.62	30.26	2.74	34.97	2.89	38.10	2.98	42.02	3.10
	70.0	18.24	2.40	22.16	2.52	26.08	2.64	30.00	2.76	34.70	2.90	37.83	3.00	41.75	3.11
	71.6	18.03	2.41	21.95	2.53	25.87	2.65	29.79	2.77	34.49	2.91	37.62	3.01	41.54	3.13
	75.2	17.55	2.44	21.47	2.56	25.39	2.68	29.31	2.79	34.01	2.94	37.14	3.03	41.06	3.15
FTXS09L + FDXS12L + FTXS18L	60.8	19.47	2.30	23.39	2.42	27.30	2.54	31.22	2.65	35.92	2.79	39.06	2.89	42.98	3.01
	64.4	18.99	2.33	22.91	2.44	26.83	2.56	30.74	2.68	35.45	2.82	38.58	2.91	42.50	3.03
	68.0	18.51	2.35	22.43	2.47	26.35	2.59	30.26	2.70	34.97	2.85	38.10	2.94	42.02	3.06
	70.0	18.24	2.37	22.16	2.48	26.08	2.60	30.00	2.72	34.70	2.86	37.83	2.95	41.75	3.07
	71.6	18.03	2.38	21.95	2.49	25.87	2.61	29.79	2.73	34.49	2.87	37.62	2.97	41.54	3.08
	75.2	17.55	2.40	21.47	2.52	25.39	2.64	29.31	2.76	34.01	2.90	37.14	2.99	41.06	3.11
FTXS09L + FDXS12L + CDXS18L	60.8	18.68	2.24	22.44	2.36	26.20	2.47	29.96	2.59	34.47	2.73	37.48	2.82	41.24	2.93
	64.4	18.22	2.27	21.98	2.38	25.74	2.50	29.50	2.61	34.02	2.75	37.02	2.84	40.78	2.96
	68.0	17.76	2.29	21.52	2.41	25.28	2.52	29.04	2.64	33.56	2.78	36.56	2.87	40.32	2.98
	70.0	17.51	2.31	21.27	2.42	25.03	2.54	28.79	2.65	33.30	2.79	36.31	2.88	40.07	3.00
	71.6	17.30	2.32	21.06	2.43	24.82	2.55	28.58	2.66	33.10	2.80	36.10	2.89	39.86	3.01
	75.2	16.84	2.34	20.60	2.46	24.36	2.57	28.12	2.69	32.64	2.83	35.64	2.92	39.40	3.03
FDXS09L + FTXS12L + FTXS18L	60.8	19.47	2.32	23.39	2.43	27.30	2.55	31.22	2.67	35.92	2.81	39.06	2.91	42.98	3.03
	64.4	18.99	2.34	22.91	2.46	26.83	2.58	30.74	2.70	35.45	2.84	38.58	2.93	42.50	3.05
	68.0	18.51	2.37	22.43	2.49	26.35	2.60	30.26	2.72	34.97	2.87	38.10	2.96	42.02	3.08
	70.0	18.24	2.38	22.16	2.50	26.08	2.62	30.00	2.74	34.70	2.88	37.83	2.97	41.75	3.09
	71.6	18.03	2.39	21.95	2.51	25.87	2.63	29.79	2.75	34.49	2.89	37.62	2.99	41.54	3.11
	75.2	17.55	2.42	21.47	2.54	25.39	2.66	29.31	2.78	34.01	2.92	37.14	3.01	41.06	3.13
FDXS09L + FTXS12L + CDXS18L	60.8	18.68	2.23	22.44	2.34	26.20	2.46	29.96	2.57	34.47	2.71	37.48	2.80	41.24	2.91
	64.4	18.22	2.25	21.98	2.37	25.74	2.48	29.50	2.59	34.02	2.73	37.02	2.82	40.78	2.94
	68.0	17.76	2.28	21.52	2.39	25.28	2.51	29.04	2.62	33.56	2.76	36.56	2.85	40.32	2.96
	70.0	17.51	2.29	21.27	2.40	25.03	2.52	28.79	2.63	33.30	2.77	36.31	2.86	40.07	2.98
	71.6	17.30	2.30	21.06	2.42	24.82	2.53	28.58	2.64	33.10	2.78	36.10	2.87	39.86	2.99
	75.2	16.84	2.33	20.60	2.44	24.36	2.56	28.12	2.67	32.64	2.81	35.64	2.90	39.40	3.01
FDXS09L + FDXS12L + FTXS18L	60.8	18.68	2.15	22.44	2.27	26.20	2.38	29.96	2.49	34.47	2.62	37.48	2.71	41.24	2.82
	64.4	18.22	2.18	21.98	2.29	25.74	2.40	29.50	2.51	34.02	2.64	37.02	2.73	40.78	2.84
	68.0	17.76	2.20	21.52	2.31	25.28	2.42	29.04	2.53	33.56	2.67	36.56	2.75	40.32	2.87
	70.0	17.51	2.22	21.27	2.33	25.03	2.44	28.79	2.55	33.30	2.68	36.31	2.77	40.07	2.88
	71.6	17.30	2.23	21.06	2.34	24.82	2.45	28.58	2.56	33.10	2.69	36.10	2.78	39.86	2.89
	75.2	16.84	2.25	20.60	2.36	24.36	2.47	28.12	2.58	32.64	2.71	35.64	2.80	39.40	2.91
FDXS09L + FDXS12L + CDXS18L	60.8	17.95	2.24	21.57	2.36	25.18	2.47	28.79	2.59	33.13	2.73	36.02	2.82	39.63	2.93
	64.4	17.51	2.27	21.12	2.38	24.74	2.50	28.35	2.61	32.69	2.75	35.58	2.84	39.19	2.96
	68.0	17.07	2.29	20.68	2.41	24.30	2.52	27.91	2.64	32.25	2.78	35.14	2.87	38.75	2.98
	70.0	16.82	2.31	20.44	2.42	24.05	2.54	27.66	2.65	32.00	2.79	34.89	2.88	38.50	3.00
	71.6	16.63	2.32	20.24	2.43	23.85	2.55	27.47	2.66	31.80	2.80	34.69	2.89	38.31	3.01
	75.2	16.19	2.34	19.80	2.46	23.41	2.57	27.03	2.69	31.36	2.83	34.25	2.92	37.87	3.03

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS15L + FTXS15L	60.8	20.20	2.52	24.26	2.65	28.33	2.77	32.39	2.90	37.27	3.06	40.52	3.16	44.59	3.29
	64.4	19.70	2.54	23.77	2.67	27.83	2.80	31.90	2.93	36.77	3.09	40.03	3.19	44.09	3.32
	68.0	19.20	2.57	23.27	2.70	27.33	2.83	31.40	2.96	36.28	3.11	39.53	3.22	43.59	3.35
	70.0	18.93	2.59	22.99	2.72	27.06	2.85	31.12	2.98	36.00	3.13	39.25	3.23	43.32	3.36
	71.6	18.71	2.60	22.77	2.73	26.84	2.86	30.90	2.99	35.78	3.14	39.03	3.25	43.10	3.37
	75.2	18.21	2.63	22.27	2.76	26.34	2.89	30.40	3.02	35.28	3.17	38.53	3.27	42.60	3.40
FTXS09L + FTXS15L + CDXS15L	60.8	19.47	2.48	23.39	2.60	27.30	2.73	31.22	2.86	35.92	3.01	39.06	3.11	42.98	3.24
	64.4	18.99	2.50	22.91	2.63	26.83	2.76	30.74	2.88	35.45	3.04	38.58	3.14	42.50	3.27
	68.0	18.51	2.53	22.43	2.66	26.35	2.79	30.26	2.91	34.97	3.06	38.10	3.17	42.02	3.29
	70.0	18.24	2.55	22.16	2.67	26.08	2.80	30.00	2.93	34.70	3.08	37.83	3.18	41.75	3.31
	71.6	18.03	2.56	21.95	2.69	25.87	2.81	29.79	2.94	34.49	3.09	37.62	3.19	41.54	3.32
	75.2	17.55	2.59	21.47	2.71	25.39	2.84	29.31	2.97	34.01	3.12	37.14	3.22	41.06	3.35
FTXS09L + CDXS15L + CDXS15L	60.8	18.68	2.30	22.44	2.42	26.20	2.54	29.96	2.65	34.47	2.79	37.48	2.89	41.24	3.01
	64.4	18.22	2.33	21.98	2.44	25.74	2.56	29.50	2.68	34.02	2.82	37.02	2.91	40.78	3.03
	68.0	17.76	2.35	21.52	2.47	25.28	2.59	29.04	2.70	33.56	2.85	36.56	2.94	40.32	3.06
	70.0	17.51	2.37	21.27	2.48	25.03	2.60	28.79	2.72	33.30	2.86	36.31	2.95	40.07	3.07
	71.6	17.30	2.38	21.06	2.49	24.82	2.61	28.58	2.73	33.10	2.87	36.10	2.97	39.86	3.08
	75.2	16.84	2.40	20.60	2.52	24.36	2.64	28.12	2.76	32.64	2.90	35.64	2.99	39.40	3.11
FDXS09L + FTXS15L + FTXS15L	60.8	19.47	2.50	23.39	2.63	27.30	2.76	31.22	2.88	35.92	3.04	39.06	3.14	42.98	3.27
	64.4	18.99	2.53	22.91	2.66	26.83	2.78	30.74	2.91	35.45	3.07	38.58	3.17	42.50	3.30
	68.0	18.51	2.56	22.43	2.68	26.35	2.81	30.26	2.94	34.97	3.09	38.10	3.20	42.02	3.32
	70.0	18.24	2.57	22.16	2.70	26.08	2.83	30.00	2.96	34.70	3.11	37.83	3.21	41.75	3.34
	71.6	18.03	2.58	21.95	2.71	25.87	2.84	29.79	2.97	34.49	3.12	37.62	3.22	41.54	3.35
	75.2	17.55	2.61	21.47	2.74	25.39	2.87	29.31	3.00	34.01	3.15	37.14	3.25	41.06	3.38
FDXS09L + FTXS15L + CDXS15L	60.8	18.68	2.25	22.44	2.37	26.20	2.48	29.96	2.60	34.47	2.74	37.48	2.83	41.24	2.94
	64.4	18.22	2.28	21.98	2.39	25.74	2.51	29.50	2.62	34.02	2.76	37.02	2.85	40.78	2.97
	68.0	17.76	2.30	21.52	2.42	25.28	2.53	29.04	2.65	33.56	2.79	36.56	2.88	40.32	2.99
	70.0	17.51	2.32	21.27	2.43	25.03	2.55	28.79	2.66	33.30	2.80	36.31	2.89	40.07	3.01
	71.6	17.30	2.33	21.06	2.44	24.82	2.56	28.58	2.67	33.10	2.81	36.10	2.90	39.86	3.02
	75.2	16.84	2.35	20.60	2.47	24.36	2.58	28.12	2.70	32.64	2.84	35.64	2.93	39.40	3.04
FDXS09L + CDXS15L + CDXS15L	60.8	17.95	2.22	21.57	2.33	25.18	2.45	28.79	2.56	33.13	2.70	36.02	2.79	39.63	2.90
	64.4	17.51	2.24	21.12	2.36	24.74	2.47	28.35	2.58	32.69	2.72	35.58	2.81	39.19	2.93
	68.0	17.07	2.27	20.68	2.38	24.30	2.50	27.91	2.61	32.25	2.75	35.14	2.84	38.75	2.95
	70.0	16.82	2.28	20.44	2.40	24.05	2.51	27.66	2.62	32.00	2.76	34.89	2.85	38.50	2.96
	71.6	16.63	2.29	20.24	2.41	23.85	2.52	27.47	2.63	31.80	2.77	34.69	2.86	38.31	2.98
	75.2	16.19	2.32	19.80	2.43	23.41	2.55	27.03	2.66	31.36	2.80	34.25	2.89	37.87	3.00
FTXS12L + FTXS12L + FTXS12L	60.8	20.20	2.40	24.26	2.53	28.33	2.65	32.39	2.77	37.27	2.92	40.52	3.02	44.59	3.14
	64.4	19.70	2.43	23.77	2.55	27.83	2.68	31.90	2.80	36.77	2.95	40.03	3.05	44.09	3.17
	68.0	19.20	2.46	23.27	2.58	27.33	2.70	31.40	2.83	36.28	2.98	39.53	3.07	43.59	3.20
	70.0	18.93	2.47	22.99	2.60	27.06	2.72	31.12	2.84	36.00	2.99	39.25	3.09	43.32	3.21
	71.6	18.71	2.48	22.77	2.61	26.84	2.73	30.90	2.85	35.78	3.00	39.03	3.10	43.10	3.22
	75.2	18.21	2.51	22.27	2.63	26.34	2.76	30.40	2.88	35.28	3.03	38.53	3.13	42.60	3.25
FTXS12L + FTXS12L + FDXS12L	60.8	19.47	2.27	23.39	2.38	27.30	2.50	31.22	2.62	35.92	2.76	39.06	2.85	42.98	2.96
	64.4	18.99	2.29	22.91	2.41	26.83	2.52	30.74	2.64	35.45	2.78	38.58	2.87	42.50	2.99
	68.0	18.51	2.32	22.43	2.43	26.35	2.55	30.26	2.67	34.97	2.81	38.10	2.90	42.02	3.01
	70.0	18.24	2.33	22.16	2.45	26.08	2.56	30.00	2.68	34.70	2.82	37.83	2.91	41.75	3.03
	71.6	18.03	2.34	21.95	2.46	25.87	2.58	29.79	2.69	34.49	2.83	37.62	2.92	41.54	3.04
	75.2	17.55	2.37	21.47	2.49	25.39	2.60	29.31	2.72	34.01	2.86	37.14	2.95	41.06	3.07

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS12L + FDXS12L + FDXS12L	60.8	18.68	2.22	22.44	2.33	26.20	2.45	29.96	2.56	34.47	2.70	37.48	2.79	41.24	2.90
	64.4	18.22	2.24	21.98	2.36	25.74	2.47	29.50	2.58	34.02	2.72	37.02	2.81	40.78	2.93
	68.0	17.76	2.27	21.52	2.38	25.28	2.50	29.04	2.61	33.56	2.75	36.56	2.84	40.32	2.95
	70.0	17.51	2.28	21.27	2.40	25.03	2.51	28.79	2.62	33.30	2.76	36.31	2.85	40.07	2.96
	71.6	17.30	2.29	21.06	2.41	24.82	2.52	28.58	2.63	33.10	2.77	36.10	2.86	39.86	2.98
	75.2	16.84	2.32	20.60	2.43	24.36	2.55	28.12	2.66	32.64	2.80	35.64	2.89	39.40	3.00
FDXS12L + FDXS12L + FDXS12L	60.8	17.95	2.28	21.57	2.40	25.18	2.52	28.79	2.63	33.13	2.77	36.02	2.87	39.63	2.99
	64.4	17.51	2.31	21.12	2.43	24.74	2.54	28.35	2.66	32.69	2.80	35.58	2.89	39.19	3.01
	68.0	17.07	2.33	20.68	2.45	24.30	2.57	27.91	2.69	32.25	2.83	35.14	2.92	38.75	3.04
	70.0	16.82	2.35	20.44	2.47	24.05	2.58	27.66	2.70	32.00	2.84	34.89	2.93	38.50	3.05
	71.6	16.63	2.36	20.24	2.48	23.85	2.59	27.47	2.71	31.80	2.85	34.69	2.94	38.31	3.06
	75.2	16.19	2.39	19.80	2.50	23.41	2.62	27.03	2.74	31.36	2.88	34.25	2.97	37.87	3.09
FTXS12L + FTXS12L + FTXS15L	60.8	20.20	2.52	24.26	2.65	28.33	2.78	32.39	2.91	37.27	3.07	40.52	3.17	44.59	3.30
	64.4	19.70	2.55	23.77	2.68	27.83	2.81	31.90	2.94	36.77	3.10	40.03	3.20	44.09	3.33
	68.0	19.20	2.58	23.27	2.71	27.33	2.84	31.40	2.97	36.28	3.12	39.53	3.23	43.59	3.36
	70.0	18.93	2.60	22.99	2.73	27.06	2.86	31.12	2.98	36.00	3.14	39.25	3.24	43.32	3.37
	71.6	18.71	2.61	22.77	2.74	26.84	2.87	30.90	3.00	35.78	3.15	39.03	3.26	43.10	3.39
	75.2	18.21	2.64	22.27	2.77	26.34	2.90	30.40	3.03	35.28	3.18	38.53	3.28	42.60	3.41
FTXS12L + FTXS12L + CDXS15L	60.8	19.47	2.35	23.39	2.47	27.30	2.59	31.22	2.71	35.92	2.85	39.06	2.95	42.98	3.07
	64.4	18.99	2.37	22.91	2.49	26.83	2.61	30.74	2.73	35.45	2.88	38.58	2.98	42.50	3.10
	68.0	18.51	2.40	22.43	2.52	26.35	2.64	30.26	2.76	34.97	2.91	38.10	3.00	42.02	3.12
	70.0	18.24	2.41	22.16	2.54	26.08	2.66	30.00	2.78	34.70	2.92	37.83	3.02	41.75	3.14
	71.6	18.03	2.43	21.95	2.55	25.87	2.67	29.79	2.79	34.49	2.93	37.62	3.03	41.54	3.15
	75.2	17.55	2.45	21.47	2.57	25.39	2.69	29.31	2.81	34.01	2.96	37.14	3.05	41.06	3.17
FTXS12L + FDXS12L + FTXS15L	60.8	19.47	2.31	23.39	2.43	27.30	2.54	31.22	2.66	35.92	2.80	39.06	2.90	42.98	3.02
	64.4	18.99	2.33	22.91	2.45	26.83	2.57	30.74	2.69	35.45	2.83	38.58	2.92	42.50	3.04
	68.0	18.51	2.36	22.43	2.48	26.35	2.60	30.26	2.71	34.97	2.86	38.10	2.95	42.02	3.07
	70.0	18.24	2.37	22.16	2.49	26.08	2.61	30.00	2.73	34.70	2.87	37.83	2.96	41.75	3.08
	71.6	18.03	2.39	21.95	2.50	25.87	2.62	29.79	2.74	34.49	2.88	37.62	2.98	41.54	3.09
	75.2	17.55	2.41	21.47	2.53	25.39	2.65	29.31	2.77	34.01	2.91	37.14	3.00	41.06	3.12
FTXS12L + FDXS12L + CDXS15L	60.8	18.68	2.24	22.44	2.35	26.20	2.46	29.96	2.58	34.47	2.72	37.48	2.81	41.24	2.92
	64.4	18.22	2.26	21.98	2.37	25.74	2.49	29.50	2.60	34.02	2.74	37.02	2.83	40.78	2.95
	68.0	17.76	2.29	21.52	2.40	25.28	2.51	29.04	2.63	33.56	2.77	36.56	2.86	40.32	2.97
	70.0	17.51	2.30	21.27	2.41	25.03	2.53	28.79	2.64	33.30	2.78	36.31	2.87	40.07	2.99
	71.6	17.30	2.31	21.06	2.42	24.82	2.54	28.58	2.65	33.10	2.79	36.10	2.88	39.86	3.00
	75.2	16.84	2.34	20.60	2.45	24.36	2.56	28.12	2.68	32.64	2.82	35.64	2.91	39.40	3.02
FDXS12L + FDXS12L + FTXS15L	60.8	18.68	2.15	22.44	2.26	26.20	2.37	29.96	2.48	34.47	2.61	37.48	2.70	41.24	2.81
	64.4	18.22	2.17	21.98	2.28	25.74	2.39	29.50	2.50	34.02	2.63	37.02	2.72	40.78	2.83
	68.0	17.76	2.19	21.52	2.30	25.28	2.41	29.04	2.52	33.56	2.66	36.56	2.74	40.32	2.85
	70.0	17.51	2.21	21.27	2.32	25.03	2.43	28.79	2.54	33.30	2.67	36.31	2.76	40.07	2.87
	71.6	17.30	2.22	21.06	2.33	24.82	2.44	28.58	2.55	33.10	2.68	36.10	2.77	39.86	2.88
	75.2	16.84	2.24	20.60	2.35	24.36	2.46	28.12	2.57	32.64	2.70	35.64	2.79	39.40	2.90
FDXS12L + FDXS12L + CDXS15L	60.8	17.95	2.25	21.57	2.37	25.18	2.48	28.79	2.60	33.13	2.74	36.02	2.83	39.63	2.94
	64.4	17.51	2.28	21.12	2.39	24.74	2.51	28.35	2.62	32.69	2.76	35.58	2.85	39.19	2.97
	68.0	17.07	2.30	20.68	2.42	24.30	2.53	27.91	2.65	32.25	2.79	35.14	2.88	38.75	2.99
	70.0	16.82	2.32	20.44	2.43	24.05	2.55	27.66	2.66	32.00	2.80	34.89	2.89	38.50	3.01
	71.6	16.63	2.33	20.24	2.44	23.85	2.56	27.47	2.67	31.80	2.81	34.69	2.90	38.31	3.02
	75.2	16.19	2.35	19.80	2.47	23.41	2.58	27.03	2.70	31.36	2.84	34.25	2.93	37.87	3.04

Symbols:

EWB	: Entering wet bulb temp.	(°F)
EDB	: Entering dry bulb temp.	(°F)
TC	: Total capacity	(kBtu/h)
PI	: Power input	(kW)

Notes:

1. Ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. ■ shows max capacities and power input.
3. TC and PI must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
4. Capacities are based on the following conditions.
5. Corresponding refrigerant piping length : 25 ft

C: 3D093988 ~ 3D093989
C: 3D093990 ~ 3D093999
C: 3D094000

7.3 4MXS36NMVJU

1

Cooling [60 Hz, 208 - 230 V]

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L	68.0	8.61	0.54	8.99	0.55	9.38	0.56	9.57	0.56	10.15	0.58	10.54	0.59
	77.0	8.21	0.57	8.60	0.58	8.99	0.59	9.18	0.60	9.76	0.61	10.15	0.62
	86.0	7.82	0.61	8.21	0.62	8.60	0.63	8.79	0.63	9.37	0.65	9.76	0.66
	89.6	7.67	0.62	8.05	0.63	8.44	0.64	8.63	0.65	9.22	0.66	9.60	0.67
	95.0	7.43	0.64	7.82	0.65	8.21	0.67	8.40	0.67	8.98	0.69	9.37	0.70
	104.0	7.04	0.69	7.43	0.70	7.82	0.71	8.01	0.71	8.59	0.73	8.98	0.74
	109.4	6.81	0.71	7.19	0.72	7.58	0.73	7.77	0.74	8.35	0.75	8.74	0.76
	114.8	6.57	0.74	6.96	0.75	7.35	0.76	7.54	0.77	8.12	0.78	8.51	0.79
FTXS09L	68.0	11.06	0.71	11.56	0.72	12.06	0.73	12.31	0.74	13.06	0.76	13.55	0.78
	77.0	10.56	0.75	11.06	0.76	11.56	0.78	11.81	0.78	12.55	0.81	13.05	0.82
	86.0	10.06	0.80	10.56	0.81	11.05	0.82	11.30	0.83	12.05	0.85	12.55	0.87
	89.6	9.86	0.82	10.36	0.83	10.85	0.84	11.10	0.85	11.85	0.87	12.35	0.89
	95.0	9.56	0.85	10.05	0.86	10.55	0.87	10.80	0.88	11.55	0.90	12.04	0.92
	104.0	9.05	0.90	9.55	0.91	10.05	0.93	10.30	0.93	11.04	0.96	11.54	0.97
	109.4	8.75	0.93	9.25	0.95	9.75	0.96	10.00	0.97	10.74	0.99	11.24	1.00
	114.8	8.45	0.97	8.95	0.98	9.35	0.98	9.54	0.98	10.11	0.98	10.47	0.98
FDXS09L	68.0	9.63	0.67	10.06	0.68	10.50	0.69	10.71	0.98	11.36	0.72	11.80	0.73
	77.0	9.19	0.71	9.63	0.72	10.06	0.73	10.28	0.74	10.92	0.76	11.36	0.77
	86.0	8.76	0.75	9.19	0.76	9.62	0.78	9.84	0.78	10.49	0.80	10.92	0.82
	89.6	8.58	0.77	9.01	0.78	9.45	0.80	9.66	0.80	10.31	0.82	10.75	0.84
	95.0	8.32	0.80	8.75	0.81	9.18	0.82	9.40	0.83	10.05	0.85	10.48	0.86
	104.0	7.88	0.85	8.31	0.86	8.75	0.88	8.96	0.88	9.61	0.90	10.04	0.92
	109.4	7.62	0.88	8.05	0.89	8.48	0.91	8.70	0.91	9.35	0.93	9.78	0.95
	114.8	7.35	0.91	7.79	0.93	8.22	0.94	8.44	0.95	9.09	0.97	9.52	0.98
FTXS12L	68.0	14.75	1.03	15.42	1.05	16.08	1.07	16.41	1.08	17.41	1.11	18.07	1.13
	77.0	14.08	1.09	14.75	1.11	15.41	1.13	15.74	1.14	16.74	1.17	17.40	1.19
	86.0	13.41	1.16	14.08	1.18	14.74	1.20	15.07	1.21	16.07	1.24	16.73	1.26
	89.6	13.14	1.19	13.81	1.21	14.47	1.23	14.80	1.24	15.80	1.27	16.46	1.29
	95.0	12.74	1.23	13.40	1.25	14.07	1.27	14.40	1.28	15.40	1.31	16.06	1.33
	104.0	12.07	1.31	12.73	1.33	13.40	1.35	13.73	1.36	14.72	1.39	15.39	1.41
	109.4	11.67	1.36	12.33	1.38	13.00	1.40	13.33	1.41	14.32	1.44	14.99	1.46
	114.8	8.72	0.98	9.11	0.98	9.49	0.98	9.67	0.98	10.21	0.98	10.56	0.98
FDXS12L	68.0	11.29	0.78	13.38	0.95	13.96	0.97	14.25	0.98	15.11	1.01	15.69	1.02
	77.0	11.29	0.88	12.80	1.01	13.38	1.02	13.66	1.03	14.53	1.06	15.10	1.08
	86.0	11.29	1.00	12.22	1.07	12.79	1.09	13.08	1.10	13.95	1.12	14.52	1.14
	89.6	11.29	1.06	11.99	1.09	12.56	1.11	12.85	1.12	13.71	1.15	14.29	1.17
	95.0	11.06	1.11	11.64	1.13	12.21	1.15	12.50	1.16	13.36	1.19	13.94	1.21
	104.0	10.48	1.19	11.05	1.20	11.63	1.22	11.92	1.23	12.78	1.26	13.36	1.28
	109.4	10.13	1.23	10.70	1.25	11.28	1.27	11.57	1.28	12.43	1.31	13.01	1.32
	114.8	8.13	0.98	8.49	0.98	8.85	0.98	9.03	0.98	9.54	0.98	9.87	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS15L	68.0	18.44	1.17	19.27	1.20	20.10	1.22	20.51	1.23	21.76	1.27	22.59	1.29
	77.0	17.60	1.24	18.43	1.27	19.26	1.29	19.68	1.30	20.92	1.34	21.75	1.36
	86.0	16.76	1.32	17.59	1.34	18.42	1.37	18.84	1.38	20.08	1.41	20.91	1.44
	89.6	16.43	1.35	17.26	1.38	18.09	1.40	18.50	1.41	19.75	1.45	20.58	1.47
	95.0	15.93	1.40	16.76	1.43	17.59	1.45	18.00	1.46	19.24	1.50	20.07	1.52
	104.0	15.09	1.49	15.92	1.52	16.75	1.54	17.16	1.55	18.41	1.59	19.24	1.61
	109.4	14.59	1.55	15.42	1.57	16.24	1.60	16.66	1.61	17.90	1.64	18.73	1.67
	114.8	9.88	0.98	10.30	0.98	10.72	0.98	10.92	0.98	11.51	0.98	11.90	0.98
CDXS15L	68.0	15.98	1.20	16.70	1.22	17.42	1.24	17.78	1.26	18.86	1.29	19.58	1.32
	77.0	15.26	1.27	15.97	1.29	16.69	1.32	17.05	1.33	18.13	1.36	18.85	1.39
	86.0	14.53	1.35	15.25	1.37	15.97	1.39	16.33	1.41	17.40	1.44	18.12	1.47
	89.6	14.24	1.38	14.96	1.40	15.68	1.43	16.04	1.44	17.11	1.48	17.83	1.50
	95.0	13.80	1.43	14.52	1.46	15.24	1.48	15.60	1.49	16.68	1.53	17.40	1.55
	104.0	13.08	1.52	13.80	1.55	14.51	1.57	14.87	1.58	15.95	1.62	16.67	1.64
	109.4	12.64	1.58	13.36	1.61	14.08	1.63	14.44	1.64	15.52	1.68	16.23	1.70
	114.8	8.65	0.98	9.01	0.98	9.37	0.98	9.55	0.98	10.07	0.98	10.40	0.98
FTXS18L	68.0	22.13	1.53	23.12	1.56	24.12	1.59	24.62	1.60	26.11	1.65	27.11	1.68
	77.0	21.12	1.62	22.12	1.65	23.11	1.68	23.61	1.69	25.10	1.74	26.10	1.77
	86.0	20.12	1.72	21.11	1.75	22.11	1.78	22.61	1.79	24.10	1.84	25.09	1.87
	89.6	19.72	1.76	20.71	1.79	21.71	1.82	22.20	1.84	23.70	1.88	24.69	1.91
	95.0	19.11	1.83	20.11	1.86	21.10	1.89	21.60	1.90	23.09	1.95	24.09	1.98
	104.0	18.11	1.94	19.10	1.97	20.10	2.00	20.59	2.02	22.09	2.06	23.08	2.09
	109.4	16.27	1.77	17.01	1.77	17.74	1.77	18.09	1.77	19.14	1.77	19.81	1.77
	114.8	10.18	0.98	10.59	0.98	10.99	0.98	11.19	0.98	11.76	0.98	12.13	0.98
CDXS18L	68.0	18.55	1.43	20.13	1.56	20.99	1.59	21.43	1.60	22.73	1.65	23.59	1.68
	77.0	18.39	1.62	19.25	1.65	20.12	1.68	20.55	1.69	21.85	1.74	22.72	1.77
	86.0	17.51	1.72	18.38	1.75	19.24	1.78	19.68	1.79	20.97	1.84	21.84	1.87
	89.6	17.16	1.76	18.03	1.79	18.89	1.82	19.33	1.84	20.62	1.88	21.49	1.91
	95.0	16.63	1.83	17.50	1.86	18.37	1.89	18.80	1.90	20.10	1.95	20.97	1.98
	104.0	15.76	1.94	16.63	1.97	17.49	2.00	17.92	2.02	19.22	2.06	20.09	2.09
	109.4	14.28	1.77	14.94	1.77	15.58	1.77	15.90	1.77	16.83	1.77	17.43	1.77
	114.8	9.15	0.98	9.52	0.98	9.87	0.98	10.05	0.98	10.56	0.98	10.89	0.98
FTXS24L	68.0	27.83	2.05	30.83	2.34	32.16	2.39	32.82	2.41	34.81	2.48	36.14	2.53
	77.0	27.83	2.38	29.49	2.48	30.82	2.53	31.48	2.55	33.47	2.62	34.80	2.66
	86.0	26.82	2.59	28.15	2.63	29.48	2.68	30.14	2.70	32.13	2.77	33.46	2.81
	89.6	26.29	2.65	27.61	2.70	28.94	2.74	29.60	2.76	31.59	2.83	32.92	2.88
	95.0	25.48	2.75	26.81	2.79	28.14	2.84	28.80	2.86	30.79	2.93	32.12	2.98
	104.0	23.04	2.56	24.10	2.56	25.13	2.56	25.64	2.56	27.13	2.56	28.09	2.56
	109.4	18.21	1.77	18.93	1.77	19.64	1.77	19.99	1.77	21.02	1.77	21.68	1.77
	114.8	11.41	0.98	11.81	0.98	12.20	0.98	12.39	0.98	12.96	0.98	13.32	0.98
CDXS24L	68.0	24.47	2.04	26.76	2.28	27.92	2.32	28.49	2.34	30.22	2.41	31.37	2.45
	77.0	24.45	2.37	25.60	2.41	26.75	2.46	27.33	2.48	29.06	2.54	30.21	2.59
	86.0	23.28	2.51	24.44	2.56	25.59	2.60	26.16	2.62	27.89	2.69	29.04	2.74
	89.6	22.82	2.58	23.97	2.62	25.12	2.66	25.70	2.69	27.43	2.75	28.58	2.80
	95.0	22.12	2.67	23.27	2.72	24.42	2.76	25.00	2.78	26.73	2.85	27.88	2.89
	104.0	20.35	2.56	21.32	2.56	22.26	2.56	22.72	2.56	24.08	2.56	24.96	2.56
	109.4	16.44	1.77	17.10	1.77	17.75	1.77	18.07	1.77	19.00	1.77	19.61	1.77
	114.8	10.48	0.98	10.84	0.98	11.20	0.98	11.37	0.98	11.89	0.98	12.22	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CTXS07L	68.0	17.21	1.07	17.99	1.09	18.76	1.11	19.15	1.12	20.31	1.15	21.08	1.17
	77.0	16.43	1.13	17.20	1.15	17.98	1.17	18.36	1.19	19.53	1.22	20.30	1.24
	86.0	15.65	1.20	16.42	1.22	17.20	1.24	17.58	1.26	18.74	1.29	19.52	1.31
	89.6	15.33	1.23	16.11	1.25	16.88	1.27	17.27	1.29	18.43	1.32	19.20	1.34
	95.0	14.86	1.28	15.64	1.30	16.41	1.32	16.80	1.33	17.96	1.36	18.74	1.38
	104.0	14.08	1.36	14.86	1.38	15.63	1.40	16.02	1.41	17.18	1.44	17.95	1.47
	109.4	13.61	1.41	14.39	1.43	15.16	1.45	15.55	1.46	16.71	1.50	17.48	1.52
	114.8	9.80	0.98	10.23	0.98	10.65	0.98	10.85	0.98	11.45	0.98	11.84	0.98
CTXS07L + FTXS09L	68.0	19.67	1.29	20.56	1.32	21.44	1.34	21.88	1.36	23.21	1.40	24.09	1.42
	77.0	18.78	1.37	19.66	1.40	20.55	1.42	20.99	1.44	22.31	1.47	23.20	1.50
	86.0	17.88	1.46	18.77	1.48	19.65	1.51	20.09	1.52	21.42	1.56	22.31	1.58
	89.6	17.52	1.49	18.41	1.52	19.29	1.54	19.74	1.56	21.06	1.59	21.95	1.62
	95.0	16.99	1.55	17.87	1.57	18.76	1.60	19.20	1.61	20.53	1.65	21.41	1.68
	104.0	16.09	1.65	16.98	1.67	17.86	1.70	18.31	1.71	19.63	1.75	20.52	1.77
	109.4	15.56	1.71	16.44	1.73	17.33	1.76	17.77	1.77	18.82	1.77	19.51	1.77
	114.8	9.93	0.98	10.35	0.98	10.75	0.98	10.95	0.98	11.54	0.98	11.91	0.98
CTXS07L + FDXS09L	68.0	18.44	1.25	19.27	1.28	20.10	1.30	20.51	1.32	21.76	1.35	22.59	1.38
	77.0	17.60	1.33	18.43	1.35	19.26	1.38	19.68	1.39	20.92	1.43	21.75	1.45
	86.0	16.76	1.41	17.59	1.44	18.42	1.46	18.84	1.47	20.08	1.51	20.91	1.54
	89.6	16.43	1.45	17.26	1.47	18.09	1.49	18.50	1.51	19.75	1.54	20.58	1.57
	95.0	15.93	1.50	16.76	1.52	17.59	1.55	18.00	1.56	19.24	1.60	20.07	1.62
	104.0	15.09	1.60	15.92	1.62	16.75	1.64	17.16	1.66	18.41	1.69	19.24	1.72
	109.4	14.59	1.66	15.42	1.68	16.24	1.71	16.66	1.72	17.90	1.76	18.68	1.77
	114.8	9.55	0.98	9.95	0.98	10.34	0.98	10.54	0.98	11.10	0.98	11.47	0.98
CTXS07L + FTXS12L	68.0	23.36	1.66	24.41	1.70	25.46	1.73	25.98	1.75	27.56	1.79	28.61	1.83
	77.0	22.30	1.76	23.35	1.80	24.40	1.83	24.92	1.85	26.50	1.89	27.55	1.93
	86.0	21.24	1.87	22.29	1.90	23.34	1.94	23.86	1.95	25.44	2.00	26.49	2.04
	89.6	20.81	1.92	21.86	1.95	22.91	1.98	23.44	2.00	25.01	2.05	26.06	2.08
	95.0	20.17	1.99	21.22	2.02	22.27	2.06	22.80	2.07	24.38	2.12	25.43	2.15
	104.0	19.11	2.12	20.16	2.15	21.21	2.18	21.74	2.20	23.31	2.25	24.36	2.28
	109.4	16.44	1.77	17.18	1.77	17.89	1.77	18.25	1.77	19.27	1.77	19.94	1.77
	114.8	10.31	0.98	10.72	0.98	11.11	0.98	11.30	0.98	11.87	0.98	12.24	0.98
CTXS07L + FDXS12L	68.0	21.82	1.57	22.80	1.60	23.78	1.63	24.28	1.64	25.75	1.69	26.73	1.72
	77.0	20.83	1.66	21.81	1.69	22.79	1.72	23.28	1.74	24.76	1.78	25.74	1.82
	86.0	19.84	1.76	20.82	1.79	21.80	1.83	22.29	1.84	23.76	1.89	24.75	1.92
	89.6	19.44	1.81	20.42	1.84	21.40	1.87	21.90	1.88	23.37	1.93	24.35	1.96
	95.0	18.85	1.87	19.83	1.91	20.81	1.94	21.30	1.95	22.77	2.00	23.75	2.03
	104.0	17.85	1.99	18.84	2.03	19.82	2.06	20.31	2.07	21.78	2.12	22.76	2.15
	109.4	15.86	1.77	16.58	1.77	17.28	1.77	17.63	1.77	18.64	1.77	19.30	1.77
	114.8	9.98	0.98	10.38	0.98	10.77	0.98	10.96	0.98	11.52	0.98	11.88	0.98
CTXS07L + FTXS15L	68.0	27.05	1.80	28.26	1.83	29.48	1.87	30.09	1.89	31.91	1.94	33.13	1.98
	77.0	25.82	1.91	27.03	1.94	28.25	1.98	28.86	2.00	30.68	2.05	31.90	2.09
	86.0	24.59	2.02	25.80	2.06	27.02	2.10	27.63	2.11	29.45	2.17	30.67	2.20
	89.6	24.10	2.07	25.31	2.11	26.53	2.15	27.14	2.16	28.96	2.22	30.18	2.25
	95.0	23.36	2.15	24.58	2.19	25.79	2.22	26.40	2.24	28.22	2.30	29.44	2.33
	104.0	22.13	2.29	23.35	2.33	24.56	2.36	25.17	2.38	27.00	2.43	28.21	2.47
	109.4	18.14	1.77	18.93	1.77	19.70	1.77	20.07	1.77	21.18	1.77	21.89	1.77
	114.8	11.23	0.98	11.66	0.98	12.09	0.98	12.29	0.98	12.90	0.98	13.30	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CDXS15L	68.0	25.31	1.89	26.44	1.92	27.58	1.96	28.15	1.98	29.86	2.04	31.00	2.08
	77.0	24.16	2.00	25.29	2.04	26.43	2.08	27.00	2.09	28.71	2.15	29.85	2.19
	86.0	23.01	2.12	24.14	2.16	25.28	2.20	25.85	2.22	27.56	2.27	28.70	2.31
	89.6	22.55	2.18	23.68	2.21	24.82	2.25	25.39	2.27	27.10	2.33	28.23	2.36
	95.0	21.86	2.26	22.99	2.30	24.13	2.33	24.70	2.35	26.41	2.41	27.54	2.45
	104.0	20.70	2.40	21.84	2.44	22.98	2.48	23.55	2.50	25.26	2.55	26.24	2.56
	109.4	16.84	1.77	17.56	1.77	18.27	1.77	18.61	1.77	19.63	1.77	20.28	1.77
	114.8	10.58	0.98	10.98	0.98	11.37	0.98	11.56	0.98	12.12	0.98	12.48	0.98
CTXS07L + FTXS18L	68.0	30.74	2.23	32.12	2.28	33.50	2.32	34.19	2.34	36.26	2.41	37.65	2.45
	77.0	29.34	2.37	30.72	2.41	32.10	2.46	32.79	2.48	34.87	2.54	36.25	2.59
	86.0	27.94	2.51	29.32	2.56	30.71	2.60	31.40	2.62	33.47	2.69	34.85	2.74
	89.6	27.38	2.58	28.76	2.62	30.15	2.66	30.84	2.69	32.91	2.75	34.29	2.80
	95.0	26.54	2.67	27.93	2.72	29.31	2.76	30.00	2.78	32.07	2.85	33.46	2.89
	104.0	24.13	2.56	25.24	2.56	26.32	2.56	26.85	2.56	28.41	2.56	29.42	2.56
	109.4	18.87	1.77	19.64	1.77	20.38	1.77	20.75	1.77	21.82	1.77	22.52	1.77
	114.8	11.73	0.98	12.15	0.98	12.56	0.98	12.76	0.98	13.36	0.98	13.74	0.98
CTXS07L + CDXS18L	68.0	28.58	2.26	29.87	2.30	31.15	2.35	31.80	2.37	33.73	2.44	35.01	2.48
	77.0	27.28	2.39	28.57	2.44	29.86	2.48	30.50	2.50	32.43	2.57	33.71	2.62
	86.0	25.99	2.54	27.27	2.59	28.56	2.63	29.20	2.65	31.13	2.72	32.41	2.77
	89.6	25.47	2.60	26.75	2.65	28.04	2.69	28.68	2.72	30.61	2.78	31.89	2.83
	95.0	24.69	2.70	25.97	2.75	27.26	2.79	27.90	2.81	29.83	2.88	31.11	2.93
	104.0	22.48	2.56	23.52	2.56	24.54	2.56	25.04	2.56	26.50	2.56	27.45	2.56
	109.4	17.82	1.77	18.54	1.77	19.24	1.77	19.58	1.77	20.59	1.77	21.25	1.77
	114.8	11.20	0.98	11.59	0.98	11.98	0.98	12.17	0.98	12.72	0.98	13.09	0.98
CTXS07L + FTXS24L	68.0	35.24	2.75	36.83	2.80	38.41	2.86	39.21	2.88	41.58	2.97	43.17	3.02
	77.0	33.64	2.91	35.23	2.97	36.81	3.02	37.60	3.05	39.98	3.13	41.57	3.19
	86.0	32.04	3.09	33.62	3.15	35.21	3.20	36.00	3.23	38.38	3.31	39.96	3.37
	89.6	31.40	3.17	32.98	3.22	34.57	3.28	35.36	3.30	37.74	3.39	39.32	3.44
	95.0	30.44	3.29	32.02	3.34	33.61	3.40	34.40	3.42	36.78	3.51	38.36	3.56
	104.0	26.02	2.56	27.12	2.56	28.20	2.56	28.73	2.56	30.29	2.56	31.30	2.56
	109.4	20.34	1.77	21.10	1.77	21.85	1.77	22.21	1.77	23.28	1.77	23.98	1.77
	114.8	12.64	0.98	13.06	0.98	13.47	0.98	13.67	0.98	14.26	0.98	14.65	0.98
CTXS07L + CDXS24L	68.0	32.89	2.73	34.37	2.78	35.84	2.84	36.58	2.87	38.80	2.95	40.28	3.00
	77.0	31.39	2.89	32.87	2.95	34.35	3.00	35.09	3.03	37.31	3.11	38.79	3.17
	86.0	29.90	3.07	31.38	3.13	32.86	3.18	33.59	3.21	35.81	3.29	37.29	3.35
	89.6	29.30	3.15	30.78	3.20	32.26	3.26	33.00	3.29	35.22	3.37	36.69	3.42
	95.0	28.40	3.27	29.88	3.32	31.36	3.38	32.10	3.40	34.32	3.49	35.80	3.54
	104.0	24.61	2.56	25.67	2.56	26.69	2.56	27.20	2.56	28.69	2.56	29.65	2.56
	109.4	19.43	1.77	20.16	1.77	20.86	1.77	21.21	1.77	22.24	1.77	22.90	1.77
	114.8	12.16	0.98	12.56	0.98	12.95	0.98	13.15	0.98	13.71	0.98	14.08	0.98
FTXS09L + FTXS09L	68.0	22.13	1.53	23.12	1.56	24.12	1.59	24.62	1.61	26.11	1.66	27.11	1.69
	77.0	21.12	1.63	22.12	1.66	23.11	1.69	23.61	1.70	25.10	1.75	26.10	1.78
	86.0	20.12	1.73	21.11	1.76	22.11	1.79	22.61	1.80	24.10	1.85	25.09	1.88
	89.6	19.72	1.77	20.71	1.80	21.71	1.83	22.20	1.85	23.70	1.89	24.69	1.92
	95.0	19.11	1.84	20.11	1.87	21.10	1.90	21.60	1.91	23.09	1.96	24.09	1.99
	104.0	18.11	1.95	19.10	1.98	20.10	2.01	20.59	2.03	22.09	2.08	23.08	2.11
	109.4	16.23	1.77	16.97	1.77	17.69	1.77	18.04	1.77	19.08	1.77	19.75	1.77
	114.8	10.16	0.98	10.57	0.98	10.97	0.98	11.16	0.98	11.74	0.98	12.11	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FDXS09L	68.0	20.70	1.45	21.63	1.47	22.56	1.50	23.02	1.52	24.42	1.56	25.35	1.59
	77.0	19.75	1.53	20.69	1.56	21.62	1.59	22.08	1.60	23.48	1.65	24.41	1.68
	86.0	18.81	1.63	19.74	1.66	20.68	1.68	21.14	1.70	22.54	1.74	23.47	1.77
	89.6	18.44	1.67	19.37	1.70	20.30	1.72	20.76	1.74	22.16	1.78	23.09	1.81
	95.0	17.87	1.73	18.80	1.76	19.73	1.79	20.20	1.80	21.60	1.85	22.53	1.87
	104.0	16.93	1.84	17.86	1.87	18.79	1.90	19.26	1.91	20.66	1.96	21.59	1.98
	109.4	15.69	1.77	16.42	1.77	17.13	1.77	17.48	1.77	18.50	1.77	19.16	1.77
	114.8	9.86	0.98	10.26	0.98	10.65	0.98	10.84	0.98	11.41	0.98	11.77	0.98
FDXS09L + FDXS09L	68.0	19.26	1.37	20.13	1.40	20.99	1.43	21.43	1.44	22.73	1.48	23.59	1.51
	77.0	18.39	1.46	19.25	1.48	20.12	1.51	20.55	1.52	21.85	1.57	22.72	1.59
	86.0	17.51	1.55	18.38	1.57	19.24	1.60	19.68	1.61	20.97	1.66	21.84	1.68
	89.6	17.16	1.58	18.03	1.61	18.89	1.64	19.33	1.65	20.62	1.69	21.49	1.72
	95.0	16.63	1.64	17.50	1.67	18.37	1.70	18.80	1.71	20.10	1.75	20.97	1.78
	104.0	15.76	1.75	16.63	1.78	17.49	1.80	17.92	1.82	19.22	1.86	20.09	1.89
	109.4	15.03	1.77	15.74	1.77	16.44	1.77	16.78	1.77	17.77	1.77	18.42	1.77
	114.8	9.50	0.98	9.89	0.98	10.27	0.98	10.46	0.98	11.01	0.98	11.37	0.98
FTXS09L + FTXS12L	68.0	25.82	1.94	26.98	1.97	28.14	2.01	28.72	2.03	30.46	2.09	31.62	2.13
	77.0	24.64	2.05	25.81	2.09	26.97	2.13	27.55	2.15	29.29	2.21	30.45	2.24
	86.0	23.47	2.18	24.63	2.22	25.79	2.26	26.37	2.28	28.11	2.33	29.28	2.37
	89.6	23.00	2.23	24.16	2.27	25.32	2.31	25.90	2.33	27.65	2.39	28.81	2.43
	95.0	22.30	2.32	23.46	2.35	24.62	2.39	25.20	2.41	26.94	2.47	28.10	2.51
	104.0	21.12	2.46	22.29	2.50	23.45	2.54	24.03	2.56	25.50	2.56	26.46	2.56
	109.4	17.00	1.77	17.72	1.77	18.42	1.77	18.77	1.77	19.79	1.77	20.45	1.77
	114.8	10.68	0.98	11.08	0.98	11.46	0.98	11.65	0.98	12.21	0.98	12.58	0.98
FTXS09L + FDXS12L	68.0	24.18	1.83	25.27	1.87	26.35	1.90	26.90	1.92	28.53	1.98	29.61	2.01
	77.0	23.08	1.94	24.17	1.98	25.25	2.01	25.80	2.03	27.43	2.09	28.52	2.12
	86.0	21.98	2.06	23.07	2.10	24.16	2.13	24.70	2.15	26.33	2.21	27.42	2.24
	89.6	21.54	2.11	22.63	2.15	23.72	2.18	24.26	2.20	25.89	2.26	26.98	2.29
	95.0	20.88	2.19	21.97	2.23	23.06	2.26	23.60	2.28	25.23	2.34	26.32	2.37
	104.0	19.78	2.33	20.87	2.37	21.96	2.40	22.50	2.42	24.13	2.48	25.22	2.51
	109.4	16.35	1.77	17.06	1.77	17.76	1.77	18.09	1.77	19.09	1.77	19.74	1.77
	114.8	10.32	0.98	10.71	0.98	11.09	0.98	11.27	0.98	11.82	0.98	12.18	0.98
FDXS09L + FTXS12L	68.0	24.18	1.79	25.27	1.83	26.35	1.86	26.90	1.88	28.53	1.93	29.61	1.97
	77.0	23.08	1.90	24.17	1.93	25.25	1.97	25.80	1.99	27.43	2.04	28.52	2.08
	86.0	21.98	2.02	23.07	2.05	24.16	2.09	24.70	2.11	26.33	2.16	27.42	2.19
	89.6	21.54	2.07	22.63	2.10	23.72	2.14	24.26	2.15	25.89	2.21	26.98	2.24
	95.0	20.88	2.14	21.97	2.18	23.06	2.21	23.60	2.23	25.23	2.29	26.32	2.32
	104.0	19.78	2.28	20.87	2.32	21.96	2.35	22.50	2.37	24.13	2.42	25.22	2.46
	109.4	16.48	1.77	17.19	1.77	17.90	1.77	18.24	1.77	19.25	1.77	19.90	1.77
	114.8	10.37	0.98	10.76	0.98	11.15	0.98	11.34	0.98	11.90	0.98	12.26	0.98
FDXS09L + FDXS12L	68.0	22.44	1.69	23.45	1.73	24.45	1.76	24.96	1.78	26.47	1.83	27.48	1.86
	77.0	21.42	1.80	22.43	1.83	23.43	1.86	23.94	1.88	25.45	1.93	26.46	1.97
	86.0	20.40	1.91	21.41	1.94	22.42	1.97	22.92	1.99	24.43	2.04	25.44	2.08
	89.6	19.99	1.95	21.00	1.99	22.01	2.02	22.51	2.04	24.03	2.09	25.03	2.12
	95.0	19.38	2.03	20.39	2.06	21.40	2.10	21.90	2.11	23.41	2.16	24.42	2.20
	104.0	18.36	2.16	19.37	2.19	20.38	2.22	20.88	2.24	22.39	2.29	23.40	2.33
	109.4	15.74	1.77	16.44	1.77	17.12	1.77	17.46	1.77	18.44	1.77	19.08	1.77
	114.8	9.96	0.98	10.34	0.98	10.72	0.98	10.90	0.98	11.45	0.98	11.80	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS15L	68.0	29.51	2.09	30.83	2.13	32.16	2.17	32.82	2.19	34.81	2.25	36.14	2.30
	77.0	28.16	2.21	29.49	2.26	30.82	2.30	31.48	2.32	33.47	2.38	34.80	2.42
	86.0	26.82	2.35	28.15	2.39	29.48	2.43	30.14	2.45	32.13	2.52	33.46	2.56
	89.6	26.29	2.41	27.61	2.45	28.94	2.49	29.60	2.51	31.59	2.57	32.92	2.62
	95.0	25.48	2.50	26.81	2.54	28.14	2.58	28.80	2.60	30.79	2.67	32.12	2.71
	104.0	23.76	2.56	24.88	2.56	25.97	2.56	26.51	2.56	28.08	2.56	29.09	2.56
	109.4	18.57	1.77	19.34	1.77	20.09	1.77	20.45	1.77	21.53	1.77	22.23	1.77
	114.8	11.53	0.98	11.96	0.98	12.37	0.98	12.57	0.98	13.17	0.98	13.55	0.98
FTXS09L + CDXS15L	68.0	27.56	2.12	28.80	2.16	30.04	2.20	30.66	2.23	32.52	2.29	33.76	2.33
	77.0	26.31	2.25	27.55	2.29	28.79	2.33	29.41	2.35	31.26	2.42	32.50	2.46
	86.0	25.05	2.39	26.29	2.43	27.53	2.47	28.15	2.49	30.01	2.56	31.25	2.60
	89.6	24.55	2.45	25.79	2.49	27.03	2.53	27.65	2.55	29.51	2.61	30.75	2.66
	95.0	23.80	2.54	25.04	2.58	26.28	2.62	26.90	2.64	28.76	2.71	30.00	2.75
	104.0	22.12	2.56	23.16	2.56	24.19	2.56	24.69	2.56	26.17	2.56	27.12	2.56
	109.4	17.52	1.77	18.24	1.77	18.95	1.77	19.29	1.77	20.31	1.77	20.97	1.77
	114.8	11.00	0.98	11.40	0.98	11.79	0.98	11.98	0.98	12.54	0.98	12.90	0.98
FDXS09L + FTXS15L	68.0	27.56	1.93	28.80	1.97	30.04	2.00	30.66	2.02	32.52	2.08	33.76	2.12
	77.0	26.31	2.04	27.55	2.08	28.79	2.12	29.41	2.14	31.26	2.20	32.50	2.24
	86.0	25.05	2.17	26.29	2.21	27.53	2.25	28.15	2.27	30.01	2.32	31.25	2.36
	89.6	24.55	2.22	25.79	2.26	27.03	2.30	27.65	2.32	29.51	2.38	30.75	2.42
	95.0	23.80	2.31	25.04	2.34	26.28	2.38	26.90	2.40	28.76	2.46	30.00	2.50
	104.0	22.55	2.45	23.79	2.49	25.03	2.53	25.65	2.55	27.26	2.56	28.26	2.56
	109.4	17.98	1.77	18.74	1.77	19.49	1.77	19.85	1.77	20.92	1.77	21.62	1.77
	114.8	11.18	0.98	11.60	0.98	12.01	0.98	12.21	0.98	12.81	0.98	13.19	0.98
FDXS09L + CDXS15L	68.0	25.61	1.98	26.76	2.01	27.92	2.05	28.49	2.07	30.22	2.13	31.37	2.17
	77.0	24.45	2.09	25.60	2.13	26.75	2.17	27.33	2.19	29.06	2.25	30.21	2.29
	86.0	23.28	2.22	24.44	2.26	25.59	2.30	26.16	2.32	27.89	2.38	29.04	2.42
	89.6	22.82	2.28	23.97	2.32	25.12	2.36	25.70	2.38	27.43	2.44	28.58	2.48
	95.0	22.12	2.36	23.27	2.40	24.42	2.44	25.00	2.46	26.73	2.52	27.88	2.56
	104.0	20.96	2.52	22.11	2.55	23.13	2.56	23.63	2.56	25.08	2.56	26.01	2.56
	109.4	16.79	1.77	17.50	1.77	18.19	1.77	18.53	1.77	19.53	1.77	20.18	1.77
	114.8	10.58	0.98	10.97	0.98	11.35	0.98	11.54	0.98	12.09	0.98	12.45	0.98
FTXS09L + FTXS18L	68.0	32.27	2.39	33.72	2.44	35.17	2.49	35.90	2.51	38.08	2.58	39.53	2.63
	77.0	30.81	2.54	32.26	2.58	33.71	2.63	34.43	2.66	36.61	2.73	38.06	2.78
	86.0	29.34	2.69	30.79	2.74	32.24	2.79	32.97	2.81	35.14	2.88	36.59	2.93
	89.6	28.75	2.76	30.20	2.81	31.65	2.86	32.38	2.88	34.56	2.95	36.01	3.00
	95.0	27.87	2.86	29.32	2.91	30.77	2.96	31.50	2.98	33.68	3.05	35.13	3.10
	104.0	24.74	2.56	25.84	2.56	26.93	2.56	27.46	2.56	29.02	2.56	30.03	2.56
	109.4	19.34	1.77	20.11	1.77	20.85	1.77	21.22	1.77	22.29	1.77	22.99	1.77
	114.8	12.02	0.98	12.44	0.98	12.85	0.98	13.05	0.98	13.65	0.98	14.03	0.98
FTXS09L + CDXS18L	68.0	30.02	2.47	31.37	2.51	32.72	2.56	33.39	2.59	35.42	2.66	36.77	2.71
	77.0	28.65	2.61	30.00	2.66	31.35	2.71	32.03	2.74	34.05	2.81	35.40	2.86
	86.0	27.29	2.78	28.64	2.82	29.99	2.87	30.66	2.90	32.69	2.97	34.04	3.02
	89.6	26.74	2.84	28.09	2.89	29.44	2.94	30.12	2.97	32.14	3.04	33.49	3.09
	95.0	25.93	2.95	27.28	3.00	28.63	3.05	29.30	3.07	31.32	3.15	32.67	3.20
	104.0	23.06	2.56	24.10	2.56	25.10	2.56	25.60	2.56	27.06	2.56	28.00	2.56
	109.4	18.30	1.77	19.01	1.77	19.71	1.77	20.05	1.77	21.05	1.77	21.70	1.77
	114.8	11.50	0.98	11.90	0.98	12.28	0.98	12.47	0.98	13.02	0.98	13.38	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FTXS18L	68.0	30.02	2.18	31.37	2.22	32.72	2.26	33.39	2.28	35.42	2.35	36.77	2.39
	77.0	28.65	2.31	30.00	2.35	31.35	2.39	32.03	2.42	34.05	2.48	35.40	2.52
	86.0	27.29	2.45	28.64	2.49	29.99	2.54	30.66	2.56	32.69	2.62	34.04	2.67
	89.6	26.74	2.51	28.09	2.55	29.44	2.60	30.12	2.62	32.14	2.68	33.49	2.73
	95.0	25.93	2.60	27.28	2.65	28.63	2.69	29.30	2.71	31.32	2.78	32.67	2.82
	104.0	23.80	2.56	24.90	2.56	25.98	2.56	26.51	2.56	28.06	2.56	29.07	2.56
	109.4	18.63	1.77	19.39	1.77	20.13	1.77	20.50	1.77	21.57	1.77	22.26	1.77
	114.8	11.59	0.98	12.01	0.98	12.42	0.98	12.62	0.98	13.21	0.98	13.59	0.98
FDXS09L + CDXS18L	68.0	27.66	2.20	28.91	2.24	30.15	2.29	30.77	2.31	32.64	2.38	33.88	2.42
	77.0	26.40	2.33	27.65	2.38	28.89	2.42	29.51	2.44	31.38	2.51	32.62	2.55
	86.0	25.15	2.48	26.39	2.52	27.64	2.56	28.26	2.59	30.12	2.65	31.37	2.70
	89.6	24.64	2.54	25.89	2.58	27.13	2.63	27.75	2.65	29.62	2.71	30.86	2.76
	95.0	23.89	2.63	25.13	2.68	26.38	2.72	27.00	2.74	28.87	2.81	30.11	2.85
	104.0	21.95	2.56	22.98	2.56	23.98	2.56	24.48	2.56	25.93	2.56	26.87	2.56
	109.4	17.45	1.77	18.16	1.77	18.85	1.77	19.19	1.77	20.19	1.77	20.84	1.77
	114.8	10.99	0.98	11.38	0.98	11.76	0.98	11.95	0.98	12.50	0.98	12.86	0.98
FTXS09L + FTXS24L	68.0	36.68	2.75	38.33	2.81	39.98	2.86	40.80	2.89	43.27	2.97	44.92	3.03
	77.0	35.01	2.92	36.66	2.97	38.31	3.03	39.13	3.06	41.61	3.14	43.26	3.19
	86.0	33.34	3.10	34.99	3.16	36.64	3.21	37.47	3.24	39.94	3.32	41.59	3.38
	89.6	32.68	3.18	34.33	3.23	35.98	3.29	36.80	3.31	39.27	3.40	40.92	3.45
	95.0	31.68	3.30	33.33	3.35	34.98	3.41	35.80	3.43	38.27	3.52	39.92	3.57
	104.0	26.86	2.56	28.00	2.56	29.11	2.56	29.66	2.56	31.26	2.56	32.30	2.56
	109.4	20.90	1.77	21.68	1.77	22.44	1.77	22.82	1.77	23.92	1.77	24.63	1.77
	114.8	12.93	0.98	13.36	0.98	13.78	0.98	13.99	0.98	14.59	0.98	14.99	0.98
FTXS09L + CDXS24L	68.0	34.22	2.74	35.76	2.79	37.30	2.85	38.07	2.87	40.37	2.96	41.91	3.01
	77.0	32.66	2.90	34.20	2.96	35.74	3.01	36.51	3.04	38.82	3.12	40.36	3.18
	86.0	31.11	3.08	32.65	3.14	34.19	3.19	34.96	3.22	37.26	3.30	38.80	3.36
	89.6	30.49	3.16	32.02	3.21	33.56	3.27	34.33	3.30	36.64	3.38	38.18	3.43
	95.0	29.55	3.28	31.09	3.33	32.63	3.39	33.40	3.41	35.71	3.50	37.25	3.55
	104.0	25.41	2.56	26.49	2.56	27.55	2.56	28.07	2.56	29.59	2.56	30.59	2.56
	109.4	19.95	1.77	20.69	1.77	21.42	1.77	21.78	1.77	22.83	1.77	23.51	1.77
	114.8	12.43	0.98	12.84	0.98	13.24	0.98	13.44	0.98	14.02	0.98	14.40	0.98
FDXS09L + FTXS24L	68.0	34.22	2.67	35.76	2.73	37.30	2.78	38.07	2.81	40.37	2.89	41.91	2.94
	77.0	32.66	2.83	34.20	2.89	35.74	2.94	36.51	2.97	38.82	3.05	40.36	3.10
	86.0	31.11	3.01	32.65	3.06	34.19	3.12	34.96	3.14	37.26	3.22	38.80	3.28
	89.6	30.49	3.08	32.02	3.14	33.56	3.19	34.33	3.22	36.64	3.30	38.18	3.35
	95.0	29.55	3.20	31.09	3.25	32.63	3.31	33.40	3.33	35.71	3.41	37.25	3.47
	104.0	25.47	2.56	26.57	2.56	27.64	2.56	28.16	2.56	29.71	2.56	30.71	2.56
	109.4	19.96	1.77	20.71	1.77	21.45	1.77	21.81	1.77	22.87	1.77	23.56	1.77
	114.8	12.42	0.98	12.84	0.98	13.24	0.98	13.44	0.98	14.03	0.98	14.41	0.98
FDXS09L + CDXS24L	68.0	31.76	2.67	33.19	2.72	34.62	2.77	35.33	2.80	37.47	2.88	38.90	2.93
	77.0	30.32	2.83	31.74	2.88	33.17	2.93	33.89	2.96	36.03	3.04	37.46	3.09
	86.0	28.87	3.00	30.30	3.05	31.73	3.11	32.44	3.13	34.59	3.21	36.01	3.27
	89.6	28.30	3.08	29.72	3.13	31.15	3.18	31.87	3.21	34.01	3.29	35.44	3.34
	95.0	27.43	3.19	28.86	3.24	30.29	3.30	31.00	3.32	33.14	3.40	34.57	3.46
	104.0	23.97	2.56	25.00	2.56	26.02	2.56	26.52	2.56	27.98	2.56	28.93	2.56
	109.4	18.98	1.77	19.70	1.77	20.39	1.77	20.74	1.77	21.75	1.77	22.40	1.77
	114.8	11.91	0.98	12.31	0.98	12.69	0.98	12.88	0.98	13.44	0.98	13.80	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS12L + FTXS12L	68.0	29.51	2.38	30.83	2.43	32.16	2.48	32.82	2.50	34.81	2.58	36.14	2.62
	77.0	28.16	2.53	29.49	2.58	30.82	2.62	31.48	2.65	33.47	2.72	34.80	2.77
	86.0	26.82	2.68	28.15	2.73	29.48	2.78	30.14	2.80	32.13	2.88	33.46	2.92
	89.6	26.29	2.75	27.61	2.80	28.94	2.85	29.60	2.87	31.59	2.94	32.92	2.99
	95.0	25.48	2.85	26.81	2.90	28.14	2.95	28.80	2.97	30.79	3.04	32.12	3.09
	104.0	22.85	2.56	23.89	2.56	24.90	2.56	25.40	2.56	26.86	2.56	27.80	2.56
	109.4	18.12	1.77	18.84	1.77	19.53	1.77	19.88	1.77	20.88	1.77	21.53	1.77
	114.8	11.39	0.98	11.78	0.98	12.17	0.98	12.35	0.98	12.91	0.98	13.27	0.98
FDXS12L + FTXS12L	68.0	26.26	2.02	28.80	2.26	30.04	2.30	30.66	2.33	32.52	2.39	33.76	2.44
	77.0	26.26	2.34	27.55	2.39	28.79	2.44	29.41	2.46	31.26	2.53	32.50	2.57
	86.0	25.05	2.50	26.29	2.54	27.53	2.58	28.15	2.61	30.01	2.67	31.25	2.72
	89.6	24.55	2.56	25.79	2.60	27.03	2.64	27.65	2.67	29.51	2.73	30.75	2.78
	95.0	23.80	2.65	25.04	2.70	26.28	2.74	26.90	2.76	28.76	2.83	30.00	2.87
	104.0	21.83	2.56	22.85	2.56	23.85	2.56	24.34	2.56	25.78	2.56	26.71	2.56
	109.4	17.38	1.77	18.09	1.77	18.77	1.77	19.11	1.77	20.10	1.77	20.75	1.77
	114.8	10.96	0.98	11.34	0.98	11.72	0.98	11.91	0.98	12.46	0.98	12.81	0.98
FDXS12L + FDXS12L	68.0	22.59	1.67	26.76	2.14	27.92	2.18	28.49	2.20	30.22	2.26	31.37	2.30
	77.0	22.59	1.91	25.60	2.26	26.75	2.31	27.33	2.33	29.06	2.39	30.21	2.43
	86.0	22.59	2.22	24.44	2.40	25.59	2.44	26.16	2.46	27.89	2.53	29.04	2.57
	89.6	22.59	2.37	23.97	2.46	25.12	2.50	25.70	2.52	27.43	2.58	28.58	2.63
	95.0	22.12	2.51	23.27	2.55	24.42	2.59	25.00	2.61	26.73	2.68	27.88	2.72
	104.0	20.67	2.56	21.67	2.56	22.64	2.56	23.12	2.56	24.52	2.56	25.43	2.56
	109.4	16.58	1.77	17.26	1.77	17.93	1.77	18.26	1.77	19.23	1.77	19.85	1.77
	114.8	10.51	0.98	10.88	0.98	11.25	0.98	11.43	0.98	11.97	0.98	12.31	0.98
FTXS12L + FTXS15L	68.0	32.27	2.40	33.72	2.45	35.17	2.50	35.90	2.52	38.08	2.59	39.53	2.64
	77.0	30.81	2.55	32.26	2.59	33.71	2.64	34.43	2.67	36.61	2.74	38.06	2.78
	86.0	29.34	2.70	30.79	2.75	32.24	2.80	32.97	2.82	35.14	2.89	36.59	2.94
	89.6	28.75	2.77	30.20	2.82	31.65	2.87	32.38	2.89	34.56	2.96	36.01	3.01
	95.0	27.87	2.87	29.32	2.92	30.77	2.97	31.50	2.99	33.68	3.06	35.13	3.11
	104.0	24.71	2.56	25.82	2.56	26.90	2.56	27.43	2.56	28.99	2.56	30.00	2.56
	109.4	19.34	1.77	20.10	1.77	20.84	1.77	21.20	1.77	22.28	1.77	22.97	1.77
	114.8	12.02	0.98	12.44	0.98	12.85	0.98	13.05	0.98	13.64	0.98	14.03	0.98
FTXS12L + CDXS15L	68.0	30.02	2.43	31.37	2.47	32.72	2.52	33.39	2.55	35.42	2.62	36.77	2.67
	77.0	28.65	2.57	30.00	2.62	31.35	2.67	32.03	2.69	34.05	2.76	35.40	2.81
	86.0	27.29	2.73	28.64	2.78	29.99	2.83	30.66	2.85	32.69	2.92	34.04	2.97
	89.6	26.74	2.80	28.09	2.85	29.44	2.89	30.12	2.92	32.14	2.99	33.49	3.04
	95.0	25.93	2.90	27.28	2.95	28.63	3.00	29.30	3.02	31.32	3.10	32.67	3.14
	104.0	23.13	2.56	24.17	2.56	25.19	2.56	25.69	2.56	27.15	2.56	28.10	2.56
	109.4	18.32	1.77	19.04	1.77	19.74	1.77	20.08	1.77	21.09	1.77	21.75	1.77
	114.8	11.50	0.98	11.90	0.98	12.28	0.98	12.47	0.98	13.03	0.98	13.39	0.98
FDXS12L + FTXS15L	68.0	30.02	2.22	31.37	2.27	32.72	2.31	33.39	2.34	35.42	2.40	36.77	2.45
	77.0	28.65	2.36	30.00	2.40	31.35	2.45	32.03	2.47	34.05	2.54	35.40	2.58
	86.0	27.29	2.50	28.64	2.55	29.99	2.59	30.66	2.61	32.69	2.68	34.04	2.73
	89.6	26.74	2.57	28.09	2.61	29.44	2.65	30.12	2.68	32.14	2.74	33.49	2.79
	95.0	25.93	2.66	27.28	2.71	28.63	2.75	29.30	2.77	31.32	2.84	32.67	2.88
	104.0	23.63	2.56	24.72	2.56	25.78	2.56	26.31	2.56	27.84	2.56	28.83	2.56
	109.4	18.55	1.77	19.30	1.77	20.03	1.77	20.39	1.77	21.45	1.77	22.13	1.77
	114.8	11.56	0.98	11.97	0.98	12.38	0.98	12.58	0.98	13.16	0.98	13.54	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS12L + CDXS15L	68.0	27.66	2.21	28.91	2.25	30.15	2.30	30.77	2.32	32.64	2.38	33.88	2.43
	77.0	26.40	2.34	27.65	2.39	28.89	2.43	29.51	2.45	31.38	2.52	32.62	2.56
	86.0	25.15	2.49	26.39	2.53	27.64	2.57	28.26	2.60	30.12	2.66	31.37	2.71
	89.6	24.64	2.55	25.89	2.59	27.13	2.64	27.75	2.66	29.62	2.72	30.86	2.77
	95.0	23.89	2.64	25.13	2.69	26.38	2.73	27.00	2.75	28.87	2.82	30.11	2.86
	104.0	21.93	2.56	22.95	2.56	23.96	2.56	24.45	2.56	25.90	2.56	26.83	2.56
	109.4	17.44	1.77	18.15	1.77	18.84	1.77	19.18	1.77	20.17	1.77	20.82	1.77
	114.8	10.99	0.98	11.37	0.98	11.76	0.98	11.94	0.98	12.49	0.98	12.85	0.98
FTXS12L + FTXS18L	68.0	34.42	2.67	35.97	2.73	37.52	2.78	38.29	2.81	40.62	2.89	42.16	2.94
	77.0	32.86	2.83	34.41	2.89	35.96	2.94	36.73	2.97	39.05	3.05	40.60	3.10
	86.0	31.29	3.01	32.84	3.06	34.39	3.12	35.16	3.14	37.49	3.22	39.03	3.28
	89.6	30.67	3.08	32.22	3.14	33.76	3.19	34.54	3.22	36.86	3.30	38.41	3.35
	95.0	29.73	3.20	31.28	3.25	32.83	3.31	33.60	3.33	35.92	3.41	37.47	3.47
	104.0	25.60	2.56	26.70	2.56	27.77	2.56	28.30	2.56	29.85	2.56	30.86	2.56
	109.4	20.04	1.77	20.80	1.77	21.54	1.77	21.90	1.77	22.97	1.77	23.66	1.77
	114.8	12.46	0.98	12.88	0.98	13.29	0.98	13.49	0.98	14.08	0.98	14.46	0.98
FTXS12L + CDXS18L	68.0	32.07	2.68	33.51	2.74	34.95	2.79	35.67	2.82	37.84	2.90	39.28	2.95
	77.0	30.61	2.84	32.05	2.90	33.49	2.95	34.21	2.98	36.38	3.06	37.82	3.11
	86.0	29.15	3.02	30.59	3.07	32.04	3.13	32.76	3.15	34.92	3.23	36.36	3.29
	89.6	28.57	3.09	30.01	3.15	31.45	3.20	32.17	3.23	34.34	3.31	35.78	3.36
	95.0	27.69	3.21	29.14	3.26	30.58	3.32	31.30	3.34	33.46	3.42	34.91	3.48
	104.0	24.15	2.56	25.19	2.56	26.20	2.56	26.71	2.56	28.18	2.56	29.13	2.56
	109.4	19.11	1.77	19.82	1.77	20.52	1.77	20.87	1.77	21.88	1.77	22.54	1.77
	114.8	11.98	0.98	12.38	0.98	12.76	0.98	12.95	0.98	13.51	0.98	13.88	0.98
FDXS12L + FTXS18L	68.0	32.07	2.49	33.51	2.54	34.95	2.59	35.67	2.61	37.84	2.69	39.28	2.74
	77.0	30.61	2.64	32.05	2.69	33.49	2.74	34.21	2.76	36.38	2.84	37.82	2.89
	86.0	29.15	2.80	30.59	2.85	32.04	2.90	32.76	2.93	34.92	3.00	36.36	3.05
	89.6	28.57	2.87	30.01	2.92	31.45	2.97	32.17	3.00	34.34	3.07	35.78	3.12
	95.0	27.69	2.98	29.14	3.03	30.58	3.08	31.30	3.10	33.46	3.18	34.91	3.23
	104.0	24.38	2.56	25.46	2.56	26.52	2.56	27.04	2.56	28.56	2.56	29.55	2.56
	109.4	19.17	1.77	19.91	1.77	20.63	1.77	20.99	1.77	22.04	1.77	22.72	1.77
	114.8	11.96	0.98	12.37	0.98	12.77	0.98	12.96	0.98	13.54	0.98	13.92	0.98
FDXS12L + CDXS18L	68.0	29.71	2.50	31.05	2.55	32.38	2.60	33.05	2.62	35.06	2.70	36.39	2.75
	77.0	28.36	2.65	29.70	2.70	31.03	2.75	31.70	2.77	33.70	2.85	35.04	2.90
	86.0	27.01	2.81	28.35	2.86	29.68	2.91	30.35	2.94	32.35	3.01	33.69	3.06
	89.6	26.47	2.88	27.81	2.93	29.14	2.98	29.81	3.01	31.81	3.08	33.15	3.13
	95.0	25.66	2.99	27.00	3.04	28.33	3.09	29.00	3.11	31.00	3.19	32.34	3.24
	104.0	22.82	2.56	23.83	2.56	24.83	2.56	25.32	2.56	26.76	2.56	27.69	2.56
	109.4	18.16	1.77	18.86	1.77	19.54	1.77	19.88	1.77	20.87	1.77	21.51	1.77
	114.8	11.44	0.98	11.83	0.98	12.20	0.98	12.39	0.98	12.93	0.98	13.29	0.98
FTXS12L + FTXS24L	68.0	38.93	3.05	40.68	3.11	42.43	3.17	43.31	3.20	45.93	3.29	47.68	3.36
	77.0	37.16	3.24	38.91	3.30	40.66	3.36	41.54	3.39	44.16	3.48	45.92	3.54
	86.0	35.39	3.44	37.14	3.50	38.89	3.56	39.77	3.59	42.40	3.68	44.15	3.74
	89.6	34.68	3.52	36.44	3.58	38.19	3.64	39.06	3.67	41.69	3.76	43.44	3.82
	95.0	33.62	3.65	35.37	3.71	37.12	3.77	38.00	3.80	40.57	3.87	42.14	3.87
	104.0	27.93	2.56	29.06	2.56	30.16	2.56	30.71	2.56	32.31	2.56	33.35	2.56
	109.4	21.73	1.77	22.51	1.77	23.27	1.77	23.64	1.77	24.74	1.77	25.46	1.77
	114.8	13.44	0.98	13.87	0.98	14.29	0.98	14.50	0.98	15.11	0.98	15.50	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS12L + CDXS24L	68.0	36.37	3.08	38.01	3.15	39.64	3.21	40.46	3.24	42.91	3.33	44.55	3.39
	77.0	34.72	3.27	36.35	3.33	37.99	3.39	38.81	3.42	41.26	3.51	42.89	3.58
	86.0	33.06	3.47	34.70	3.53	36.34	3.59	37.15	3.63	39.61	3.72	41.24	3.78
	89.6	32.40	3.56	34.04	3.62	35.67	3.68	36.49	3.71	38.95	3.80	40.58	3.86
	95.0	31.41	3.69	33.05	3.75	34.68	3.81	35.50	3.84	37.84	3.87	39.34	3.87
	104.0	26.56	2.56	27.63	2.56	28.68	2.56	29.20	2.56	30.72	2.56	31.70	2.56
	109.4	20.86	1.77	21.60	1.77	22.32	1.77	22.68	1.77	23.72	1.77	24.40	1.77
	114.8	13.00	0.98	13.41	0.98	13.81	0.98	14.01	0.98	14.58	0.98	14.96	0.98
FDXS12L + FTXS24L	68.0	36.37	2.73	38.01	2.78	39.64	2.84	40.46	2.87	42.91	2.95	44.55	3.00
	77.0	34.72	2.89	36.35	2.95	37.99	3.00	38.81	3.03	41.26	3.11	42.89	3.17
	86.0	33.06	3.07	34.70	3.13	36.34	3.18	37.15	3.21	39.61	3.29	41.24	3.35
	89.6	32.40	3.15	34.04	3.20	35.67	3.26	36.49	3.29	38.95	3.37	40.58	3.42
	95.0	31.41	3.27	33.05	3.32	34.68	3.38	35.50	3.40	37.95	3.49	39.59	3.54
	104.0	26.71	2.56	27.85	2.56	28.95	2.56	29.50	2.56	31.10	2.56	32.13	2.56
	109.4	20.79	1.77	21.56	1.77	22.33	1.77	22.70	1.77	23.80	1.77	24.52	1.77
	114.8	12.86	0.98	13.29	0.98	13.71	0.98	13.92	0.98	14.53	0.98	14.92	0.98
FDXS12L + CDXS24L	68.0	33.81	2.77	35.33	2.83	36.85	2.88	37.61	2.91	39.89	2.99	41.41	3.05
	77.0	32.27	2.94	33.79	2.99	35.31	3.05	36.07	3.08	38.35	3.16	39.87	3.21
	86.0	30.74	3.12	32.26	3.17	33.78	3.23	34.54	3.26	36.82	3.34	38.34	3.39
	89.6	30.12	3.20	31.64	3.25	33.16	3.31	33.92	3.33	36.20	3.42	37.72	3.47
	95.0	29.20	3.32	30.72	3.37	32.24	3.43	33.00	3.45	35.28	3.54	36.80	3.59
	104.0	25.14	2.56	26.21	2.56	27.25	2.56	27.76	2.56	29.27	2.56	30.25	2.56
	109.4	19.79	1.77	20.53	1.77	21.24	1.77	21.60	1.77	22.63	1.77	23.31	1.77
	114.8	12.36	0.98	12.77	0.98	13.16	0.98	13.36	0.98	13.93	0.98	14.30	0.98
FTXS15L + FTXS15L	68.0	34.42	2.45	35.97	2.50	37.52	2.55	38.29	2.57	40.62	2.64	42.16	2.69
	77.0	32.86	2.60	34.41	2.65	35.96	2.69	36.73	2.72	39.05	2.79	40.60	2.84
	86.0	31.29	2.76	32.84	2.81	34.39	2.85	35.16	2.88	37.49	2.95	39.03	3.00
	89.6	30.67	2.83	32.22	2.87	33.76	2.92	34.54	2.95	36.86	3.02	38.41	3.07
	95.0	29.73	2.93	31.28	2.98	32.83	3.03	33.60	3.05	35.92	3.13	37.47	3.18
	104.0	26.05	2.56	27.20	2.56	28.32	2.56	28.87	2.56	30.49	2.56	31.54	2.56
	109.4	20.22	1.77	21.01	1.77	21.78	1.77	22.16	1.77	23.28	1.77	24.00	1.77
	114.8	12.49	0.98	12.92	0.98	13.35	0.98	13.56	0.98	14.18	0.98	14.57	0.98
CDXS15L + FTXS15L	68.0	32.07	2.38	33.51	2.42	34.95	2.47	35.67	2.50	37.84	2.57	39.28	2.61
	77.0	30.61	2.52	32.05	2.57	33.49	2.61	34.21	2.64	36.38	2.71	37.82	2.76
	86.0	29.15	2.68	30.59	2.72	32.04	2.77	32.76	2.79	34.92	2.87	36.36	2.91
	89.6	28.57	2.74	30.01	2.79	31.45	2.84	32.17	2.86	34.34	2.93	35.78	2.98
	95.0	27.69	2.84	29.14	2.89	30.58	2.94	31.30	2.96	33.46	3.03	34.91	3.08
	104.0	24.64	2.56	25.74	2.56	26.82	2.56	27.36	2.56	28.91	2.56	29.92	2.56
	109.4	19.27	1.77	20.03	1.77	20.78	1.77	21.14	1.77	22.22	1.77	22.91	1.77
	114.8	11.98	0.98	12.40	0.98	12.81	0.98	13.01	0.98	13.60	0.98	13.99	0.98
CDXS15L + CDXS15L	68.0	29.71	2.36	31.05	2.41	32.38	2.45	33.05	2.48	35.06	2.55	36.39	2.60
	77.0	28.36	2.50	29.70	2.55	31.03	2.60	31.70	2.62	33.70	2.69	35.04	2.74
	86.0	27.01	2.66	28.35	2.70	29.68	2.75	30.35	2.78	32.35	2.85	33.69	2.89
	89.6	26.47	2.72	27.81	2.77	29.14	2.82	29.81	2.84	31.81	2.91	33.15	2.96
	95.0	25.66	2.83	27.00	2.87	28.33	2.92	29.00	2.94	31.00	3.01	32.34	3.06
	104.0	23.04	2.56	24.09	2.56	25.11	2.56	25.61	2.56	27.09	2.56	28.04	2.56
	109.4	18.23	1.77	18.95	1.77	19.66	1.77	20.00	1.77	21.02	1.77	21.68	1.77
	114.8	11.44	0.98	11.84	0.98	12.22	0.98	12.41	0.98	12.98	0.98	13.34	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS15L + FTXS18L	68.0	36.68	2.74	38.33	2.79	39.98	2.85	40.80	2.87	43.27	2.96	44.92	3.01
	77.0	35.01	2.90	36.66	2.96	38.31	3.01	39.13	3.04	41.61	3.12	43.26	3.18
	86.0	33.34	3.08	34.99	3.14	36.64	3.19	37.47	3.22	39.94	3.30	41.59	3.36
	89.6	32.68	3.16	34.33	3.21	35.98	3.27	36.80	3.30	39.27	3.38	40.92	3.43
	95.0	31.68	3.28	33.33	3.33	34.98	3.39	35.80	3.41	38.27	3.50	39.92	3.55
	104.0	26.89	2.56	28.02	2.56	29.14	2.56	29.68	2.56	31.29	2.56	32.33	2.56
	109.4	20.90	1.77	21.68	1.77	22.45	1.77	22.83	1.77	23.93	1.77	24.65	1.77
	114.8	12.93	0.98	13.36	0.98	13.78	0.98	13.99	0.98	14.60	0.98	14.99	0.98
FTXS15L + CDXS18L	68.0	34.22	2.69	35.76	2.74	37.30	2.80	38.07	2.82	40.37	2.90	41.91	2.96
	77.0	32.66	2.85	34.20	2.91	35.74	2.96	36.51	2.99	38.82	3.07	40.36	3.12
	86.0	31.11	3.03	32.65	3.08	34.19	3.14	34.96	3.16	37.26	3.24	38.80	3.30
	89.6	30.49	3.10	32.02	3.16	33.56	3.21	34.33	3.24	36.64	3.32	38.18	3.37
	95.0	29.55	3.22	31.09	3.27	32.63	3.33	33.40	3.35	35.71	3.43	37.25	3.49
	104.0	25.46	2.56	26.55	2.56	27.61	2.56	28.14	2.56	29.68	2.56	30.67	2.56
	109.4	19.96	1.77	20.71	1.77	21.44	1.77	21.80	1.77	22.86	1.77	23.55	1.77
	114.8	12.42	0.98	12.84	0.98	13.24	0.98	13.44	0.98	14.03	0.98	14.41	0.98
CDXS15L + FTXS18L	68.0	34.22	2.65	35.76	2.70	37.30	2.76	38.07	2.78	40.37	2.86	41.91	2.91
	77.0	32.66	2.81	34.20	2.86	35.74	2.92	36.51	2.94	38.82	3.02	40.36	3.07
	86.0	31.11	2.98	32.65	3.04	34.19	3.09	34.96	3.12	37.26	3.19	38.80	3.25
	89.6	30.49	3.06	32.02	3.11	33.56	3.16	34.33	3.19	36.64	3.27	38.18	3.32
	95.0	29.55	3.17	31.09	3.22	32.63	3.28	33.40	3.30	35.71	3.38	37.25	3.44
	104.0	25.51	2.56	26.60	2.56	27.68	2.56	28.21	2.56	29.76	2.56	30.76	2.56
	109.4	19.97	1.77	20.72	1.77	21.46	1.77	21.83	1.77	22.89	1.77	23.59	1.77
	114.8	12.42	0.98	12.83	0.98	13.24	0.98	13.44	0.98	14.03	0.98	14.41	0.98
CDXS15L + CDXS18L	68.0	31.76	2.66	33.19	2.71	34.62	2.76	35.33	2.79	37.47	2.87	38.90	2.92
	77.0	30.32	2.82	31.74	2.87	33.17	2.92	33.89	2.95	36.03	3.03	37.46	3.08
	86.0	28.87	2.99	30.30	3.05	31.73	3.10	32.44	3.12	34.59	3.20	36.01	3.26
	89.6	28.30	3.07	29.72	3.12	31.15	3.17	31.87	3.20	34.01	3.28	35.44	3.33
	95.0	27.43	3.18	28.86	3.23	30.29	3.29	31.00	3.31	33.14	3.39	34.57	3.45
	104.0	23.97	2.56	25.01	2.56	26.03	2.56	26.53	2.56	27.99	2.56	28.94	2.56
	109.4	18.98	1.77	19.70	1.77	20.40	1.77	20.74	1.77	21.75	1.77	22.41	1.77
	114.8	11.91	0.98	12.31	0.98	12.69	0.98	12.88	0.98	13.44	0.98	13.80	0.98
FTXS15L + FTXS24L	68.0	38.93	2.75	40.68	2.81	42.43	2.86	43.31	2.89	45.93	2.97	47.68	3.03
	77.0	37.16	2.92	38.91	2.97	40.66	3.03	41.54	3.06	44.16	3.14	45.92	3.19
	86.0	35.39	3.10	37.14	3.16	38.89	3.21	39.77	3.24	42.40	3.32	44.15	3.38
	89.6	34.68	3.18	36.44	3.23	38.19	3.29	39.06	3.31	41.69	3.40	43.44	3.45
	95.0	33.62	3.30	35.37	3.35	37.12	3.41	38.00	3.43	40.63	3.52	42.38	3.57
	104.0	28.21	2.56	29.40	2.56	30.56	2.56	31.13	2.56	32.80	2.56	33.89	2.56
	109.4	21.76	1.77	22.58	1.77	23.38	1.77	23.77	1.77	24.92	1.77	25.67	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.48	0.98	15.12	0.98	15.53	0.98
FTXS15L + CDXS24L	68.0	36.57	2.75	38.22	2.81	39.86	2.86	40.69	2.89	43.15	2.97	44.80	3.03
	77.0	34.91	2.92	36.56	2.97	38.20	3.03	39.02	3.06	41.49	3.14	43.14	3.19
	86.0	33.25	3.10	34.90	3.16	36.54	3.21	37.36	3.24	39.83	3.32	41.47	3.38
	89.6	32.59	3.18	34.23	3.23	35.87	3.29	36.70	3.31	39.16	3.40	40.81	3.45
	95.0	31.59	3.30	33.23	3.35	34.88	3.41	35.70	3.43	38.17	3.52	39.81	3.57
	104.0	26.80	2.56	27.94	2.56	29.04	2.56	29.59	2.56	31.19	2.56	32.22	2.56
	109.4	20.86	1.77	21.64	1.77	22.40	1.77	22.77	1.77	23.87	1.77	24.59	1.77
	114.8	12.91	0.98	13.34	0.98	13.76	0.98	13.96	0.98	14.57	0.98	14.97	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CDXS15L + FTXS24L	68.0	36.57	2.72	38.22	2.78	39.86	2.83	40.69	2.86	43.15	2.94	44.80	2.99
	77.0	34.91	2.89	36.56	2.94	38.20	2.99	39.02	3.02	41.49	3.10	43.14	3.16
	86.0	33.25	3.06	34.90	3.12	36.54	3.17	37.36	3.20	39.83	3.28	41.47	3.34
	89.6	32.59	3.14	34.23	3.19	35.87	3.25	36.70	3.28	39.16	3.36	40.81	3.41
	95.0	31.59	3.26	33.23	3.31	34.88	3.37	35.70	3.39	38.17	3.47	39.81	3.53
	104.0	26.85	2.56	27.99	2.56	29.10	2.56	29.65	2.56	31.25	2.56	32.30	2.56
	109.4	20.87	1.77	21.65	1.77	22.42	1.77	22.79	1.77	23.90	1.77	24.62	1.77
	114.8	12.90	0.98	13.34	0.98	13.76	0.98	13.97	0.98	14.58	0.98	14.97	0.98
CDXS15L + CDXS24L	68.0	34.12	2.72	35.65	2.78	37.18	2.83	37.95	2.86	40.25	2.94	41.79	2.99
	77.0	32.57	2.89	34.10	2.94	35.63	2.99	36.40	3.02	38.70	3.10	40.24	3.16
	86.0	31.02	3.06	32.55	3.12	34.08	3.17	34.85	3.20	37.15	3.28	38.69	3.34
	89.6	30.39	3.14	31.93	3.19	33.46	3.25	34.23	3.28	36.53	3.36	38.07	3.41
	95.0	29.46	3.26	31.00	3.31	32.53	3.37	33.30	3.39	35.60	3.47	37.14	3.53
	104.0	25.36	2.56	26.44	2.56	27.50	2.56	28.02	2.56	29.55	2.56	30.54	2.56
	109.4	19.91	1.77	20.65	1.77	21.38	1.77	21.74	1.77	22.79	1.77	23.48	1.77
	114.8	12.41	0.98	12.82	0.98	13.22	0.98	13.42	0.98	14.00	0.98	14.38	0.98
FTXS18L + FTXS18L	68.0	38.93	2.85	40.68	2.91	42.43	2.96	43.31	2.99	45.93	3.08	47.68	3.13
	77.0	37.16	3.02	38.91	3.08	40.66	3.14	41.54	3.16	44.16	3.25	45.92	3.31
	86.0	35.39	3.21	37.14	3.27	38.89	3.32	39.77	3.35	42.40	3.44	44.15	3.49
	89.6	34.68	3.29	36.44	3.35	38.19	3.40	39.06	3.43	41.69	3.52	43.44	3.57
	95.0	33.62	3.41	35.37	3.47	37.12	3.53	38.00	3.55	40.63	3.64	42.38	3.70
	104.0	28.07	2.56	29.23	2.56	30.38	2.56	30.94	2.56	32.58	2.56	33.65	2.56
	109.4	21.72	1.77	22.52	1.77	23.31	1.77	23.69	1.77	24.83	1.77	25.56	1.77
	114.8	13.38	0.98	13.82	0.98	14.26	0.98	14.47	0.98	15.09	0.98	15.50	0.98
CDXS18L + FTXS18L	68.0	36.37	2.75	38.01	2.80	39.64	2.86	40.46	2.88	42.91	2.97	44.55	3.02
	77.0	34.72	2.91	36.35	2.97	37.99	3.02	38.81	3.05	41.26	3.13	42.89	3.19
	86.0	33.06	3.09	34.70	3.15	36.34	3.20	37.15	3.23	39.61	3.31	41.24	3.37
	89.6	32.40	3.17	34.04	3.22	35.67	3.28	36.49	3.30	38.95	3.39	40.58	3.44
	95.0	31.41	3.29	33.05	3.34	34.68	3.40	35.50	3.42	37.95	3.51	39.59	3.56
	104.0	26.69	2.56	27.82	2.56	28.93	2.56	29.47	2.56	31.06	2.56	32.10	2.56
	109.4	20.78	1.77	21.56	1.77	22.32	1.77	22.69	1.77	23.79	1.77	24.50	1.77
	114.8	12.87	0.98	13.29	0.98	13.71	0.98	13.92	0.98	14.52	0.98	14.92	0.98
CDXS18L + CDXS18L	68.0	33.81	2.76	35.33	2.82	36.85	2.87	37.61	2.90	39.89	2.98	41.41	3.04
	77.0	32.27	2.93	33.79	2.98	35.31	3.04	36.07	3.07	38.35	3.15	39.87	3.20
	86.0	30.74	3.11	32.26	3.16	33.78	3.22	34.54	3.25	36.82	3.33	38.34	3.39
	89.6	30.12	3.19	31.64	3.24	33.16	3.30	33.92	3.32	36.20	3.41	37.72	3.46
	95.0	29.20	3.31	30.72	3.36	32.24	3.42	33.00	3.44	35.28	3.53	36.80	3.58
	104.0	25.15	2.56	26.21	2.56	27.26	2.56	27.77	2.56	29.28	2.56	30.26	2.56
	109.4	19.79	1.77	20.53	1.77	21.24	1.77	21.60	1.77	22.64	1.77	23.31	1.77
	114.8	12.36	0.98	12.76	0.98	13.16	0.98	13.36	0.98	13.93	0.98	14.30	0.98
FTXS18L + FTXS24L	68.0	38.93	2.75	40.68	2.81	42.43	2.86	43.31	2.89	45.93	2.97	47.68	3.03
	77.0	37.16	2.92	38.91	2.97	40.66	3.03	41.54	3.06	44.16	3.14	45.92	3.19
	86.0	35.39	3.10	37.14	3.16	38.89	3.21	39.77	3.24	42.40	3.32	44.15	3.38
	89.6	34.68	3.18	36.44	3.23	38.19	3.29	39.06	3.31	41.69	3.40	43.44	3.45
	95.0	33.62	3.30	35.37	3.35	37.12	3.41	38.00	3.43	40.63	3.52	42.38	3.57
	104.0	28.21	2.56	29.40	2.56	30.56	2.56	31.13	2.56	32.80	2.56	33.89	2.56
	109.4	21.76	1.77	22.58	1.77	23.38	1.77	23.77	1.77	24.92	1.77	25.67	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.48	0.98	15.12	0.98	15.53	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS18L + CDXS24L	68.0	36.68	2.75	38.33	2.81	39.98	2.86	40.80	2.89	43.27	2.97	44.92	3.03
	77.0	35.01	2.92	36.66	2.97	38.31	3.03	39.13	3.06	41.61	3.14	43.26	3.19
	86.0	33.34	3.10	34.99	3.16	36.64	3.21	37.47	3.24	39.94	3.32	41.59	3.38
	89.6	32.68	3.18	34.33	3.23	35.98	3.29	36.80	3.31	39.27	3.40	40.92	3.45
	95.0	31.68	3.30	33.33	3.35	34.98	3.41	35.80	3.43	38.27	3.52	39.92	3.57
	104.0	26.86	2.56	28.00	2.56	29.11	2.56	29.66	2.56	31.26	2.56	32.30	2.56
	109.4	20.90	1.77	21.68	1.77	22.44	1.77	22.82	1.77	23.92	1.77	24.63	1.77
	114.8	12.93	0.98	13.36	0.98	13.78	0.98	13.99	0.98	14.59	0.98	14.99	0.98
CDXS18L + FTXS24L	68.0	36.68	2.77	38.33	2.83	39.98	2.88	40.80	2.91	43.27	2.99	44.92	3.05
	77.0	35.01	2.94	36.66	2.99	38.31	3.05	39.13	3.08	41.61	3.16	43.26	3.21
	86.0	33.34	3.12	34.99	3.17	36.64	3.23	37.47	3.26	39.94	3.34	41.59	3.39
	89.6	32.68	3.20	34.33	3.25	35.98	3.31	36.80	3.33	39.27	3.42	40.92	3.47
	95.0	31.68	3.32	33.33	3.37	34.98	3.43	35.80	3.45	38.27	3.54	39.92	3.59
	104.0	26.85	2.56	27.98	2.56	29.08	2.56	29.63	2.56	31.22	2.56	32.26	2.56
	109.4	20.89	1.77	21.67	1.77	22.43	1.77	22.80	1.77	23.90	1.77	24.62	1.77
	114.8	12.93	0.98	13.36	0.98	13.78	0.98	13.98	0.98	14.59	0.98	14.99	0.98
CDXS18L + CDXS24L	68.0	34.32	2.76	35.86	2.82	37.41	2.87	38.18	2.90	40.49	2.98	42.04	3.04
	77.0	32.76	2.93	34.30	2.98	35.85	3.04	36.62	3.07	38.93	3.15	40.48	3.20
	86.0	31.20	3.11	32.74	3.16	34.29	3.22	35.06	3.25	37.37	3.33	38.92	3.39
	89.6	30.58	3.19	32.12	3.24	33.66	3.30	34.44	3.32	36.75	3.41	38.29	3.46
	95.0	29.64	3.31	31.18	3.36	32.73	3.42	33.50	3.44	35.82	3.53	37.36	3.58
	104.0	25.45	2.56	26.53	2.56	27.59	2.56	28.11	2.56	29.63	2.56	30.62	2.56
	109.4	19.99	1.77	20.73	1.77	21.46	1.77	21.81	1.77	22.86	1.77	23.55	1.77
	114.8	12.46	0.98	12.87	0.98	13.27	0.98	13.47	0.98	14.05	0.98	14.42	0.98
FTXS24L + FTXS24L	68.0	38.93	2.77	40.68	2.83	42.43	2.88	43.31	2.91	45.93	2.99	47.68	3.05
	77.0	37.16	2.94	38.91	2.99	40.66	3.05	41.54	3.08	44.16	3.16	45.92	3.21
	86.0	35.39	3.12	37.14	3.17	38.89	3.23	39.77	3.26	42.40	3.34	44.15	3.39
	89.6	34.68	3.20	36.44	3.25	38.19	3.31	39.06	3.33	41.69	3.42	43.44	3.47
	95.0	33.62	3.32	35.37	3.37	37.12	3.43	38.00	3.45	40.63	3.54	42.38	3.59
	104.0	28.18	2.56	29.37	2.56	30.52	2.56	31.09	2.56	32.76	2.56	33.84	2.56
	109.4	21.75	1.77	22.57	1.77	23.36	1.77	23.75	1.77	24.90	1.77	25.65	1.77
	114.8	13.38	0.98	13.82	0.98	14.26	0.98	14.48	0.98	15.11	0.98	15.53	0.98
CDXS24L + FTXS24L	68.0	36.88	2.72	38.54	2.78	40.20	2.83	41.03	2.86	43.52	2.94	45.18	2.99
	77.0	35.21	2.89	36.86	2.94	38.52	2.99	39.35	3.02	41.84	3.10	43.50	3.16
	86.0	33.53	3.06	35.19	3.12	36.85	3.17	37.68	3.20	40.16	3.28	41.82	3.34
	89.6	32.86	3.14	34.52	3.19	36.18	3.25	37.01	3.28	39.49	3.36	41.15	3.41
	95.0	31.85	3.26	33.51	3.31	35.17	3.37	36.00	3.39	38.49	3.47	40.15	3.53
	104.0	27.03	2.56	28.18	2.56	29.30	2.56	29.85	2.56	31.47	2.56	32.52	2.56
	109.4	20.99	1.77	21.78	1.77	22.55	1.77	22.93	1.77	24.04	1.77	24.76	1.77
	114.8	12.97	0.98	13.40	0.98	13.83	0.98	14.03	0.98	14.65	0.98	15.05	0.98
CDXS24L + CDXS24L	68.0	34.83	2.77	36.40	2.83	37.97	2.88	38.75	2.91	41.10	2.99	42.67	3.05
	77.0	33.25	2.94	34.82	2.99	36.38	3.05	37.17	3.08	39.52	3.16	41.08	3.21
	86.0	31.67	3.12	33.23	3.17	34.80	3.23	35.58	3.26	37.93	3.34	39.50	3.39
	89.6	31.03	3.20	32.60	3.25	34.17	3.31	34.95	3.33	37.30	3.42	38.87	3.47
	95.0	30.08	3.32	31.65	3.37	33.22	3.43	34.00	3.45	36.35	3.54	37.92	3.59
	104.0	25.75	2.56	26.84	2.56	27.90	2.56	28.43	2.56	29.97	2.56	30.97	2.56
	109.4	20.18	1.77	20.93	1.77	21.67	1.77	22.03	1.77	23.09	1.77	23.78	1.77
	114.8	12.57	0.98	12.98	0.98	13.38	0.98	13.58	0.98	14.17	0.98	14.55	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CTXS07L + CTXS07L	68.0	25.82	1.66	26.98	1.70	28.14	1.73	28.72	1.75	30.46	1.79	31.62	1.83
	77.0	24.64	1.76	25.81	1.80	26.97	1.83	27.55	1.85	29.29	1.89	30.45	1.93
	86.0	23.47	1.87	24.63	1.90	25.79	1.94	26.37	1.95	28.11	2.00	29.28	2.04
	89.6	23.00	1.92	24.16	1.95	25.32	1.98	25.90	2.00	27.65	2.05	28.81	2.08
	95.0	22.30	1.99	23.46	2.02	24.62	2.06	25.20	2.07	26.94	2.12	28.10	2.15
	104.0	21.12	2.12	22.29	2.15	23.45	2.18	24.03	2.20	25.77	2.25	26.93	2.28
	109.4	18.01	1.77	18.81	1.77	19.59	1.77	19.97	1.77	21.09	1.77	21.81	1.77
	114.8	11.12	0.98	11.56	0.98	11.99	0.98	12.20	0.98	12.82	0.98	13.22	0.98
CTXS07L + CTXS07L + FTXS09L	68.0	28.28	1.94	29.55	1.98	30.82	2.02	31.46	2.04	33.36	2.10	34.63	2.14
	77.0	26.99	2.06	28.26	2.10	29.53	2.14	30.17	2.16	32.08	2.22	33.35	2.25
	86.0	25.71	2.19	26.98	2.23	28.25	2.27	28.89	2.28	30.79	2.34	32.06	2.38
	89.6	25.19	2.24	26.46	2.28	27.74	2.32	28.37	2.34	30.28	2.40	31.55	2.44
	95.0	24.42	2.33	25.69	2.36	26.96	2.40	27.60	2.42	29.51	2.48	30.78	2.52
	104.0	23.14	2.47	24.41	2.51	25.68	2.55	26.26	2.56	27.84	2.56	28.87	2.56
	109.4	18.32	1.77	19.10	1.77	19.85	1.77	20.22	1.77	21.31	1.77	22.02	1.77
	114.8	11.36	0.98	11.79	0.98	12.21	0.98	12.41	0.98	13.01	0.98	13.40	0.98
CTXS07L + CTXS07L + FDXS09L	68.0	27.05	1.84	28.26	1.88	29.48	1.91	30.09	1.93	31.91	1.99	33.13	2.02
	77.0	25.82	1.95	27.03	1.99	28.25	2.02	28.86	2.04	30.68	2.10	31.90	2.13
	86.0	24.59	2.07	25.80	2.11	27.02	2.14	27.63	2.16	29.45	2.22	30.67	2.25
	89.6	24.10	2.12	25.31	2.16	26.53	2.19	27.14	2.21	28.96	2.27	30.18	2.30
	95.0	23.36	2.20	24.58	2.24	25.79	2.27	26.40	2.29	28.22	2.35	29.44	2.38
	104.0	22.13	2.34	23.35	2.38	24.56	2.41	25.17	2.43	27.00	2.49	28.21	2.52
	109.4	17.99	1.77	18.76	1.77	19.52	1.77	19.89	1.77	20.98	1.77	21.68	1.77
	114.8	11.16	0.98	11.59	0.98	12.00	0.98	12.21	0.98	12.81	0.98	13.20	0.98
CTXS07L + CTXS07L + FTXS12L	68.0	31.45	2.30	32.87	2.34	34.28	2.39	34.99	2.41	37.11	2.48	38.52	2.53
	77.0	30.02	2.43	31.44	2.48	32.85	2.53	33.56	2.55	35.68	2.62	37.09	2.66
	86.0	28.59	2.59	30.01	2.63	31.42	2.68	32.13	2.70	34.25	2.77	35.67	2.81
	89.6	28.02	2.65	29.44	2.70	30.85	2.74	31.56	2.76	33.68	2.83	35.09	2.88
	95.0	27.16	2.75	28.58	2.79	29.99	2.84	30.70	2.86	32.82	2.93	34.24	2.98
	104.0	24.44	2.56	25.55	2.56	26.63	2.56	27.17	2.56	28.73	2.56	29.74	2.56
	109.4	19.10	1.77	19.87	1.77	20.61	1.77	20.98	1.77	22.06	1.77	22.76	1.77
	114.8	11.87	0.98	12.29	0.98	12.70	0.98	12.90	0.98	13.50	0.98	13.88	0.98
CTXS07L + CTXS07L + FDXS12L	68.0	29.92	2.18	31.26	2.22	32.61	2.26	33.28	2.28	35.30	2.35	36.64	2.39
	77.0	28.56	2.31	29.90	2.35	31.25	2.39	31.92	2.42	33.94	2.48	35.28	2.52
	86.0	27.20	2.45	28.54	2.49	29.89	2.54	30.56	2.56	32.58	2.62	33.92	2.67
	89.6	26.65	2.51	28.00	2.55	29.34	2.60	30.02	2.62	32.03	2.68	33.38	2.73
	95.0	25.84	2.60	27.18	2.65	28.53	2.69	29.20	2.71	31.22	2.78	32.56	2.82
	104.0	23.72	2.56	24.82	2.56	25.90	2.56	26.43	2.56	27.97	2.56	28.98	2.56
	109.4	18.58	1.77	19.34	1.77	20.08	1.77	20.44	1.77	21.51	1.77	22.20	1.77
	114.8	11.57	0.98	11.98	0.98	12.39	0.98	12.59	0.98	13.18	0.98	13.56	0.98
CTXS07L + CTXS07L + FTXS15L	68.0	33.71	2.34	35.22	2.39	36.74	2.44	37.50	2.46	39.77	2.53	41.29	2.58
	77.0	32.17	2.49	33.69	2.53	35.21	2.58	35.96	2.60	38.24	2.67	39.75	2.72
	86.0	30.64	2.64	32.16	2.69	33.67	2.73	34.43	2.76	36.71	2.83	38.22	2.87
	89.6	30.03	2.70	31.55	2.75	33.06	2.80	33.82	2.82	36.09	2.89	37.61	2.94
	95.0	29.11	2.81	30.63	2.85	32.14	2.90	32.90	2.92	35.17	2.99	36.69	3.04
	104.0	25.88	2.56	27.04	2.56	28.17	2.56	28.72	2.56	30.35	2.56	31.41	2.56
	109.4	20.06	1.77	20.85	1.77	21.63	1.77	22.01	1.77	23.14	1.77	23.87	1.77
	114.8	12.38	0.98	12.82	0.98	13.24	0.98	13.46	0.98	14.07	0.98	14.48	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CTXS07L + CDXS15L	68.0	32.17	2.38	33.62	2.42	35.06	2.47	35.79	2.50	37.96	2.57	39.40	2.61
	77.0	30.71	2.52	32.15	2.57	33.60	2.61	34.32	2.64	36.49	2.71	37.94	2.76
	86.0	29.25	2.68	30.69	2.72	32.14	2.77	32.86	2.79	35.03	2.87	36.48	2.91
	89.6	28.66	2.74	30.11	2.79	31.55	2.84	32.28	2.86	34.45	2.93	35.89	2.98
	95.0	27.78	2.84	29.23	2.89	30.68	2.94	31.40	2.96	33.57	3.03	35.02	3.08
	104.0	24.71	2.56	25.82	2.56	26.90	2.56	27.43	2.56	28.99	2.56	30.01	2.56
	109.4	19.32	1.77	20.08	1.77	20.83	1.77	21.19	1.77	22.27	1.77	22.97	1.77
	114.8	12.00	0.98	12.42	0.98	12.83	0.98	13.04	0.98	13.63	0.98	14.02	0.98
CTXS07L + CTXS07L + FTXS18L	68.0	35.96	2.67	37.58	2.73	39.19	2.78	40.00	2.81	42.43	2.89	44.05	2.94
	77.0	34.33	2.83	35.94	2.89	37.56	2.94	38.37	2.97	40.79	3.05	42.41	3.10
	86.0	32.69	3.01	34.31	3.06	35.93	3.12	36.73	3.14	39.16	3.22	40.78	3.28
	89.6	32.04	3.08	33.65	3.14	35.27	3.19	36.08	3.22	38.51	3.30	40.12	3.35
	95.0	31.06	3.20	32.67	3.25	34.29	3.31	35.10	3.33	37.53	3.41	39.14	3.47
	104.0	26.55	2.56	27.68	2.56	28.79	2.56	29.34	2.56	30.94	2.56	31.97	2.56
	109.4	20.65	1.77	21.43	1.77	22.19	1.77	22.57	1.77	23.67	1.77	24.39	1.77
	114.8	12.78	0.98	13.21	0.98	13.63	0.98	13.84	0.98	14.44	0.98	14.84	0.98
CTXS07L + CTXS07L + CDXS18L	68.0	34.32	2.69	35.86	2.74	37.41	2.80	38.18	2.82	40.49	2.90	42.04	2.96
	77.0	32.76	2.85	34.30	2.91	35.85	2.96	36.62	2.99	38.93	3.07	40.48	3.12
	86.0	31.20	3.03	32.74	3.08	34.29	3.14	35.06	3.16	37.37	3.24	38.92	3.30
	89.6	30.58	3.10	32.12	3.16	33.66	3.21	34.44	3.24	36.75	3.32	38.29	3.37
	95.0	29.64	3.22	31.18	3.27	32.73	3.33	33.50	3.35	35.82	3.43	37.36	3.49
	104.0	25.52	2.56	26.61	2.56	27.68	2.56	28.21	2.56	29.75	2.56	30.75	2.56
	109.4	20.00	1.77	20.75	1.77	21.48	1.77	21.84	1.77	22.91	1.77	23.60	1.77
	114.8	12.44	0.98	12.86	0.98	13.26	0.98	13.46	0.98	14.05	0.98	14.43	0.98
CTXS07L + CTXS07L + FTXS24L	68.0	38.93	2.75	40.68	2.81	42.43	2.86	43.31	2.89	45.93	2.97	47.68	3.03
	77.0	37.16	2.92	38.91	2.97	40.66	3.03	41.54	3.06	44.16	3.14	45.92	3.19
	86.0	35.39	3.10	37.14	3.16	38.89	3.21	39.77	3.24	42.40	3.32	44.15	3.38
	89.6	34.68	3.18	36.44	3.23	38.19	3.29	39.06	3.31	41.69	3.40	43.44	3.45
	95.0	33.62	3.30	35.37	3.35	37.12	3.41	38.00	3.43	40.63	3.52	42.38	3.57
	104.0	28.21	2.56	29.40	2.56	30.56	2.56	31.13	2.56	32.80	2.56	33.89	2.56
	109.4	21.76	1.77	22.58	1.77	23.38	1.77	23.77	1.77	24.92	1.77	25.67	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.48	0.98	15.12	0.98	15.53	0.98
CTXS07L + CTXS07L + CDXS24L	68.0	37.29	2.75	38.97	2.81	40.65	2.86	41.48	2.89	44.00	2.97	45.68	3.03
	77.0	35.60	2.92	37.27	2.97	38.95	3.03	39.79	3.06	42.31	3.14	43.98	3.19
	86.0	33.90	3.10	35.58	3.16	37.26	3.21	38.09	3.24	40.61	3.32	42.29	3.38
	89.6	33.22	3.18	34.90	3.23	36.58	3.29	37.42	3.31	39.93	3.40	41.61	3.45
	95.0	32.21	3.30	33.88	3.35	35.56	3.41	36.40	3.43	38.92	3.52	40.59	3.57
	104.0	27.23	2.56	28.38	2.56	29.51	2.56	30.06	2.56	31.68	2.56	32.73	2.56
	109.4	21.13	1.77	21.92	1.77	22.70	1.77	23.08	1.77	24.19	1.77	24.92	1.77
	114.8	13.05	0.98	13.49	0.98	13.91	0.98	14.12	0.98	14.74	0.98	15.14	0.98
CTXS07L + FTXS09L + FTXS09L	68.0	30.74	2.19	32.12	2.24	33.50	2.28	34.19	2.30	36.26	2.37	37.65	2.41
	77.0	29.34	2.32	30.72	2.37	32.10	2.41	32.79	2.43	34.87	2.50	36.25	2.54
	86.0	27.94	2.47	29.32	2.51	30.71	2.56	31.40	2.58	33.47	2.64	34.85	2.69
	89.6	27.38	2.53	28.76	2.57	30.15	2.62	30.84	2.64	32.91	2.70	34.29	2.75
	95.0	26.54	2.62	27.93	2.67	29.31	2.71	30.00	2.73	32.07	2.80	33.46	2.84
	104.0	24.28	2.56	25.40	2.56	26.49	2.56	27.03	2.56	28.60	2.56	29.62	2.56
	109.4	18.95	1.77	19.72	1.77	20.47	1.77	20.84	1.77	21.93	1.77	22.63	1.77
	114.8	11.76	0.98	12.18	0.98	12.60	0.98	12.80	0.98	13.40	0.98	13.79	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS09L + FDXS09L	68.0	29.30	2.08	30.62	2.12	31.94	2.16	32.60	2.18	34.57	2.25	35.89	2.29
	77.0	27.97	2.20	29.29	2.25	30.60	2.29	31.26	2.31	33.24	2.37	34.56	2.41
	86.0	26.64	2.34	27.96	2.38	29.27	2.42	29.93	2.45	31.91	2.51	33.23	2.55
	89.6	26.10	2.40	27.42	2.44	28.74	2.48	29.40	2.50	31.38	2.56	32.69	2.61
	95.0	25.31	2.49	26.62	2.53	27.94	2.57	28.60	2.59	30.58	2.65	31.89	2.70
	104.0	23.64	2.56	24.75	2.56	25.84	2.56	26.37	2.56	27.94	2.56	28.95	2.56
	109.4	18.48	1.77	19.25	1.77	20.00	1.77	20.36	1.77	21.44	1.77	22.14	1.77
	114.8	11.49	0.98	11.91	0.98	12.32	0.98	12.52	0.98	13.12	0.98	13.50	0.98
CTXS07L + FDXS09L + FDXS09L	68.0	27.76	1.98	29.01	2.01	30.26	2.05	30.89	2.07	32.76	2.13	34.01	2.17
	77.0	26.50	2.09	27.75	2.13	29.00	2.17	29.62	2.19	31.50	2.25	32.75	2.29
	86.0	25.24	2.22	26.49	2.26	27.74	2.30	28.36	2.32	30.23	2.38	31.48	2.42
	89.6	24.74	2.28	25.98	2.32	27.23	2.36	27.86	2.38	29.73	2.44	30.98	2.48
	95.0	23.98	2.36	25.23	2.40	26.48	2.44	27.10	2.46	28.97	2.52	30.22	2.56
	104.0	22.72	2.52	23.97	2.55	25.06	2.56	25.59	2.56	27.13	2.56	28.13	2.56
	109.4	17.95	1.77	18.70	1.77	19.44	1.77	19.80	1.77	20.87	1.77	21.56	1.77
	114.8	11.18	0.98	11.60	0.98	12.00	0.98	12.20	0.98	12.79	0.98	13.17	0.98
CTXS07L + FTXS09L + FTXS12L	68.0	32.99	2.51	34.47	2.56	35.96	2.61	36.70	2.64	38.92	2.71	40.41	2.76
	77.0	31.49	2.66	32.97	2.71	34.46	2.76	35.20	2.79	37.42	2.87	38.91	2.92
	86.0	29.99	2.83	31.47	2.88	32.96	2.93	33.70	2.95	35.92	3.03	37.41	3.08
	89.6	29.39	2.90	30.87	2.95	32.36	3.00	33.10	3.02	35.32	3.10	36.81	3.15
	95.0	28.49	3.01	29.97	3.06	31.46	3.11	32.20	3.13	34.43	3.21	35.91	3.26
	104.0	24.94	2.56	26.04	2.56	27.12	2.56	27.64	2.56	29.19	2.56	30.19	2.56
	109.4	19.54	1.77	20.29	1.77	21.03	1.77	21.39	1.77	22.46	1.77	23.15	1.77
	114.8	12.16	0.98	12.57	0.98	12.98	0.98	13.18	0.98	13.77	0.98	14.15	0.98
CTXS07L + FTXS09L + FDXS12L	68.0	31.45	2.38	32.87	2.43	34.28	2.48	34.99	2.50	37.11	2.58	38.52	2.62
	77.0	30.02	2.53	31.44	2.58	32.85	2.62	33.56	2.65	35.68	2.72	37.09	2.77
	86.0	28.59	2.68	30.01	2.73	31.42	2.78	32.13	2.80	34.25	2.88	35.67	2.92
	89.6	28.02	2.75	29.44	2.80	30.85	2.85	31.56	2.87	33.68	2.94	35.09	2.99
	95.0	27.16	2.85	28.58	2.90	29.99	2.95	30.70	2.97	32.82	3.04	34.24	3.09
	104.0	24.19	2.56	25.28	2.56	26.34	2.56	26.87	2.56	28.40	2.56	29.39	2.56
	109.4	18.99	1.77	19.74	1.77	20.47	1.77	20.83	1.77	21.88	1.77	22.57	1.77
	114.8	11.84	0.98	12.25	0.98	12.65	0.98	12.85	0.98	13.43	0.98	13.81	0.98
CTXS07L + FDXS09L + FTXS12L	68.0	31.45	2.34	32.87	2.38	34.28	2.43	34.99	2.45	37.11	2.52	38.52	2.57
	77.0	30.02	2.48	31.44	2.52	32.85	2.57	33.56	2.59	35.68	2.66	37.09	2.71
	86.0	28.59	2.63	30.01	2.68	31.42	2.72	32.13	2.75	34.25	2.82	35.67	2.86
	89.6	28.02	2.70	29.44	2.74	30.85	2.79	31.56	2.81	33.68	2.88	35.09	2.93
	95.0	27.16	2.80	28.58	2.84	29.99	2.89	30.70	2.91	32.82	2.98	34.24	3.03
	104.0	24.32	2.56	25.42	2.56	26.49	2.56	27.02	2.56	28.57	2.56	29.57	2.56
	109.4	19.05	1.77	19.80	1.77	20.54	1.77	20.91	1.77	21.97	1.77	22.66	1.77
	114.8	11.85	0.98	12.27	0.98	12.68	0.98	12.88	0.98	13.47	0.98	13.85	0.98
CTXS07L + FDXS09L + FDXS12L	68.0	29.92	2.26	31.26	2.31	32.61	2.35	33.28	2.38	35.30	2.45	36.64	2.49
	77.0	28.56	2.40	29.90	2.45	31.25	2.49	31.92	2.51	33.94	2.58	35.28	2.63
	86.0	27.20	2.55	28.54	2.59	29.89	2.64	30.56	2.66	32.58	2.73	33.92	2.77
	89.6	26.65	2.61	28.00	2.66	29.34	2.70	30.02	2.72	32.03	2.79	33.38	2.84
	95.0	25.84	2.71	27.18	2.76	28.53	2.80	29.20	2.82	31.22	2.89	32.56	2.94
	104.0	23.43	2.56	24.50	2.56	25.56	2.56	26.07	2.56	27.59	2.56	28.57	2.56
	109.4	18.44	1.77	19.18	1.77	19.90	1.77	20.26	1.77	21.30	1.77	21.98	1.77
	114.8	11.52	0.98	11.92	0.98	12.32	0.98	12.52	0.98	13.09	0.98	13.47	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS09L + FTXS15L	68.0	35.24	2.57	36.83	2.62	38.41	2.67	39.21	2.70	41.58	2.77	43.17	2.83
	77.0	33.64	2.72	35.23	2.78	36.81	2.83	37.60	2.85	39.98	2.93	41.57	2.98
	86.0	32.04	2.89	33.62	2.94	35.21	3.00	36.00	3.02	38.38	3.10	39.96	3.15
	89.6	31.40	2.96	32.98	3.02	34.57	3.07	35.36	3.09	37.74	3.17	39.32	3.22
	95.0	30.44	3.08	32.02	3.13	33.61	3.18	34.40	3.20	36.78	3.28	38.36	3.33
	104.0	26.29	2.56	27.43	2.56	28.55	2.56	29.09	2.56	30.70	2.56	31.74	2.56
	109.4	20.43	1.77	21.22	1.77	21.99	1.77	22.36	1.77	23.47	1.77	24.19	1.77
	114.8	12.64	0.98	13.07	0.98	13.49	0.98	13.70	0.98	14.31	0.98	14.71	0.98
CTXS07L + FTXS09L + CDXS15L	68.0	33.60	2.59	35.12	2.65	36.63	2.70	37.38	2.72	39.65	2.80	41.16	2.85
	77.0	32.08	2.75	33.59	2.80	35.10	2.85	35.85	2.88	38.12	2.96	39.63	3.01
	86.0	30.55	2.92	32.06	2.97	33.57	3.02	34.33	3.05	36.59	3.13	38.11	3.18
	89.6	29.94	2.99	31.45	3.04	32.96	3.10	33.72	3.12	35.98	3.20	37.49	3.25
	95.0	29.02	3.10	30.53	3.16	32.04	3.21	32.80	3.23	35.07	3.31	36.58	3.36
	104.0	25.20	2.56	26.30	2.56	27.37	2.56	27.89	2.56	29.44	2.56	30.44	2.56
	109.4	19.74	1.77	20.50	1.77	21.23	1.77	21.60	1.77	22.66	1.77	23.35	1.77
	114.8	12.29	0.98	12.70	0.98	13.11	0.98	13.31	0.98	13.89	0.98	14.28	0.98
CTXS07L + FDXS09L + FTXS15L	68.0	33.60	2.38	35.12	2.43	36.63	2.48	37.38	2.50	39.65	2.58	41.16	2.62
	77.0	32.08	2.53	33.59	2.58	35.10	2.62	35.85	2.65	38.12	2.72	39.63	2.77
	86.0	30.55	2.68	32.06	2.73	33.57	2.78	34.33	2.80	36.59	2.88	38.11	2.92
	89.6	29.94	2.75	31.45	2.80	32.96	2.85	33.72	2.87	35.98	2.94	37.49	2.99
	95.0	29.02	2.85	30.53	2.90	32.04	2.95	32.80	2.97	35.07	3.04	36.58	3.09
	104.0	25.68	2.56	26.82	2.56	27.94	2.56	28.49	2.56	30.10	2.56	31.15	2.56
	109.4	19.95	1.77	20.73	1.77	21.50	1.77	21.88	1.77	22.99	1.77	23.71	1.77
	114.8	12.33	0.98	12.76	0.98	13.19	0.98	13.40	0.98	14.01	0.98	14.41	0.98
CTXS07L + FDXS09L + CDXS15L	68.0	32.07	2.47	33.51	2.52	34.95	2.57	35.67	2.60	37.84	2.67	39.28	2.72
	77.0	30.61	2.62	32.05	2.67	33.49	2.72	34.21	2.75	36.38	2.82	37.82	2.87
	86.0	29.15	2.78	30.59	2.83	32.04	2.88	32.76	2.91	34.92	2.98	36.36	3.03
	89.6	28.57	2.85	30.01	2.90	31.45	2.95	32.17	2.98	34.34	3.05	35.78	3.10
	95.0	27.69	2.96	29.14	3.01	30.58	3.06	31.30	3.08	33.46	3.16	34.91	3.21
	104.0	24.41	2.56	25.50	2.56	26.56	2.56	27.08	2.56	28.60	2.56	29.59	2.56
	109.4	19.18	1.77	19.92	1.77	20.65	1.77	21.01	1.77	22.06	1.77	22.74	1.77
	114.8	11.96	0.98	12.37	0.98	12.77	0.98	12.97	0.98	13.55	0.98	13.93	0.98
CTXS07L + FTXS09L + FTXS18L	68.0	37.39	2.74	39.08	2.79	40.76	2.85	41.60	2.87	44.12	2.96	45.80	3.01
	77.0	35.70	2.90	37.38	2.96	39.06	3.01	39.90	3.04	42.42	3.12	44.10	3.18
	86.0	34.00	3.08	35.68	3.14	37.36	3.19	38.20	3.22	40.72	3.30	42.40	3.36
	89.6	33.32	3.16	35.00	3.21	36.68	3.27	37.52	3.30	40.04	3.38	41.72	3.43
	95.0	32.30	3.28	33.98	3.33	35.66	3.39	36.50	3.41	39.02	3.50	40.70	3.55
	104.0	27.32	2.56	28.47	2.56	29.60	2.56	30.16	2.56	31.78	2.56	32.84	2.56
	109.4	21.18	1.77	21.97	1.77	22.75	1.77	23.13	1.77	24.25	1.77	24.98	1.77
	114.8	13.07	0.98	13.51	0.98	13.94	0.98	14.15	0.98	14.77	0.98	15.17	0.98
CTXS07L + FTXS09L + CDXS18L	68.0	35.76	2.75	37.36	2.81	38.97	2.86	39.78	2.89	42.19	2.97	43.79	3.03
	77.0	34.13	2.92	35.74	2.97	37.35	3.03	38.15	3.06	40.56	3.14	42.17	3.19
	86.0	32.51	3.10	34.11	3.16	35.72	3.21	36.53	3.24	38.94	3.32	40.54	3.38
	89.6	31.86	3.18	33.46	3.23	35.07	3.29	35.88	3.31	38.29	3.40	39.89	3.45
	95.0	30.88	3.30	32.49	3.35	34.10	3.41	34.90	3.43	37.31	3.52	38.92	3.57
	104.0	26.31	2.56	27.43	2.56	28.52	2.56	29.05	2.56	30.62	2.56	31.64	2.56
	109.4	20.54	1.77	21.31	1.77	22.06	1.77	22.42	1.77	23.51	1.77	24.21	1.77
	114.8	12.74	0.98	13.17	0.98	13.58	0.98	13.78	0.98	14.38	0.98	14.77	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FDXS09L + FTXS18L	68.0	35.76	2.66	37.36	2.71	38.97	2.76	39.78	2.79	42.19	2.87	43.79	2.92
	77.0	34.13	2.82	35.74	2.87	37.35	2.92	38.15	2.95	40.56	3.03	42.17	3.08
	86.0	32.51	2.99	34.11	3.05	35.72	3.10	36.53	3.12	38.94	3.20	40.54	3.26
	89.6	31.86	3.07	33.46	3.12	35.07	3.17	35.88	3.20	38.29	3.28	39.89	3.33
	95.0	30.88	3.18	32.49	3.23	34.10	3.29	34.90	3.31	37.31	3.39	38.92	3.45
	104.0	26.45	2.56	27.58	2.56	28.69	2.56	29.23	2.56	30.83	2.56	31.87	2.56
	109.4	20.58	1.77	21.36	1.77	22.12	1.77	22.49	1.77	23.60	1.77	24.31	1.77
	114.8	12.74	0.98	13.17	0.98	13.59	0.98	13.79	0.98	14.40	0.98	14.79	0.98
CTXS07L + FDXS09L + CDXS18L	68.0	34.12	2.73	35.65	2.78	37.18	2.84	37.95	2.87	40.25	2.95	41.79	3.00
	77.0	32.57	2.89	34.10	2.95	35.63	3.00	36.40	3.03	38.70	3.11	40.24	3.17
	86.0	31.02	3.07	32.55	3.13	34.08	3.18	34.85	3.21	37.15	3.29	38.69	3.35
	89.6	30.39	3.15	31.93	3.20	33.46	3.26	34.23	3.29	36.53	3.37	38.07	3.42
	95.0	29.46	3.27	31.00	3.32	32.53	3.38	33.30	3.40	35.60	3.49	37.14	3.54
	104.0	25.35	2.56	26.43	2.56	27.49	2.56	28.01	2.56	29.54	2.56	30.53	2.56
	109.4	19.91	1.77	20.65	1.77	21.38	1.77	21.74	1.77	22.79	1.77	23.47	1.77
	114.8	12.41	0.98	12.82	0.98	13.22	0.98	13.42	0.98	14.00	0.98	14.38	0.98
CTXS07L + FTXS09L + FTXS24L	68.0	38.93	2.75	40.68	2.81	42.43	2.86	43.31	2.89	45.93	2.97	47.68	3.03
	77.0	37.16	2.92	38.91	2.97	40.66	3.03	41.54	3.06	44.16	3.14	45.92	3.19
	86.0	35.39	3.10	37.14	3.16	38.89	3.21	39.77	3.24	42.40	3.32	44.15	3.38
	89.6	34.68	3.18	36.44	3.23	38.19	3.29	39.06	3.31	41.69	3.40	43.44	3.45
	95.0	33.62	3.30	35.37	3.35	37.12	3.41	38.00	3.43	40.63	3.52	42.38	3.57
	104.0	28.21	2.56	29.40	2.56	30.56	2.56	31.13	2.56	32.80	2.56	33.89	2.56
	109.4	21.76	1.77	22.58	1.77	23.38	1.77	23.77	1.77	24.92	1.77	25.67	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.48	0.98	15.12	0.98	15.53	0.98
CTXS07L + FTXS09L + CDXS24L	68.0	37.29	2.75	38.97	2.81	40.65	2.86	41.48	2.89	44.00	2.97	45.68	3.03
	77.0	35.60	2.92	37.27	2.97	38.95	3.03	39.79	3.06	42.31	3.14	43.98	3.19
	86.0	33.90	3.10	35.58	3.16	37.26	3.21	38.09	3.24	40.61	3.32	42.29	3.38
	89.6	33.22	3.18	34.90	3.23	36.58	3.29	37.42	3.31	39.93	3.40	41.61	3.45
	95.0	32.21	3.30	33.88	3.35	35.56	3.41	36.40	3.43	38.92	3.52	40.59	3.57
	104.0	27.23	2.56	28.38	2.56	29.51	2.56	30.06	2.56	31.68	2.56	32.73	2.56
	109.4	21.13	1.77	21.92	1.77	22.70	1.77	23.08	1.77	24.19	1.77	24.92	1.77
	114.8	13.05	0.98	13.49	0.98	13.91	0.98	14.12	0.98	14.74	0.98	15.14	0.98
CTXS07L + FDXS09L + FTXS24L	68.0	37.29	2.74	38.97	2.79	40.65	2.85	41.48	2.87	44.00	2.96	45.68	3.01
	77.0	35.60	2.90	37.27	2.96	38.95	3.01	39.79	3.04	42.31	3.12	43.98	3.18
	86.0	33.90	3.08	35.58	3.14	37.26	3.19	38.09	3.22	40.61	3.30	42.29	3.36
	89.6	33.22	3.16	34.90	3.21	36.58	3.27	37.42	3.30	39.93	3.38	41.61	3.43
	95.0	32.21	3.28	33.88	3.33	35.56	3.39	36.40	3.41	38.92	3.50	40.59	3.55
	104.0	27.26	2.56	28.41	2.56	29.54	2.56	30.09	2.56	31.71	2.56	32.77	2.56
	109.4	21.14	1.77	21.93	1.77	22.71	1.77	23.09	1.77	24.21	1.77	24.94	1.77
	114.8	13.05	0.98	13.49	0.98	13.91	0.98	14.12	0.98	14.74	0.98	15.14	0.98
CTXS07L + FDXS09L + CDXS24L	68.0	35.76	2.74	37.36	2.79	38.97	2.85	39.78	2.87	42.19	2.96	43.79	3.01
	77.0	34.13	2.90	35.74	2.96	37.35	3.01	38.15	3.04	40.56	3.12	42.17	3.18
	86.0	32.51	3.08	34.11	3.14	35.72	3.19	36.53	3.22	38.94	3.30	40.54	3.36
	89.6	31.86	3.16	33.46	3.21	35.07	3.27	35.88	3.30	38.29	3.38	39.89	3.43
	95.0	30.88	3.28	32.49	3.33	34.10	3.39	34.90	3.41	37.31	3.50	38.92	3.55
	104.0	26.33	2.56	27.45	2.56	28.54	2.56	29.08	2.56	30.65	2.56	31.68	2.56
	109.4	20.54	1.77	21.31	1.77	22.06	1.77	22.43	1.77	23.52	1.77	24.22	1.77
	114.8	12.74	0.98	13.16	0.98	13.58	0.98	13.78	0.98	14.38	0.98	14.77	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS12L + FTXS12L	68.0	35.24	2.74	36.83	2.79	38.41	2.85	39.21	2.87	41.58	2.96	43.17	3.01
	77.0	33.64	2.90	35.23	2.96	36.81	3.01	37.60	3.04	39.98	3.12	41.57	3.18
	86.0	32.04	3.08	33.62	3.14	35.21	3.19	36.00	3.22	38.38	3.30	39.96	3.36
	89.6	31.40	3.16	32.98	3.21	34.57	3.27	35.36	3.30	37.74	3.38	39.32	3.43
	95.0	30.44	3.28	32.02	3.33	33.61	3.39	34.40	3.41	36.78	3.50	38.36	3.55
	104.0	26.02	2.56	27.13	2.56	28.21	2.56	28.74	2.56	30.30	2.56	31.31	2.56
	109.4	20.35	1.77	21.11	1.77	21.85	1.77	22.21	1.77	23.29	1.77	23.99	1.77
	114.8	12.64	0.98	13.06	0.98	13.47	0.98	13.67	0.98	14.26	0.98	14.65	0.98
CTXS07L + FTXS12L + FDXS12L	68.0	33.60	2.66	35.12	2.71	36.63	2.76	37.38	2.79	39.65	2.87	41.16	2.92
	77.0	32.08	2.82	33.59	2.87	35.10	2.92	35.85	2.95	38.12	3.03	39.63	3.08
	86.0	30.55	2.99	32.06	3.05	33.57	3.10	34.33	3.12	36.59	3.20	38.11	3.26
	89.6	29.94	3.07	31.45	3.12	32.96	3.17	33.72	3.20	35.98	3.28	37.49	3.33
	95.0	29.02	3.18	30.53	3.23	32.04	3.29	32.80	3.31	35.07	3.39	36.58	3.45
	104.0	25.11	2.56	26.20	2.56	27.25	2.56	27.77	2.56	29.30	2.56	30.29	2.56
	109.4	19.72	1.77	20.46	1.77	21.19	1.77	21.55	1.77	22.60	1.77	23.28	1.77
	114.8	12.29	0.98	12.70	0.98	13.10	0.98	13.30	0.98	13.88	0.98	14.26	0.98
CTXS07L + FDXS12L + FDXS12L	68.0	32.07	2.52	33.51	2.57	34.95	2.62	35.67	2.65	37.84	2.72	39.28	2.77
	77.0	30.61	2.67	32.05	2.72	33.49	2.77	34.21	2.80	36.38	2.87	37.82	2.92
	86.0	29.15	2.84	30.59	2.89	32.04	2.94	32.76	2.96	34.92	3.04	36.36	3.09
	89.6	28.57	2.91	30.01	2.96	31.45	3.01	32.17	3.03	34.34	3.11	35.78	3.16
	95.0	27.69	3.02	29.14	3.07	30.58	3.12	31.30	3.14	33.46	3.22	34.91	3.27
	104.0	24.33	2.56	25.40	2.56	26.45	2.56	26.96	2.56	28.48	2.56	29.46	2.56
	109.4	19.15	1.77	19.88	1.77	20.60	1.77	20.96	1.77	22.00	1.77	22.68	1.77
	114.8	11.96	0.98	12.36	0.98	12.76	0.98	12.96	0.98	13.53	0.98	13.90	0.98
CTXS07L + FTXS12L + FTXS15L	68.0	37.39	2.74	39.08	2.79	40.76	2.85	41.60	2.87	44.12	2.96	45.80	3.01
	77.0	35.70	2.90	37.38	2.96	39.06	3.01	39.90	3.04	42.42	3.12	44.10	3.18
	86.0	34.00	3.08	35.68	3.14	37.36	3.19	38.20	3.22	40.72	3.30	42.40	3.36
	89.6	33.32	3.16	35.00	3.21	36.68	3.27	37.52	3.30	40.04	3.38	41.72	3.43
	95.0	32.30	3.28	33.98	3.33	35.66	3.39	36.50	3.41	39.02	3.50	40.70	3.55
	104.0	27.32	2.56	28.47	2.56	29.60	2.56	30.16	2.56	31.78	2.56	32.84	2.56
	109.4	21.18	1.77	21.97	1.77	22.75	1.77	23.13	1.77	24.25	1.77	24.98	1.77
	114.8	13.07	0.98	13.51	0.98	13.94	0.98	14.15	0.98	14.77	0.98	15.17	0.98
CTXS07L + FTXS12L + CDXS15L	68.0	35.76	2.76	37.36	2.82	38.97	2.87	39.78	2.90	42.19	2.98	43.79	3.04
	77.0	34.13	2.93	35.74	2.98	37.35	3.04	38.15	3.07	40.56	3.15	42.17	3.20
	86.0	32.51	3.11	34.11	3.16	35.72	3.22	36.53	3.25	38.94	3.33	40.54	3.39
	89.6	31.86	3.19	33.46	3.24	35.07	3.30	35.88	3.32	38.29	3.41	39.89	3.46
	95.0	30.88	3.31	32.49	3.36	34.10	3.42	34.90	3.44	37.31	3.53	38.92	3.58
	104.0	26.31	2.56	27.42	2.56	28.51	2.56	29.04	2.56	30.61	2.56	31.63	2.56
	109.4	20.54	1.77	21.30	1.77	22.05	1.77	22.42	1.77	23.50	1.77	24.20	1.77
	114.8	12.75	0.98	13.17	0.98	13.58	0.98	13.78	0.98	14.38	0.98	14.77	0.98
CTXS07L + FDXS12L + FTXS15L	68.0	35.76	2.71	37.36	2.77	38.97	2.82	39.78	2.85	42.19	2.93	43.79	2.98
	77.0	34.13	2.88	35.74	2.93	37.35	2.99	38.15	3.01	40.56	3.09	42.17	3.15
	86.0	32.51	3.06	34.11	3.11	35.72	3.16	36.53	3.19	38.94	3.27	40.54	3.33
	89.6	31.86	3.13	33.46	3.19	35.07	3.24	35.88	3.27	38.29	3.35	39.89	3.40
	95.0	30.88	3.25	32.49	3.30	34.10	3.36	34.90	3.38	37.31	3.46	38.92	3.52
	104.0	26.36	2.56	27.48	2.56	28.58	2.56	29.12	2.56	30.70	2.56	31.73	2.56
	109.4	20.55	1.77	21.32	1.77	22.08	1.77	22.45	1.77	23.54	1.77	24.25	1.77
	114.8	12.74	0.98	13.16	0.98	13.58	0.98	13.78	0.98	14.39	0.98	14.78	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FDXS12L + CDXS15L	68.0	34.12	2.74	35.65	2.79	37.18	2.85	37.95	2.87	40.25	2.96	41.79	3.01
	77.0	32.57	2.90	34.10	2.96	35.63	3.01	36.40	3.04	38.70	3.12	40.24	3.18
	86.0	31.02	3.08	32.55	3.14	34.08	3.19	34.85	3.22	37.15	3.30	38.69	3.36
	89.6	30.39	3.16	31.93	3.21	33.46	3.27	34.23	3.30	36.53	3.38	38.07	3.43
	95.0	29.46	3.28	31.00	3.33	32.53	3.39	33.30	3.41	35.60	3.50	37.14	3.55
	104.0	25.35	2.56	26.43	2.56	27.48	2.56	28.00	2.56	29.52	2.56	30.51	2.56
	109.4	19.91	1.77	20.65	1.77	21.38	1.77	21.73	1.77	22.78	1.77	23.47	1.77
	114.8	12.41	0.98	12.82	0.98	13.22	0.98	13.42	0.98	14.00	0.98	14.38	0.98
CTXS07L + FTXS12L + FTXS18L	68.0	38.93	2.86	40.68	2.92	42.43	2.97	43.31	3.00	45.93	3.09	47.68	3.14
	77.0	37.16	3.03	38.91	3.09	40.66	3.14	41.54	3.17	44.16	3.26	45.92	3.32
	86.0	35.39	3.22	37.14	3.28	38.89	3.33	39.77	3.36	42.40	3.45	44.15	3.50
	89.6	34.68	3.30	36.44	3.35	38.19	3.41	39.06	3.44	41.69	3.53	43.44	3.58
	95.0	33.62	3.42	35.37	3.48	37.12	3.54	38.00	3.56	40.63	3.65	42.38	3.71
	104.0	28.06	2.56	29.22	2.56	30.36	2.56	30.92	2.56	32.57	2.56	33.63	2.56
	109.4	21.72	1.77	22.52	1.77	23.30	1.77	23.69	1.77	24.82	1.77	25.56	1.77
	114.8	13.38	0.98	13.82	0.98	14.26	0.98	14.47	0.98	15.09	0.98	15.50	0.98
CTXS07L + FTXS12L + CDXS18L	68.0	37.29	2.87	38.97	2.92	40.65	2.98	41.48	3.01	44.00	3.10	45.68	3.15
	77.0	35.60	3.04	37.27	3.10	38.95	3.15	39.79	3.18	42.31	3.27	43.98	3.32
	86.0	33.90	3.23	35.58	3.28	37.26	3.34	38.09	3.37	40.61	3.46	42.29	3.51
	89.6	33.22	3.31	34.90	3.36	36.58	3.42	37.42	3.45	39.93	3.54	41.61	3.59
	95.0	32.21	3.43	33.88	3.49	35.56	3.55	36.40	3.57	38.92	3.66	40.59	3.72
	104.0	27.11	2.56	28.24	2.56	29.34	2.56	29.88	2.56	31.47	2.56	32.50	2.56
	109.4	21.11	1.77	21.88	1.77	22.64	1.77	23.01	1.77	24.11	1.77	24.82	1.77
	114.8	13.07	0.98	13.50	0.98	13.92	0.98	14.12	0.98	14.73	0.98	15.12	0.98
CTXS07L + FDXS12L + FTXS18L	68.0	37.29	2.71	38.97	2.77	40.65	2.82	41.48	2.85	44.00	2.93	45.68	2.98
	77.0	35.60	2.88	37.27	2.93	38.95	2.99	39.79	3.01	42.31	3.09	43.98	3.15
	86.0	33.90	3.06	35.58	3.11	37.26	3.16	38.09	3.19	40.61	3.27	42.29	3.33
	89.6	33.22	3.13	34.90	3.19	36.58	3.24	37.42	3.27	39.93	3.35	41.61	3.40
	95.0	32.21	3.25	33.88	3.30	35.56	3.36	36.40	3.38	38.92	3.46	40.59	3.52
	104.0	27.29	2.56	28.45	2.56	29.58	2.56	30.14	2.56	31.77	2.56	32.83	2.56
	109.4	21.15	1.77	21.95	1.77	22.73	1.77	23.11	1.77	24.23	1.77	24.96	1.77
	114.8	13.05	0.98	13.49	0.98	13.92	0.98	14.13	0.98	14.75	0.98	15.15	0.98
CTXS07L + FDXS12L + CDXS18L	68.0	35.55	2.73	37.15	2.78	38.75	2.84	39.55	2.87	41.95	2.95	43.54	3.00
	77.0	33.93	2.89	35.53	2.95	37.13	3.00	37.93	3.03	40.33	3.11	41.93	3.17
	86.0	32.32	3.07	33.92	3.13	35.52	3.18	36.32	3.21	38.71	3.29	40.31	3.35
	89.6	31.67	3.15	33.27	3.20	34.87	3.26	35.67	3.29	38.07	3.37	39.67	3.42
	95.0	30.70	3.27	32.30	3.32	33.90	3.38	34.70	3.40	37.10	3.49	38.70	3.54
	104.0	26.22	2.56	27.33	2.56	28.42	2.56	28.96	2.56	30.53	2.56	31.55	2.56
	109.4	20.47	1.77	21.23	1.77	21.98	1.77	22.35	1.77	23.43	1.77	24.14	1.77
	114.8	12.70	0.98	13.12	0.98	13.53	0.98	13.74	0.98	14.34	0.98	14.72	0.98
CTXS07L + FTXS12L + FTXS24L	68.0	38.93	2.76	40.68	2.82	42.43	2.87	43.31	2.90	45.93	2.98	47.68	3.04
	77.0	37.16	2.93	38.91	2.98	40.66	3.04	41.54	3.07	44.16	3.15	45.92	3.20
	86.0	35.39	3.11	37.14	3.16	38.89	3.22	39.77	3.25	42.40	3.33	44.15	3.39
	89.6	34.68	3.19	36.44	3.24	38.19	3.30	39.06	3.32	41.69	3.41	43.44	3.46
	95.0	33.62	3.31	35.37	3.36	37.12	3.42	38.00	3.44	40.63	3.53	42.38	3.58
	104.0	28.20	2.56	29.38	2.56	30.54	2.56	31.11	2.56	32.78	2.56	33.86	2.56
	109.4	21.76	1.77	22.57	1.77	23.37	1.77	23.76	1.77	24.91	1.77	25.66	1.77
	114.8	13.38	0.98	13.83	0.98	14.26	0.98	14.48	0.98	15.12	0.98	15.53	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS12L + CDXS24L	68.0	37.39	2.76	39.08	2.82	40.76	2.87	41.60	2.90	44.12	2.98	45.80	3.04
	77.0	35.70	2.93	37.38	2.98	39.06	3.04	39.90	3.07	42.42	3.15	44.10	3.20
	86.0	34.00	3.11	35.68	3.16	37.36	3.22	38.20	3.25	40.72	3.33	42.40	3.39
	89.6	33.32	3.19	35.00	3.24	36.68	3.30	37.52	3.32	40.04	3.41	41.72	3.46
	95.0	32.30	3.31	33.98	3.36	35.66	3.42	36.50	3.44	39.02	3.53	40.70	3.58
	104.0	27.28	2.56	28.43	2.56	29.56	2.56	30.11	2.56	31.73	2.56	32.78	2.56
	109.4	21.17	1.77	21.96	1.77	22.73	1.77	23.11	1.77	24.23	1.77	24.96	1.77
	114.8	13.07	0.98	13.51	0.98	13.93	0.98	14.14	0.98	14.76	0.98	15.16	0.98
CTXS07L + FDXS12L + FTXS24L	68.0	37.39	2.74	39.08	2.79	40.76	2.85	41.60	2.87	44.12	2.96	45.80	3.01
	77.0	35.70	2.90	37.38	2.96	39.06	3.01	39.90	3.04	42.42	3.12	44.10	3.18
	86.0	34.00	3.08	35.68	3.14	37.36	3.19	38.20	3.22	40.72	3.30	42.40	3.36
	89.6	33.32	3.16	35.00	3.21	36.68	3.27	37.52	3.30	40.04	3.38	41.72	3.43
	95.0	32.30	3.28	33.98	3.33	35.66	3.39	36.50	3.41	39.02	3.50	40.70	3.55
	104.0	27.32	2.56	28.47	2.56	29.60	2.56	30.16	2.56	31.78	2.56	32.84	2.56
	109.4	21.18	1.77	21.97	1.77	22.75	1.77	23.13	1.77	24.25	1.77	24.98	1.77
	114.8	13.07	0.98	13.51	0.98	13.94	0.98	14.15	0.98	14.77	0.98	15.17	0.98
CTXS07L + FDXS12L + CDXS24L	68.0	35.96	2.74	37.58	2.79	39.19	2.85	40.00	2.87	42.43	2.96	44.05	3.01
	77.0	34.33	2.90	35.94	2.96	37.56	3.01	38.37	3.04	40.79	3.12	42.41	3.18
	86.0	32.69	3.08	34.31	3.14	35.93	3.19	36.73	3.22	39.16	3.30	40.78	3.36
	89.6	32.04	3.16	33.65	3.21	35.27	3.27	36.08	3.30	38.51	3.38	40.12	3.43
	95.0	31.06	3.28	32.67	3.33	34.29	3.39	35.10	3.41	37.53	3.50	39.14	3.55
	104.0	26.46	2.56	27.58	2.56	28.67	2.56	29.21	2.56	30.80	2.56	31.82	2.56
	109.4	20.62	1.77	21.40	1.77	22.15	1.77	22.52	1.77	23.61	1.77	24.32	1.77
	114.8	12.78	0.98	13.21	0.98	13.62	0.98	13.83	0.98	14.43	0.98	14.82	0.98
CTXS07L + FTXS15L + FTXS15L	68.0	38.93	2.73	40.68	2.78	42.43	2.84	43.31	2.87	45.93	2.95	47.68	3.00
	77.0	37.16	2.89	38.91	2.95	40.66	3.00	41.54	3.03	44.16	3.11	45.92	3.17
	86.0	35.39	3.07	37.14	3.13	38.89	3.18	39.77	3.21	42.40	3.29	44.15	3.35
	89.6	34.68	3.15	36.44	3.20	38.19	3.26	39.06	3.29	41.69	3.37	43.44	3.42
	95.0	33.62	3.27	35.37	3.32	37.12	3.38	38.00	3.40	40.63	3.49	42.38	3.54
	104.0	28.26	2.56	29.45	2.56	30.61	2.56	31.19	2.56	32.87	2.56	33.96	2.56
	109.4	21.78	1.77	22.60	1.77	23.40	1.77	23.80	1.77	24.95	1.77	25.71	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.13	0.98	15.54	0.98
CTXS07L + FTXS15L + CDXS15L	68.0	37.29	2.76	38.97	2.82	40.65	2.87	41.48	2.90	44.00	2.98	45.68	3.04
	77.0	35.60	2.93	37.27	2.98	38.95	3.04	39.79	3.07	42.31	3.15	43.98	3.20
	86.0	33.90	3.11	35.58	3.16	37.26	3.22	38.09	3.25	40.61	3.33	42.29	3.39
	89.6	33.22	3.19	34.90	3.24	36.58	3.30	37.42	3.32	39.93	3.41	41.61	3.46
	95.0	32.21	3.31	33.88	3.36	35.56	3.42	36.40	3.44	38.92	3.53	40.59	3.58
	104.0	27.22	2.56	28.37	2.56	29.49	2.56	30.04	2.56	31.66	2.56	32.71	2.56
	109.4	21.13	1.77	21.92	1.77	22.69	1.77	23.07	1.77	24.18	1.77	24.91	1.77
	114.8	13.05	0.98	13.49	0.98	13.91	0.98	14.12	0.98	14.74	0.98	15.14	0.98
CTXS07L + CDXS15L + CDXS15L	68.0	35.55	2.74	37.15	2.79	38.75	2.85	39.55	2.87	41.95	2.96	43.54	3.01
	77.0	33.93	2.90	35.53	2.96	37.13	3.01	37.93	3.04	40.33	3.12	41.93	3.18
	86.0	32.32	3.08	33.92	3.14	35.52	3.19	36.32	3.22	38.71	3.30	40.31	3.36
	89.6	31.67	3.16	33.27	3.21	34.87	3.27	35.67	3.30	38.07	3.38	39.67	3.43
	95.0	30.70	3.28	32.30	3.33	33.90	3.39	34.70	3.41	37.10	3.50	38.70	3.55
	104.0	26.21	2.56	27.32	2.56	28.41	2.56	28.94	2.56	30.51	2.56	31.53	2.56
	109.4	20.47	1.77	21.23	1.77	21.98	1.77	22.35	1.77	23.43	1.77	24.13	1.77
	114.8	12.70	0.98	13.12	0.98	13.53	0.98	13.74	0.98	14.33	0.98	14.72	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS15L + FTXS18L	68.0	38.93	2.73	40.68	2.78	42.43	2.84	43.31	2.87	45.93	2.95	47.68	3.00
	77.0	37.16	2.89	38.91	2.95	40.66	3.00	41.54	3.03	44.16	3.11	45.92	3.17
	86.0	35.39	3.07	37.14	3.13	38.89	3.18	39.77	3.21	42.40	3.29	44.15	3.35
	89.6	34.68	3.15	36.44	3.20	38.19	3.26	39.06	3.29	41.69	3.37	43.44	3.42
	95.0	33.62	3.27	35.37	3.32	37.12	3.38	38.00	3.40	40.63	3.49	42.38	3.54
	104.0	28.26	2.56	29.45	2.56	30.61	2.56	31.19	2.56	32.87	2.56	33.96	2.56
	109.4	21.78	1.77	22.60	1.77	23.40	1.77	23.80	1.77	24.95	1.77	25.71	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.13	0.98	15.54	0.98
CTXS07L + FTXS15L + CDXS18L	68.0	37.29	2.75	38.97	2.81	40.65	2.86	41.48	2.89	44.00	2.97	45.68	3.03
	77.0	35.60	2.92	37.27	2.97	38.95	3.03	39.79	3.06	42.31	3.14	43.98	3.19
	86.0	33.90	3.10	35.58	3.16	37.26	3.21	38.09	3.24	40.61	3.32	42.29	3.38
	89.6	33.22	3.18	34.90	3.23	36.58	3.29	37.42	3.31	39.93	3.40	41.61	3.45
	95.0	32.21	3.30	33.88	3.35	35.56	3.41	36.40	3.43	38.92	3.52	40.59	3.57
	104.0	27.23	2.56	28.38	2.56	29.51	2.56	30.06	2.56	31.68	2.56	32.73	2.56
	109.4	21.13	1.77	21.92	1.77	22.70	1.77	23.08	1.77	24.19	1.77	24.92	1.77
	114.8	13.05	0.98	13.49	0.98	13.91	0.98	14.12	0.98	14.74	0.98	15.14	0.98
CTXS07L + CDXS15L + FTXS18L	68.0	37.29	2.76	38.97	2.82	40.65	2.87	41.48	2.90	44.00	2.98	45.68	3.04
	77.0	35.60	2.93	37.27	2.98	38.95	3.04	39.79	3.07	42.31	3.15	43.98	3.20
	86.0	33.90	3.11	35.58	3.16	37.26	3.22	38.09	3.25	40.61	3.33	42.29	3.39
	89.6	33.22	3.19	34.90	3.24	36.58	3.30	37.42	3.32	39.93	3.41	41.61	3.46
	95.0	32.21	3.31	33.88	3.36	35.56	3.42	36.40	3.44	38.92	3.53	40.59	3.58
	104.0	27.22	2.56	28.37	2.56	29.49	2.56	30.04	2.56	31.66	2.56	32.71	2.56
	109.4	21.13	1.77	21.92	1.77	22.69	1.77	23.07	1.77	24.18	1.77	24.91	1.77
	114.8	13.05	0.98	13.49	0.98	13.91	0.98	14.12	0.98	14.74	0.98	15.14	0.98
CTXS07L + CDXS15L + CDXS18L	68.0	35.76	2.72	37.36	2.78	38.97	2.83	39.78	2.86	42.19	2.94	43.79	2.99
	77.0	34.13	2.89	35.74	2.94	37.35	2.99	38.15	3.02	40.56	3.10	42.17	3.16
	86.0	32.51	3.06	34.11	3.12	35.72	3.17	36.53	3.20	38.94	3.28	40.54	3.34
	89.6	31.86	3.14	33.46	3.19	35.07	3.25	35.88	3.28	38.29	3.36	39.89	3.41
	95.0	30.88	3.26	32.49	3.31	34.10	3.37	34.90	3.39	37.31	3.47	38.92	3.53
	104.0	26.35	2.56	27.47	2.56	28.57	2.56	29.11	2.56	30.69	2.56	31.71	2.56
	109.4	20.55	1.77	21.32	1.77	22.07	1.77	22.44	1.77	23.53	1.77	24.24	1.77
	114.8	12.74	0.98	13.16	0.98	13.58	0.98	13.78	0.98	14.38	0.98	14.78	0.98
CTXS07L + FTXS18L + FTXS18L	68.0	38.93	2.73	40.68	2.78	42.43	2.84	43.31	2.87	45.93	2.95	47.68	3.00
	77.0	37.16	2.89	38.91	2.95	40.66	3.00	41.54	3.03	44.16	3.11	45.92	3.17
	86.0	35.39	3.07	37.14	3.13	38.89	3.18	39.77	3.21	42.40	3.29	44.15	3.35
	89.6	34.68	3.15	36.44	3.20	38.19	3.26	39.06	3.29	41.69	3.37	43.44	3.42
	95.0	33.62	3.27	35.37	3.32	37.12	3.38	38.00	3.40	40.63	3.49	42.38	3.54
	104.0	28.26	2.56	29.45	2.56	30.61	2.56	31.19	2.56	32.87	2.56	33.96	2.56
	109.4	21.78	1.77	22.60	1.77	23.40	1.77	23.80	1.77	24.95	1.77	25.71	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.13	0.98	15.54	0.98
CTXS07L + FTXS18L + CDXS18L	68.0	37.39	2.75	39.08	2.81	40.76	2.86	41.60	2.89	44.12	2.97	45.80	3.03
	77.0	35.70	2.92	37.38	2.97	39.06	3.03	39.90	3.06	42.42	3.14	44.10	3.19
	86.0	34.00	3.10	35.68	3.16	37.36	3.21	38.20	3.24	40.72	3.32	42.40	3.38
	89.6	33.32	3.18	35.00	3.23	36.68	3.29	37.52	3.31	40.04	3.40	41.72	3.45
	95.0	32.30	3.30	33.98	3.35	35.66	3.41	36.50	3.43	39.02	3.52	40.70	3.57
	104.0	27.29	2.56	28.45	2.56	29.57	2.56	30.12	2.56	31.75	2.56	32.80	2.56
	109.4	21.17	1.77	21.96	1.77	22.74	1.77	23.12	1.77	24.24	1.77	24.96	1.77
	114.8	13.07	0.98	13.51	0.98	13.93	0.98	14.14	0.98	14.76	0.98	15.16	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CDXS18L + CDXS18L	68.0	35.96	2.77	37.58	2.83	39.19	2.88	40.00	2.91	42.43	2.99	44.05	3.05
	77.0	34.33	2.94	35.94	2.99	37.56	3.05	38.37	3.08	40.79	3.16	42.41	3.21
	86.0	32.69	3.12	34.31	3.17	35.93	3.23	36.73	3.26	39.16	3.34	40.78	3.39
	89.6	32.04	3.20	33.65	3.25	35.27	3.31	36.08	3.33	38.51	3.42	40.12	3.47
	95.0	31.06	3.32	32.67	3.37	34.29	3.43	35.10	3.45	37.53	3.54	39.14	3.59
	104.0	26.42	2.56	27.53	2.56	28.63	2.56	29.16	2.56	30.74	2.56	31.76	2.56
	109.4	20.62	1.77	21.38	1.77	22.13	1.77	22.50	1.77	23.59	1.77	24.29	1.77
	114.8	12.79	0.98	13.21	0.98	13.62	0.98	13.83	0.98	14.43	0.98	14.82	0.98
FTXS09L + FTXS09L + FTXS09L	68.0	32.27	2.40	33.72	2.45	35.17	2.50	35.90	2.52	38.08	2.59	39.53	2.64
	77.0	30.81	2.55	32.26	2.59	33.71	2.64	34.43	2.67	36.61	2.74	38.06	2.78
	86.0	29.34	2.70	30.79	2.75	32.24	2.80	32.97	2.82	35.14	2.89	36.59	2.94
	89.6	28.75	2.77	30.20	2.82	31.65	2.87	32.38	2.89	34.56	2.96	36.01	3.01
	95.0	27.87	2.87	29.32	2.92	30.77	2.97	31.50	2.99	33.68	3.06	35.13	3.11
	104.0	24.71	2.56	25.82	2.56	26.90	2.56	27.43	2.56	28.99	2.56	30.00	2.56
	109.4	19.34	1.77	20.10	1.77	20.84	1.77	21.20	1.77	22.28	1.77	22.97	1.77
	114.8	12.02	0.98	12.44	0.98	12.85	0.98	13.05	0.98	13.64	0.98	14.03	0.98
FTXS09L + FTXS09L + FDXS09L	68.0	30.74	2.28	32.12	2.33	33.50	2.37	34.19	2.39	36.26	2.46	37.65	2.51
	77.0	29.34	2.42	30.72	2.46	32.10	2.51	32.79	2.53	34.87	2.60	36.25	2.65
	86.0	27.94	2.57	29.32	2.61	30.71	2.66	31.40	2.68	33.47	2.75	34.85	2.79
	89.6	27.38	2.63	28.76	2.68	30.15	2.72	30.84	2.74	32.91	2.81	34.29	2.86
	95.0	26.54	2.73	27.93	2.77	29.31	2.82	30.00	2.84	32.07	2.91	33.46	2.96
	104.0	23.97	2.56	25.07	2.56	26.14	2.56	26.66	2.56	28.20	2.56	29.20	2.56
	109.4	18.80	1.77	19.55	1.77	20.29	1.77	20.65	1.77	21.71	1.77	22.40	1.77
	114.8	11.71	0.98	12.12	0.98	12.53	0.98	12.73	0.98	13.31	0.98	13.69	0.98
FTXS09L + FDXS09L + FDXS09L	68.0	29.20	2.12	30.51	2.16	31.82	2.20	32.48	2.23	34.45	2.29	35.76	2.33
	77.0	27.87	2.25	29.18	2.29	30.50	2.33	31.15	2.35	33.12	2.42	34.44	2.46
	86.0	26.54	2.39	27.86	2.43	29.17	2.47	29.83	2.49	31.80	2.56	33.11	2.60
	89.6	26.01	2.45	27.33	2.49	28.64	2.53	29.30	2.55	31.27	2.61	32.58	2.66
	95.0	25.22	2.54	26.53	2.58	27.84	2.62	28.50	2.64	30.47	2.71	31.78	2.75
	104.0	23.39	2.56	24.49	2.56	25.56	2.56	26.08	2.56	27.63	2.56	28.62	2.56
	109.4	18.34	1.77	19.10	1.77	19.83	1.77	20.19	1.77	21.26	1.77	21.94	1.77
	114.8	11.43	0.98	11.84	0.98	12.25	0.98	12.45	0.98	13.03	0.98	13.41	0.98
FDXS09L + FDXS09L + FDXS09L	68.0	27.66	2.02	28.91	2.06	30.15	2.10	30.77	2.12	32.64	2.18	33.88	2.22
	77.0	26.40	2.14	27.65	2.18	28.89	2.22	29.51	2.24	31.38	2.30	32.62	2.34
	86.0	25.15	2.27	26.39	2.31	27.64	2.35	28.26	2.37	30.12	2.43	31.37	2.47
	89.6	24.64	2.33	25.89	2.37	27.13	2.41	27.75	2.43	29.62	2.49	30.86	2.53
	95.0	23.89	2.41	25.13	2.45	26.38	2.49	27.00	2.51	28.87	2.57	30.11	2.61
	104.0	22.61	2.56	23.70	2.56	24.75	2.56	25.27	2.56	26.79	2.56	27.78	2.56
	109.4	17.79	1.77	18.53	1.77	19.26	1.77	19.62	1.77	20.67	1.77	21.34	1.77
	114.8	11.11	0.98	11.52	0.98	11.92	0.98	12.12	0.98	12.70	0.98	13.07	0.98
FTXS09L + FTXS09L + FTXS12L	68.0	34.42	2.68	35.97	2.74	37.52	2.79	38.29	2.82	40.62	2.90	42.16	2.95
	77.0	32.86	2.84	34.41	2.90	35.96	2.95	36.73	2.98	39.05	3.06	40.60	3.11
	86.0	31.29	3.02	32.84	3.07	34.39	3.13	35.16	3.15	37.49	3.23	39.03	3.29
	89.6	30.67	3.09	32.22	3.15	33.76	3.20	34.54	3.23	36.86	3.31	38.41	3.36
	95.0	29.73	3.21	31.28	3.26	32.83	3.32	33.60	3.34	35.92	3.42	37.47	3.48
	104.0	25.59	2.56	26.69	2.56	27.76	2.56	28.29	2.56	29.83	2.56	30.84	2.56
	109.4	20.04	1.77	20.79	1.77	21.53	1.77	21.89	1.77	22.96	1.77	23.65	1.77
	114.8	12.46	0.98	12.88	0.98	13.29	0.98	13.49	0.98	14.08	0.98	14.46	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS09L + FDXS12L	68.0	32.89	2.55	34.37	2.60	35.84	2.65	36.58	2.67	38.80	2.75	40.28	2.80
	77.0	31.39	2.70	32.87	2.75	34.35	2.80	35.09	2.83	37.31	2.90	38.79	2.95
	86.0	29.90	2.87	31.38	2.92	32.86	2.97	33.59	2.99	35.81	3.07	37.29	3.12
	89.6	29.30	2.94	30.78	2.99	32.26	3.04	33.00	3.06	35.22	3.14	36.69	3.19
	95.0	28.40	3.05	29.88	3.10	31.36	3.15	32.10	3.17	34.32	3.25	35.80	3.30
	104.0	24.82	2.56	25.91	2.56	26.97	2.56	27.49	2.56	29.03	2.56	30.02	2.56
	109.4	19.47	1.77	20.22	1.77	20.95	1.77	21.31	1.77	22.37	1.77	23.06	1.77
	114.8	12.13	0.98	12.55	0.98	12.95	0.98	13.15	0.98	13.73	0.98	14.11	0.98
FTXS09L + FDXS09L + FTXS12L	68.0	32.89	2.55	34.37	2.60	35.84	2.66	36.58	2.68	38.80	2.76	40.28	2.81
	77.0	31.39	2.71	32.87	2.76	34.35	2.81	35.09	2.83	37.31	2.91	38.79	2.96
	86.0	29.90	2.87	31.38	2.93	32.86	2.98	33.59	3.00	35.81	3.08	37.29	3.13
	89.6	29.30	2.95	30.78	3.00	32.26	3.05	33.00	3.07	35.22	3.15	36.69	3.20
	95.0	28.40	3.06	29.88	3.11	31.36	3.16	32.10	3.18	34.32	3.26	35.80	3.31
	104.0	24.81	2.56	25.89	2.56	26.95	2.56	27.48	2.56	29.01	2.56	30.00	2.56
	109.4	19.47	1.77	20.22	1.77	20.95	1.77	21.31	1.77	22.36	1.77	23.05	1.77
	114.8	12.13	0.98	12.54	0.98	12.95	0.98	13.15	0.98	13.73	0.98	14.11	0.98
FTXS09L + FDXS09L + FDXS12L	68.0	31.25	2.43	32.65	2.47	34.06	2.52	34.76	2.55	36.87	2.62	38.27	2.67
	77.0	29.83	2.57	31.23	2.62	32.64	2.67	33.34	2.69	35.45	2.76	36.85	2.81
	86.0	28.41	2.73	29.81	2.78	31.22	2.83	31.92	2.85	34.03	2.92	35.43	2.97
	89.6	27.84	2.80	29.24	2.85	30.65	2.89	31.35	2.92	33.46	2.99	34.87	3.04
	95.0	26.99	2.90	28.39	2.95	29.80	3.00	30.50	3.02	32.61	3.10	34.01	3.14
	104.0	23.96	2.56	25.03	2.56	26.08	2.56	26.60	2.56	28.11	2.56	29.09	2.56
	109.4	18.86	1.77	19.60	1.77	20.32	1.77	20.67	1.77	21.72	1.77	22.39	1.77
	114.8	11.78	0.98	12.19	0.98	12.59	0.98	12.78	0.98	13.36	0.98	13.73	0.98
FDXS09L + FDXS09L + FTXS12L	68.0	31.25	2.38	32.65	2.42	34.06	2.47	34.76	2.50	36.87	2.57	38.27	2.61
	77.0	29.83	2.52	31.23	2.57	32.64	2.61	33.34	2.64	35.45	2.71	36.85	2.76
	86.0	28.41	2.68	29.81	2.72	31.22	2.77	31.92	2.79	34.03	2.87	35.43	2.91
	89.6	27.84	2.74	29.24	2.79	30.65	2.84	31.35	2.86	33.46	2.93	34.87	2.98
	95.0	26.99	2.84	28.39	2.89	29.80	2.94	30.50	2.96	32.61	3.03	34.01	3.08
	104.0	24.07	2.56	25.15	2.56	26.21	2.56	26.73	2.56	28.26	2.56	29.25	2.56
	109.4	18.91	1.77	19.65	1.77	20.38	1.77	20.74	1.77	21.79	1.77	22.47	1.77
	114.8	11.79	0.98	12.20	0.98	12.60	0.98	12.80	0.98	13.38	0.98	13.76	0.98
FDXS09L + FDXS09L + FDXS12L	68.0	29.71	2.30	31.05	2.35	32.38	2.40	33.05	2.42	35.06	2.49	36.39	2.53
	77.0	28.36	2.44	29.70	2.49	31.03	2.54	31.70	2.56	33.70	2.63	35.04	2.67
	86.0	27.01	2.59	28.35	2.64	29.68	2.69	30.35	2.71	32.35	2.78	33.69	2.82
	89.6	26.47	2.66	27.81	2.70	29.14	2.75	29.81	2.77	31.81	2.84	33.15	2.89
	95.0	25.66	2.76	27.00	2.80	28.33	2.85	29.00	2.87	31.00	2.94	32.34	2.99
	104.0	23.17	2.56	24.23	2.56	25.27	2.56	25.78	2.56	27.27	2.56	28.24	2.56
	109.4	18.29	1.77	19.02	1.77	19.73	1.77	20.08	1.77	21.11	1.77	21.78	1.77
	114.8	11.45	0.98	11.85	0.98	12.25	0.98	12.44	0.98	13.01	0.98	13.38	0.98
FTXS09L + FTXS09L + FTXS15L	68.0	36.68	2.74	38.33	2.79	39.98	2.85	40.80	2.87	43.27	2.96	44.92	3.01
	77.0	35.01	2.90	36.66	2.96	38.31	3.01	39.13	3.04	41.61	3.12	43.26	3.18
	86.0	33.34	3.08	34.99	3.14	36.64	3.19	37.47	3.22	39.94	3.30	41.59	3.36
	89.6	32.68	3.16	34.33	3.21	35.98	3.27	36.80	3.30	39.27	3.38	40.92	3.43
	95.0	31.68	3.28	33.33	3.33	34.98	3.39	35.80	3.41	38.27	3.50	39.92	3.55
	104.0	26.89	2.56	28.02	2.56	29.14	2.56	29.68	2.56	31.29	2.56	32.33	2.56
	109.4	20.90	1.77	21.68	1.77	22.45	1.77	22.83	1.77	23.93	1.77	24.65	1.77
	114.8	12.93	0.98	13.36	0.98	13.78	0.98	13.99	0.98	14.60	0.98	14.99	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS09L + CDXS15L	68.0	35.04	2.76	36.61	2.82	38.19	2.87	38.98	2.90	41.34	2.98	42.92	3.04
	77.0	33.45	2.93	35.02	2.98	36.60	3.04	37.38	3.07	39.75	3.15	41.32	3.20
	86.0	31.85	3.11	33.43	3.16	35.00	3.22	35.79	3.25	38.16	3.33	39.73	3.39
	89.6	31.22	3.19	32.79	3.24	34.37	3.30	35.16	3.32	37.52	3.41	39.09	3.46
	95.0	30.26	3.31	31.84	3.36	33.41	3.42	34.20	3.44	36.56	3.53	38.14	3.58
	104.0	25.88	2.56	26.97	2.56	28.05	2.56	28.57	2.56	30.12	2.56	31.12	2.56
	109.4	20.26	1.77	21.02	1.77	21.75	1.77	22.12	1.77	23.18	1.77	23.88	1.77
	114.8	12.60	0.98	13.02	0.98	13.43	0.98	13.63	0.98	14.21	0.98	14.60	0.98
FTXS09L + FDXS09L + FTXS15L	68.0	35.04	2.55	36.61	2.60	38.19	2.66	38.98	2.68	41.34	2.76	42.92	2.81
	77.0	33.45	2.71	35.02	2.76	36.60	2.81	37.38	2.83	39.75	2.91	41.32	2.96
	86.0	31.85	2.87	33.43	2.93	35.00	2.98	35.79	3.00	38.16	3.08	39.73	3.13
	89.6	31.22	2.95	32.79	3.00	34.37	3.05	35.16	3.07	37.52	3.15	39.09	3.20
	95.0	30.26	3.06	31.84	3.11	33.41	3.16	34.20	3.18	36.56	3.26	38.14	3.31
	104.0	26.19	2.56	27.33	2.56	28.45	2.56	28.99	2.56	30.60	2.56	31.64	2.56
	109.4	20.36	1.77	21.15	1.77	21.91	1.77	22.29	1.77	23.40	1.77	24.11	1.77
	114.8	12.60	0.98	13.03	0.98	13.45	0.98	13.66	0.98	14.27	0.98	14.66	0.98
FTXS09L + FDXS09L + CDXS15L	68.0	33.40	2.59	34.90	2.64	36.40	2.69	37.15	2.71	39.41	2.79	40.91	2.84
	77.0	31.88	2.74	33.38	2.79	34.88	2.84	35.64	2.87	37.89	2.95	39.39	3.00
	86.0	30.36	2.91	31.87	2.96	33.37	3.01	34.12	3.04	36.37	3.12	37.87	3.17
	89.6	29.76	2.98	31.26	3.03	32.76	3.09	33.51	3.11	35.76	3.19	37.27	3.24
	95.0	28.85	3.09	30.35	3.15	31.85	3.20	32.60	3.22	34.85	3.30	36.35	3.35
	104.0	25.08	2.56	26.18	2.56	27.24	2.56	27.77	2.56	29.31	2.56	30.31	2.56
	109.4	19.66	1.77	20.41	1.77	21.15	1.77	21.51	1.77	22.57	1.77	23.26	1.77
	114.8	12.24	0.98	12.66	0.98	13.06	0.98	13.26	0.98	13.85	0.98	14.23	0.98
FDXS09L + FDXS09L + FTXS15L	68.0	33.40	2.43	34.90	2.47	36.40	2.52	37.15	2.55	39.41	2.62	40.91	2.67
	77.0	31.88	2.57	33.38	2.62	34.88	2.67	35.64	2.69	37.89	2.76	39.39	2.81
	86.0	30.36	2.73	31.87	2.78	33.37	2.83	34.12	2.85	36.37	2.92	37.87	2.97
	89.6	29.76	2.80	31.26	2.85	32.76	2.89	33.51	2.92	35.76	2.99	37.27	3.04
	95.0	28.85	2.90	30.35	2.95	31.85	3.00	32.60	3.02	34.85	3.10	36.35	3.14
	104.0	25.42	2.56	26.55	2.56	27.65	2.56	28.20	2.56	29.79	2.56	30.82	2.56
	109.4	19.80	1.77	20.58	1.77	21.34	1.77	21.71	1.77	22.81	1.77	23.52	1.77
	114.8	12.27	0.98	12.70	0.98	13.11	0.98	13.32	0.98	13.92	0.98	14.32	0.98
FDXS09L + FDXS09L + CDXS15L	68.0	31.76	2.46	33.19	2.51	34.62	2.56	35.33	2.58	37.47	2.65	38.90	2.70
	77.0	30.32	2.61	31.74	2.65	33.17	2.70	33.89	2.73	36.03	2.80	37.46	2.85
	86.0	28.87	2.77	30.30	2.82	31.73	2.86	32.44	2.89	34.59	2.96	36.01	3.01
	89.6	28.30	2.83	29.72	2.88	31.15	2.93	31.87	2.96	34.01	3.03	35.44	3.08
	95.0	27.43	2.94	28.86	2.99	30.29	3.04	31.00	3.06	33.14	3.14	34.57	3.19
	104.0	24.24	2.56	25.32	2.56	26.37	2.56	26.89	2.56	28.41	2.56	29.40	2.56
	109.4	19.06	1.77	19.80	1.77	20.52	1.77	20.88	1.77	21.93	1.77	22.61	1.77
	114.8	11.89	0.98	12.30	0.98	12.70	0.98	12.90	0.98	13.48	0.98	13.85	0.98
FTXS09L + FTXS09L + FTXS18L	68.0	38.93	2.80	40.68	2.86	42.43	2.91	43.31	2.94	45.93	3.03	47.68	3.08
	77.0	37.16	2.97	38.91	3.03	40.66	3.08	41.54	3.11	44.16	3.19	45.92	3.25
	86.0	35.39	3.16	37.14	3.21	38.89	3.27	39.77	3.29	42.40	3.38	44.15	3.43
	89.6	34.68	3.23	36.44	3.29	38.19	3.34	39.06	3.37	41.69	3.46	43.44	3.51
	95.0	33.62	3.35	35.37	3.41	37.12	3.47	38.00	3.49	40.63	3.58	42.38	3.63
	104.0	28.13	2.56	29.31	2.56	30.46	2.56	31.03	2.56	32.68	2.56	33.76	2.56
	109.4	21.74	1.77	22.55	1.77	23.34	1.77	23.73	1.77	24.87	1.77	25.61	1.77
	114.8	13.38	0.98	13.82	0.98	14.26	0.98	14.47	0.98	15.10	0.98	15.51	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS09L + CDXS18L	68.0	37.19	2.75	38.86	2.81	40.53	2.86	41.37	2.89	43.88	2.97	45.55	3.03
	77.0	35.50	2.92	37.17	2.97	38.84	3.03	39.68	3.06	42.19	3.14	43.86	3.19
	86.0	33.81	3.10	35.48	3.16	37.15	3.21	37.99	3.24	40.50	3.32	42.17	3.38
	89.6	33.13	3.18	34.81	3.23	36.48	3.29	37.31	3.31	39.82	3.40	41.50	3.45
	95.0	32.12	3.30	33.79	3.35	35.46	3.41	36.30	3.43	38.81	3.52	40.48	3.57
	104.0	27.17	2.56	28.32	2.56	29.44	2.56	29.99	2.56	31.61	2.56	32.66	2.56
	109.4	21.09	1.77	21.88	1.77	22.65	1.77	23.03	1.77	24.15	1.77	24.87	1.77
	114.8	13.03	0.98	13.46	0.98	13.89	0.98	14.10	0.98	14.71	0.98	15.11	0.98
FTXS09L + FDXS09L + FTXS18L	68.0	37.19	2.72	38.86	2.78	40.53	2.83	41.37	2.86	43.88	2.94	45.55	2.99
	77.0	35.50	2.89	37.17	2.94	38.84	2.99	39.68	3.02	42.19	3.10	43.86	3.16
	86.0	33.81	3.06	35.48	3.12	37.15	3.17	37.99	3.20	40.50	3.28	42.17	3.34
	89.6	33.13	3.14	34.81	3.19	36.48	3.25	37.31	3.28	39.82	3.36	41.50	3.41
	95.0	32.12	3.26	33.79	3.31	35.46	3.37	36.30	3.39	38.81	3.47	40.48	3.53
	104.0	27.22	2.56	28.37	2.56	29.50	2.56	30.05	2.56	31.68	2.56	32.74	2.56
	109.4	21.11	1.77	21.90	1.77	22.68	1.77	23.06	1.77	24.18	1.77	24.91	1.77
	114.8	13.03	0.98	13.47	0.98	13.89	0.98	14.10	0.98	14.72	0.98	15.12	0.98
FTXS09L + FDXS09L + CDXS18L	68.0	35.55	2.74	37.15	2.79	38.75	2.85	39.55	2.87	41.95	2.96	43.54	3.01
	77.0	33.93	2.90	35.53	2.96	37.13	3.01	37.93	3.04	40.33	3.12	41.93	3.18
	86.0	32.32	3.08	33.92	3.14	35.52	3.19	36.32	3.22	38.71	3.30	40.31	3.36
	89.6	31.67	3.16	33.27	3.21	34.87	3.27	35.67	3.30	38.07	3.38	39.67	3.43
	95.0	30.70	3.28	32.30	3.33	33.90	3.39	34.70	3.41	37.10	3.50	38.70	3.55
	104.0	26.21	2.56	27.32	2.56	28.41	2.56	28.94	2.56	30.51	2.56	31.53	2.56
	109.4	20.47	1.77	21.23	1.77	21.98	1.77	22.35	1.77	23.43	1.77	24.13	1.77
	114.8	12.70	0.98	13.12	0.98	13.53	0.98	13.74	0.98	14.33	0.98	14.72	0.98
FDXS09L + FDXS09L + FTXS18L	68.0	35.55	2.71	37.15	2.76	38.75	2.81	39.55	2.84	41.95	2.92	43.54	2.98
	77.0	33.93	2.87	35.53	2.92	37.13	2.98	37.93	3.00	40.33	3.08	41.93	3.14
	86.0	32.32	3.05	33.92	3.10	35.52	3.15	36.32	3.18	38.71	3.26	40.31	3.32
	89.6	31.67	3.12	33.27	3.18	34.87	3.23	35.67	3.26	38.07	3.34	39.67	3.39
	95.0	30.70	3.24	32.30	3.29	33.90	3.35	34.70	3.37	37.10	3.45	38.70	3.51
	104.0	26.25	2.56	27.37	2.56	28.46	2.56	29.00	2.56	30.58	2.56	31.60	2.56
	109.4	20.47	1.77	21.24	1.77	22.00	1.77	22.37	1.77	23.45	1.77	24.16	1.77
	114.8	12.70	0.98	13.12	0.98	13.53	0.98	13.74	0.98	14.34	0.98	14.73	0.98
FDXS09L + FDXS09L + CDXS18L	68.0	33.81	2.71	35.33	2.77	36.85	2.82	37.61	2.85	39.89	2.93	41.41	2.98
	77.0	32.27	2.88	33.79	2.93	35.31	2.99	36.07	3.01	38.35	3.09	39.87	3.15
	86.0	30.74	3.06	32.26	3.11	33.78	3.16	34.54	3.19	36.82	3.27	38.34	3.33
	89.6	30.12	3.13	31.64	3.19	33.16	3.24	33.92	3.27	36.20	3.35	37.72	3.40
	95.0	29.20	3.25	30.72	3.30	32.24	3.36	33.00	3.38	35.28	3.46	36.80	3.52
	104.0	25.18	2.56	26.26	2.56	27.31	2.56	27.83	2.56	29.35	2.56	30.33	2.56
	109.4	19.79	1.77	20.53	1.77	21.26	1.77	21.61	1.77	22.66	1.77	23.34	1.77
	114.8	12.35	0.98	12.75	0.98	13.15	0.98	13.35	0.98	13.93	0.98	14.30	0.98
FTXS09L + FTXS09L + FTXS24L	68.0	38.93	2.76	40.68	2.82	42.43	2.87	43.31	2.90	45.93	2.98	47.68	3.04
	77.0	37.16	2.93	38.91	2.98	40.66	3.04	41.54	3.07	44.16	3.15	45.92	3.20
	86.0	35.39	3.11	37.14	3.16	38.89	3.22	39.77	3.25	42.40	3.33	44.15	3.39
	89.6	34.68	3.19	36.44	3.24	38.19	3.30	39.06	3.32	41.69	3.41	43.44	3.46
	95.0	33.62	3.31	35.37	3.36	37.12	3.42	38.00	3.44	40.63	3.53	42.38	3.58
	104.0	28.20	2.56	29.38	2.56	30.54	2.56	31.11	2.56	32.78	2.56	33.86	2.56
	109.4	21.76	1.77	22.57	1.77	23.37	1.77	23.76	1.77	24.91	1.77	25.66	1.77
	114.8	13.38	0.98	13.83	0.98	14.26	0.98	14.48	0.98	15.12	0.98	15.53	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS09L + CDXS24L	68.0	37.39	2.76	39.08	2.82	40.76	2.87	41.60	2.90	44.12	2.98	45.80	3.04
	77.0	35.70	2.93	37.38	2.98	39.06	3.04	39.90	3.07	42.42	3.15	44.10	3.20
	86.0	34.00	3.11	35.68	3.16	37.36	3.22	38.20	3.25	40.72	3.33	42.40	3.39
	89.6	33.32	3.19	35.00	3.24	36.68	3.30	37.52	3.32	40.04	3.41	41.72	3.46
	95.0	32.30	3.31	33.98	3.36	35.66	3.42	36.50	3.44	39.02	3.53	40.70	3.58
	104.0	27.28	2.56	28.43	2.56	29.56	2.56	30.11	2.56	31.73	2.56	32.78	2.56
	109.4	21.17	1.77	21.96	1.77	22.73	1.77	23.11	1.77	24.23	1.77	24.96	1.77
	114.8	13.07	0.98	13.51	0.98	13.93	0.98	14.14	0.98	14.76	0.98	15.16	0.98
FTXS09L + FDXS09L + FTXS24L	68.0	37.39	2.74	39.08	2.79	40.76	2.85	41.60	2.87	44.12	2.96	45.80	3.01
	77.0	35.70	2.90	37.38	2.96	39.06	3.01	39.90	3.04	42.42	3.12	44.10	3.18
	86.0	34.00	3.08	35.68	3.14	37.36	3.19	38.20	3.22	40.72	3.30	42.40	3.36
	89.6	33.32	3.16	35.00	3.21	36.68	3.27	37.52	3.30	40.04	3.38	41.72	3.43
	95.0	32.30	3.28	33.98	3.33	35.66	3.39	36.50	3.41	39.02	3.50	40.70	3.55
	104.0	27.32	2.56	28.47	2.56	29.60	2.56	30.16	2.56	31.78	2.56	32.84	2.56
	109.4	21.18	1.77	21.97	1.77	22.75	1.77	23.13	1.77	24.25	1.77	24.98	1.77
	114.8	13.07	0.98	13.51	0.98	13.94	0.98	14.15	0.98	14.77	0.98	15.17	0.98
FTXS09L + FDXS09L + CDXS24L	68.0	35.86	2.74	37.47	2.79	39.08	2.85	39.89	2.87	42.31	2.96	43.92	3.01
	77.0	34.23	2.90	35.84	2.96	37.45	3.01	38.26	3.04	40.68	3.12	42.29	3.18
	86.0	32.60	3.08	34.21	3.14	35.82	3.19	36.63	3.22	39.05	3.30	40.66	3.36
	89.6	31.95	3.16	33.56	3.21	35.17	3.27	35.98	3.30	38.40	3.38	40.01	3.43
	95.0	30.97	3.28	32.58	3.33	34.19	3.39	35.00	3.41	37.42	3.50	39.03	3.55
	104.0	26.39	2.56	27.51	2.56	28.61	2.56	29.15	2.56	30.72	2.56	31.75	2.56
	109.4	20.58	1.77	21.35	1.77	22.11	1.77	22.48	1.77	23.56	1.77	24.27	1.77
	114.8	12.76	0.98	13.19	0.98	13.60	0.98	13.81	0.98	14.41	0.98	14.80	0.98
FDXS09L + FDXS09L + FTXS24L	68.0	35.86	2.67	37.47	2.72	39.08	2.77	39.89	2.80	42.31	2.88	43.92	2.93
	77.0	34.23	2.83	35.84	2.88	37.45	2.93	38.26	2.96	40.68	3.04	42.29	3.09
	86.0	32.60	3.00	34.21	3.05	35.82	3.11	36.63	3.13	39.05	3.21	40.66	3.27
	89.6	31.95	3.08	33.56	3.13	35.17	3.18	35.98	3.21	38.40	3.29	40.01	3.34
	95.0	30.97	3.19	32.58	3.24	34.19	3.30	35.00	3.32	37.42	3.40	39.03	3.46
	104.0	26.50	2.56	27.63	2.56	28.74	2.56	29.28	2.56	30.88	2.56	31.92	2.56
	109.4	20.61	1.77	21.39	1.77	22.16	1.77	22.53	1.77	23.63	1.77	24.35	1.77
	114.8	12.76	0.98	13.19	0.98	13.61	0.98	13.81	0.98	14.42	0.98	14.82	0.98
FDXS09L + FDXS09L + CDXS24L	68.0	34.32	2.72	35.86	2.78	37.41	2.83	38.18	2.86	40.49	2.94	42.04	2.99
	77.0	32.76	2.89	34.30	2.94	35.85	2.99	36.62	3.02	38.93	3.10	40.48	3.16
	86.0	31.20	3.06	32.74	3.12	34.29	3.17	35.06	3.20	37.37	3.28	38.92	3.34
	89.6	30.58	3.14	32.12	3.19	33.66	3.25	34.44	3.28	36.75	3.36	38.29	3.41
	95.0	29.64	3.26	31.18	3.31	32.73	3.37	33.50	3.39	35.82	3.47	37.36	3.53
	104.0	25.49	2.56	26.57	2.56	27.63	2.56	28.16	2.56	29.69	2.56	30.69	2.56
	109.4	19.99	1.77	20.74	1.77	21.47	1.77	21.83	1.77	22.88	1.77	23.57	1.77
	114.8	12.45	0.98	12.86	0.98	13.27	0.98	13.46	0.98	14.05	0.98	14.43	0.98
FTXS09L + FTXS12L + FTXS12L	68.0	36.68	2.74	38.33	2.79	39.98	2.85	40.80	2.87	43.27	2.96	44.92	3.01
	77.0	35.01	2.90	36.66	2.96	38.31	3.01	39.13	3.04	41.61	3.12	43.26	3.18
	86.0	33.34	3.08	34.99	3.14	36.64	3.19	37.47	3.22	39.94	3.30	41.59	3.36
	89.6	32.68	3.16	34.33	3.21	35.98	3.27	36.80	3.30	39.27	3.38	40.92	3.43
	95.0	31.68	3.28	33.33	3.33	34.98	3.39	35.80	3.41	38.27	3.50	39.92	3.55
	104.0	26.89	2.56	28.02	2.56	29.14	2.56	29.68	2.56	31.29	2.56	32.33	2.56
	109.4	20.90	1.77	21.68	1.77	22.45	1.77	22.83	1.77	23.93	1.77	24.65	1.77
	114.8	12.93	0.98	13.36	0.98	13.78	0.98	13.99	0.98	14.60	0.98	14.99	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS12L + FDXS12L	68.0	35.04	2.77	36.61	2.83	38.19	2.88	38.98	2.91	41.34	2.99	42.92	3.05
	77.0	33.45	2.94	35.02	2.99	36.60	3.05	37.38	3.08	39.75	3.16	41.32	3.21
	86.0	31.85	3.12	33.43	3.17	35.00	3.23	35.79	3.26	38.16	3.34	39.73	3.39
	89.6	31.22	3.20	32.79	3.25	34.37	3.31	35.16	3.33	37.52	3.42	39.09	3.47
	95.0	30.26	3.32	31.84	3.37	33.41	3.43	34.20	3.45	36.56	3.54	38.14	3.59
	104.0	25.87	2.56	26.97	2.56	28.04	2.56	28.56	2.56	30.11	2.56	31.11	2.56
	109.4	20.26	1.77	21.02	1.77	21.75	1.77	22.11	1.77	23.18	1.77	23.87	1.77
	114.8	12.61	0.98	13.02	0.98	13.43	0.98	13.63	0.98	14.21	0.98	14.60	0.98
FTXS09L + FDXS12L + FDXS12L	68.0	33.40	2.69	34.90	2.74	36.40	2.80	37.15	2.82	39.41	2.90	40.91	2.96
	77.0	31.88	2.85	33.38	2.91	34.88	2.96	35.64	2.99	37.89	3.07	39.39	3.12
	86.0	30.36	3.03	31.87	3.08	33.37	3.14	34.12	3.16	36.37	3.24	37.87	3.30
	89.6	29.76	3.10	31.26	3.16	32.76	3.21	33.51	3.24	35.76	3.32	37.27	3.37
	95.0	28.85	3.22	30.35	3.27	31.85	3.33	32.60	3.35	34.85	3.43	36.35	3.49
	104.0	24.95	2.56	26.03	2.56	27.07	2.56	27.59	2.56	29.10	2.56	30.08	2.56
	109.4	19.63	1.77	20.37	1.77	21.09	1.77	21.44	1.77	22.49	1.77	23.16	1.77
	114.8	12.26	0.98	12.66	0.98	13.06	0.98	13.26	0.98	13.83	0.98	14.20	0.98
FDXS09L + FTXS12L + FTXS12L	68.0	35.04	2.72	36.61	2.78	38.19	2.83	38.98	2.86	41.34	2.94	42.92	2.99
	77.0	33.45	2.89	35.02	2.94	36.60	2.99	37.38	3.02	39.75	3.10	41.32	3.16
	86.0	31.85	3.06	33.43	3.12	35.00	3.17	35.79	3.20	38.16	3.28	39.73	3.34
	89.6	31.22	3.14	32.79	3.19	34.37	3.25	35.16	3.28	37.52	3.36	39.09	3.41
	95.0	30.26	3.26	31.84	3.31	33.41	3.37	34.20	3.39	36.56	3.47	38.14	3.53
	104.0	25.92	2.56	27.02	2.56	28.10	2.56	28.63	2.56	30.19	2.56	31.20	2.56
	109.4	20.27	1.77	21.03	1.77	21.77	1.77	22.14	1.77	23.21	1.77	23.91	1.77
	114.8	12.60	0.98	13.01	0.98	13.42	0.98	13.62	0.98	14.22	0.98	14.60	0.98
FDXS09L + FTXS12L + FDXS12L	68.0	33.40	2.70	34.90	2.75	36.40	2.81	37.15	2.83	39.41	2.91	40.91	2.97
	77.0	31.88	2.86	33.38	2.91	34.88	2.97	35.64	2.99	37.89	3.08	39.39	3.13
	86.0	30.36	3.04	31.87	3.09	33.37	3.15	34.12	3.17	36.37	3.25	37.87	3.31
	89.6	29.76	3.11	31.26	3.17	32.76	3.22	33.51	3.25	35.76	3.33	37.27	3.38
	95.0	28.85	3.23	30.35	3.28	31.85	3.34	32.60	3.36	34.85	3.44	36.35	3.50
	104.0	24.95	2.56	26.02	2.56	27.06	2.56	27.58	2.56	29.09	2.56	30.07	2.56
	109.4	19.63	1.77	20.37	1.77	21.09	1.77	21.44	1.77	22.48	1.77	23.16	1.77
	114.8	12.26	0.98	12.66	0.98	13.06	0.98	13.26	0.98	13.83	0.98	14.20	0.98
FDXS09L + FDXS12L + FDXS12L	68.0	31.76	2.56	33.19	2.61	34.62	2.66	35.33	2.69	37.47	2.77	38.90	2.82
	77.0	30.32	2.72	31.74	2.77	33.17	2.82	33.89	2.84	36.03	2.92	37.46	2.97
	86.0	28.87	2.88	30.30	2.93	31.73	2.99	32.44	3.01	34.59	3.09	36.01	3.14
	89.6	28.30	2.95	29.72	3.01	31.15	3.06	31.87	3.08	34.01	3.16	35.44	3.21
	95.0	27.43	3.07	28.86	3.12	30.29	3.17	31.00	3.19	33.14	3.27	34.57	3.32
	104.0	24.07	2.56	25.13	2.56	26.16	2.56	26.67	2.56	28.16	2.56	29.12	2.56
	109.4	19.00	1.77	19.73	1.77	20.44	1.77	20.79	1.77	21.81	1.77	22.48	1.77
	114.8	11.89	0.98	12.29	0.98	12.68	0.98	12.88	0.98	13.44	0.98	13.81	0.98
FTXS09L + FTXS12L + FTXS15L	68.0	38.93	2.86	40.68	2.92	42.43	2.97	43.31	3.00	45.93	3.09	47.68	3.14
	77.0	37.16	3.03	38.91	3.09	40.66	3.14	41.54	3.17	44.16	3.26	45.92	3.32
	86.0	35.39	3.22	37.14	3.28	38.89	3.33	39.77	3.36	42.40	3.45	44.15	3.50
	89.6	34.68	3.30	36.44	3.35	38.19	3.41	39.06	3.44	41.69	3.53	43.44	3.58
	95.0	33.62	3.42	35.37	3.48	37.12	3.54	38.00	3.56	40.63	3.65	42.38	3.71
	104.0	28.06	2.56	29.22	2.56	30.36	2.56	30.92	2.56	32.57	2.56	33.63	2.56
	109.4	21.72	1.77	22.52	1.77	23.30	1.77	23.69	1.77	24.82	1.77	25.56	1.77
	114.8	13.38	0.98	13.82	0.98	14.26	0.98	14.47	0.98	15.09	0.98	15.50	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS12L + CDXS15L	68.0	37.19	2.77	38.86	2.83	40.53	2.88	41.37	2.91	43.88	2.99	45.55	3.05
	77.0	35.50	2.94	37.17	2.99	38.84	3.05	39.68	3.08	42.19	3.16	43.86	3.21
	86.0	33.81	3.12	35.48	3.17	37.15	3.23	37.99	3.26	40.50	3.34	42.17	3.39
	89.6	33.13	3.20	34.81	3.25	36.48	3.31	37.31	3.33	39.82	3.42	41.50	3.47
	95.0	32.12	3.32	33.79	3.37	35.46	3.43	36.30	3.45	38.81	3.54	40.48	3.59
	104.0	27.15	2.56	28.29	2.56	29.41	2.56	29.96	2.56	31.57	2.56	32.62	2.56
	109.4	21.09	1.77	21.87	1.77	22.64	1.77	23.02	1.77	24.13	1.77	24.85	1.77
	114.8	13.03	0.98	13.46	0.98	13.89	0.98	14.10	0.98	14.71	0.98	15.11	0.98
FTXS09L + FDXS12L + FTXS15L	68.0	37.19	2.72	38.86	2.78	40.53	2.83	41.37	2.86	43.88	2.94	45.55	2.99
	77.0	35.50	2.89	37.17	2.94	38.84	2.99	39.68	3.02	42.19	3.10	43.86	3.16
	86.0	33.81	3.06	35.48	3.12	37.15	3.17	37.99	3.20	40.50	3.28	42.17	3.34
	89.6	33.13	3.14	34.81	3.19	36.48	3.25	37.31	3.28	39.82	3.36	41.50	3.41
	95.0	32.12	3.26	33.79	3.31	35.46	3.37	36.30	3.39	38.81	3.47	40.48	3.53
	104.0	27.22	2.56	28.37	2.56	29.50	2.56	30.05	2.56	31.68	2.56	32.74	2.56
	109.4	21.11	1.77	21.90	1.77	22.68	1.77	23.06	1.77	24.18	1.77	24.91	1.77
	114.8	13.03	0.98	13.47	0.98	13.89	0.98	14.10	0.98	14.72	0.98	15.12	0.98
FTXS09L + FDXS12L + CDXS15L	68.0	35.55	2.75	37.15	2.80	38.75	2.86	39.55	2.88	41.95	2.97	43.54	3.02
	77.0	33.93	2.91	35.53	2.97	37.13	3.02	37.93	3.05	40.33	3.13	41.93	3.19
	86.0	32.32	3.09	33.92	3.15	35.52	3.20	36.32	3.23	38.71	3.31	40.31	3.37
	89.6	31.67	3.17	33.27	3.22	34.87	3.28	35.67	3.30	38.07	3.39	39.67	3.44
	95.0	30.70	3.29	32.30	3.34	33.90	3.40	34.70	3.42	37.10	3.51	38.70	3.56
	104.0	26.20	2.56	27.31	2.56	28.40	2.56	28.93	2.56	30.50	2.56	31.52	2.56
	109.4	20.46	1.77	21.23	1.77	21.97	1.77	22.34	1.77	23.42	1.77	24.12	1.77
	114.8	12.70	0.98	13.12	0.98	13.53	0.98	13.74	0.98	14.33	0.98	14.72	0.98
FDXS09L + FTXS12L + FTXS15L	68.0	37.19	2.72	38.86	2.78	40.53	2.83	41.37	2.86	43.88	2.94	45.55	2.99
	77.0	35.50	2.89	37.17	2.94	38.84	2.99	39.68	3.02	42.19	3.10	43.86	3.16
	86.0	33.81	3.06	35.48	3.12	37.15	3.17	37.99	3.20	40.50	3.28	42.17	3.34
	89.6	33.13	3.14	34.81	3.19	36.48	3.25	37.31	3.28	39.82	3.36	41.50	3.41
	95.0	32.12	3.26	33.79	3.31	35.46	3.37	36.30	3.39	38.81	3.47	40.48	3.53
	104.0	27.22	2.56	28.37	2.56	29.50	2.56	30.05	2.56	31.68	2.56	32.74	2.56
	109.4	21.11	1.77	21.90	1.77	22.68	1.77	23.06	1.77	24.18	1.77	24.91	1.77
	114.8	13.03	0.98	13.47	0.98	13.89	0.98	14.10	0.98	14.72	0.98	15.12	0.98
FDXS09L + FTXS12L + CDXS15L	68.0	35.55	2.75	37.15	2.80	38.75	2.86	39.55	2.88	41.95	2.97	43.54	3.02
	77.0	33.93	2.91	35.53	2.97	37.13	3.02	37.93	3.05	40.33	3.13	41.93	3.19
	86.0	32.32	3.09	33.92	3.15	35.52	3.20	36.32	3.23	38.71	3.31	40.31	3.37
	89.6	31.67	3.17	33.27	3.22	34.87	3.28	35.67	3.30	38.07	3.39	39.67	3.44
	95.0	30.70	3.29	32.30	3.34	33.90	3.40	34.70	3.42	37.10	3.51	38.70	3.56
	104.0	26.20	2.56	27.31	2.56	28.40	2.56	28.93	2.56	30.50	2.56	31.52	2.56
	109.4	20.46	1.77	21.23	1.77	21.97	1.77	22.34	1.77	23.42	1.77	24.12	1.77
	114.8	12.70	0.98	13.12	0.98	13.53	0.98	13.74	0.98	14.33	0.98	14.72	0.98
FDXS09L + FDXS12L + FTXS15L	68.0	35.55	2.70	37.15	2.75	38.75	2.81	39.55	2.83	41.95	2.91	43.54	2.97
	77.0	33.93	2.86	35.53	2.91	37.13	2.97	37.93	2.99	40.33	3.08	41.93	3.13
	86.0	32.32	3.04	33.92	3.09	35.52	3.15	36.32	3.17	38.71	3.25	40.31	3.31
	89.6	31.67	3.11	33.27	3.17	34.87	3.22	35.67	3.25	38.07	3.33	39.67	3.38
	95.0	30.70	3.23	32.30	3.28	33.90	3.34	34.70	3.36	37.10	3.44	38.70	3.50
	104.0	26.26	2.56	27.38	2.56	28.48	2.56	29.01	2.56	30.59	2.56	31.62	2.56
	109.4	20.48	1.77	21.25	1.77	22.00	1.77	22.37	1.77	23.46	1.77	24.17	1.77
	114.8	12.70	0.98	13.12	0.98	13.54	0.98	13.74	0.98	14.34	0.98	14.73	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FDXS12L + CDXS15L	68.0	33.81	2.73	35.33	2.78	36.85	2.84	37.61	2.87	39.89	2.95	41.41	3.00
	77.0	32.27	2.89	33.79	2.95	35.31	3.00	36.07	3.03	38.35	3.11	39.87	3.17
	86.0	30.74	3.07	32.26	3.13	33.78	3.18	34.54	3.21	36.82	3.29	38.34	3.35
	89.6	30.12	3.15	31.64	3.20	33.16	3.26	33.92	3.29	36.20	3.37	37.72	3.42
	95.0	29.20	3.27	30.72	3.32	32.24	3.38	33.00	3.40	35.28	3.49	36.80	3.54
	104.0	25.17	2.56	26.24	2.56	27.29	2.56	27.81	2.56	29.32	2.56	30.31	2.56
	109.4	19.79	1.77	20.53	1.77	21.25	1.77	21.61	1.77	22.65	1.77	23.33	1.77
	114.8	12.35	0.98	12.76	0.98	13.15	0.98	13.35	0.98	13.93	0.98	14.30	0.98
FTXS09L + FTXS12L + FTXS18L	68.0	38.93	2.86	40.68	2.92	42.43	2.97	43.31	3.00	45.93	3.09	47.68	3.14
	77.0	37.16	3.03	38.91	3.09	40.66	3.14	41.54	3.17	44.16	3.26	45.92	3.32
	86.0	35.39	3.22	37.14	3.28	38.89	3.33	39.77	3.36	42.40	3.45	44.15	3.50
	89.6	34.68	3.30	36.44	3.35	38.19	3.41	39.06	3.44	41.69	3.53	43.44	3.58
	95.0	33.62	3.42	35.37	3.48	37.12	3.54	38.00	3.56	40.63	3.65	42.38	3.71
	104.0	28.06	2.56	29.22	2.56	30.36	2.56	30.92	2.56	32.57	2.56	33.63	2.56
	109.4	21.72	1.77	22.52	1.77	23.30	1.77	23.69	1.77	24.82	1.77	25.56	1.77
	114.8	13.38	0.98	13.82	0.98	14.26	0.98	14.47	0.98	15.09	0.98	15.50	0.98
FTXS09L + FTXS12L + CDXS18L	68.0	37.29	2.76	38.97	2.82	40.65	2.87	41.48	2.90	44.00	2.98	45.68	3.04
	77.0	35.60	2.93	37.27	2.98	38.95	3.04	39.79	3.07	42.31	3.15	43.98	3.20
	86.0	33.90	3.11	35.58	3.16	37.26	3.22	38.09	3.25	40.61	3.33	42.29	3.39
	89.6	33.22	3.19	34.90	3.24	36.58	3.30	37.42	3.32	39.93	3.41	41.61	3.46
	95.0	32.21	3.31	33.88	3.36	35.56	3.42	36.40	3.44	38.92	3.53	40.59	3.58
	104.0	27.22	2.56	28.37	2.56	29.49	2.56	30.04	2.56	31.66	2.56	32.71	2.56
	109.4	21.13	1.77	21.92	1.77	22.69	1.77	23.07	1.77	24.18	1.77	24.91	1.77
	114.8	13.05	0.98	13.49	0.98	13.91	0.98	14.12	0.98	14.74	0.98	15.14	0.98
FTXS09L + FDXS12L + FTXS18L	68.0	37.29	2.72	38.97	2.78	40.65	2.83	41.48	2.86	44.00	2.94	45.68	2.99
	77.0	35.60	2.89	37.27	2.94	38.95	2.99	39.79	3.02	42.31	3.10	43.98	3.16
	86.0	33.90	3.06	35.58	3.12	37.26	3.17	38.09	3.20	40.61	3.28	42.29	3.34
	89.6	33.22	3.14	34.90	3.19	36.58	3.25	37.42	3.28	39.93	3.36	41.61	3.41
	95.0	32.21	3.26	33.88	3.31	35.56	3.37	36.40	3.39	38.92	3.47	40.59	3.53
	104.0	27.28	2.56	28.44	2.56	29.57	2.56	30.12	2.56	31.75	2.56	32.81	2.56
	109.4	21.15	1.77	21.94	1.77	22.72	1.77	23.10	1.77	24.23	1.77	24.95	1.77
	114.8	13.05	0.98	13.49	0.98	13.92	0.98	14.13	0.98	14.75	0.98	15.15	0.98
FTXS09L + FDXS12L + CDXS18L	68.0	35.76	2.74	37.36	2.79	38.97	2.85	39.78	2.87	42.19	2.96	43.79	3.01
	77.0	34.13	2.90	35.74	2.96	37.35	3.01	38.15	3.04	40.56	3.12	42.17	3.18
	86.0	32.51	3.08	34.11	3.14	35.72	3.19	36.53	3.22	38.94	3.30	40.54	3.36
	89.6	31.86	3.16	33.46	3.21	35.07	3.27	35.88	3.30	38.29	3.38	39.89	3.43
	95.0	30.88	3.28	32.49	3.33	34.10	3.39	34.90	3.41	37.31	3.50	38.92	3.55
	104.0	26.33	2.56	27.45	2.56	28.54	2.56	29.08	2.56	30.65	2.56	31.68	2.56
	109.4	20.54	1.77	21.31	1.77	22.06	1.77	22.43	1.77	23.52	1.77	24.22	1.77
	114.8	12.74	0.98	13.16	0.98	13.58	0.98	13.78	0.98	14.38	0.98	14.77	0.98
FDXS09L + FTXS12L + FTXS18L	68.0	37.29	2.72	38.97	2.78	40.65	2.83	41.48	2.86	44.00	2.94	45.68	2.99
	77.0	35.60	2.89	37.27	2.94	38.95	2.99	39.79	3.02	42.31	3.10	43.98	3.16
	86.0	33.90	3.06	35.58	3.12	37.26	3.17	38.09	3.20	40.61	3.28	42.29	3.34
	89.6	33.22	3.14	34.90	3.19	36.58	3.25	37.42	3.28	39.93	3.36	41.61	3.41
	95.0	32.21	3.26	33.88	3.31	35.56	3.37	36.40	3.39	38.92	3.47	40.59	3.53
	104.0	27.28	2.56	28.44	2.56	29.57	2.56	30.12	2.56	31.75	2.56	32.81	2.56
	109.4	21.15	1.77	21.94	1.77	22.72	1.77	23.10	1.77	24.23	1.77	24.95	1.77
	114.8	13.05	0.98	13.49	0.98	13.92	0.98	14.13	0.98	14.75	0.98	15.15	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FTXS12L + CDXS18L	68.0	35.76	2.74	37.36	2.79	38.97	2.85	39.78	2.87	42.19	2.96	43.79	3.01
	77.0	34.13	2.90	35.74	2.96	37.35	3.01	38.15	3.04	40.56	3.12	42.17	3.18
	86.0	32.51	3.08	34.11	3.14	35.72	3.19	36.53	3.22	38.94	3.30	40.54	3.36
	89.6	31.86	3.16	33.46	3.21	35.07	3.27	35.88	3.30	38.29	3.38	39.89	3.43
	95.0	30.88	3.28	32.49	3.33	34.10	3.39	34.90	3.41	37.31	3.50	38.92	3.55
	104.0	26.33	2.56	27.45	2.56	28.54	2.56	29.08	2.56	30.65	2.56	31.68	2.56
	109.4	20.54	1.77	21.31	1.77	22.06	1.77	22.43	1.77	23.52	1.77	24.22	1.77
	114.8	12.74	0.98	13.16	0.98	13.58	0.98	13.78	0.98	14.38	0.98	14.77	0.98
FDXS09L + FDXS12L + FTXS18L	68.0	35.76	2.76	37.36	2.82	38.97	2.87	39.78	2.90	42.19	2.98	43.79	3.04
	77.0	34.13	2.93	35.74	2.98	37.35	3.04	38.15	3.07	40.56	3.15	42.17	3.20
	86.0	32.51	3.11	34.11	3.16	35.72	3.22	36.53	3.25	38.94	3.33	40.54	3.39
	89.6	31.86	3.19	33.46	3.24	35.07	3.30	35.88	3.32	38.29	3.41	39.89	3.46
	95.0	30.88	3.31	32.49	3.36	34.10	3.42	34.90	3.44	37.31	3.53	38.92	3.58
	104.0	26.31	2.56	27.42	2.56	28.51	2.56	29.04	2.56	30.61	2.56	31.63	2.56
	109.4	20.54	1.77	21.30	1.77	22.05	1.77	22.42	1.77	23.50	1.77	24.20	1.77
	114.8	12.75	0.98	13.17	0.98	13.58	0.98	13.78	0.98	14.38	0.98	14.77	0.98
FDXS09L + FDXS12L + CDXS18L	68.0	34.12	2.77	35.65	2.83	37.18	2.88	37.95	2.91	40.25	2.99	41.79	3.05
	77.0	32.57	2.94	34.10	2.99	35.63	3.05	36.40	3.08	38.70	3.16	40.24	3.21
	86.0	31.02	3.12	32.55	3.17	34.08	3.23	34.85	3.26	37.15	3.34	38.69	3.39
	89.6	30.39	3.20	31.93	3.25	33.46	3.31	34.23	3.33	36.53	3.42	38.07	3.47
	95.0	29.46	3.32	31.00	3.37	32.53	3.43	33.30	3.45	35.60	3.54	37.14	3.59
	104.0	25.32	2.56	26.40	2.56	27.45	2.56	27.96	2.56	29.48	2.56	30.46	2.56
	109.4	19.91	1.77	20.65	1.77	21.37	1.77	21.73	1.77	22.77	1.77	23.45	1.77
	114.8	12.42	0.98	12.83	0.98	13.23	0.98	13.42	0.98	14.00	0.98	14.38	0.98
FTXS09L + FTXS12L + FTXS24L	68.0	38.93	2.76	40.68	2.82	42.43	2.87	43.31	2.90	45.93	2.98	47.68	3.04
	77.0	37.16	2.93	38.91	2.98	40.66	3.04	41.54	3.07	44.16	3.15	45.92	3.20
	86.0	35.39	3.11	37.14	3.16	38.89	3.22	39.77	3.25	42.40	3.33	44.15	3.39
	89.6	34.68	3.19	36.44	3.24	38.19	3.30	39.06	3.32	41.69	3.41	43.44	3.46
	95.0	33.62	3.31	35.37	3.36	37.12	3.42	38.00	3.44	40.63	3.53	42.38	3.58
	104.0	28.20	2.56	29.38	2.56	30.54	2.56	31.11	2.56	32.78	2.56	33.86	2.56
	109.4	21.76	1.77	22.57	1.77	23.37	1.77	23.76	1.77	24.91	1.77	25.66	1.77
	114.8	13.38	0.98	13.83	0.98	14.26	0.98	14.48	0.98	15.12	0.98	15.53	0.98
FTXS09L + FTXS12L + CDXS24L	68.0	37.50	2.76	39.18	2.82	40.87	2.87	41.71	2.90	44.24	2.98	45.93	3.04
	77.0	35.79	2.93	37.48	2.98	39.17	3.04	40.01	3.07	42.54	3.15	44.22	3.20
	86.0	34.09	3.11	35.77	3.16	37.46	3.22	38.30	3.25	40.83	3.33	42.52	3.39
	89.6	33.41	3.19	35.09	3.24	36.78	3.30	37.62	3.32	40.15	3.41	41.84	3.46
	95.0	32.38	3.31	34.07	3.36	35.76	3.42	36.60	3.44	39.13	3.53	40.82	3.58
	104.0	27.34	2.56	28.50	2.56	29.62	2.56	30.18	2.56	31.80	2.56	32.85	2.56
	109.4	21.21	1.77	22.00	1.77	22.78	1.77	23.16	1.77	24.28	1.77	25.00	1.77
	114.8	13.09	0.98	13.53	0.98	13.96	0.98	14.17	0.98	14.78	0.98	15.18	0.98
FTXS09L + FDXS12L + FTXS24L	68.0	37.50	2.74	39.18	2.79	40.87	2.85	41.71	2.87	44.24	2.96	45.93	3.01
	77.0	35.79	2.90	37.48	2.96	39.17	3.01	40.01	3.04	42.54	3.12	44.22	3.18
	86.0	34.09	3.08	35.77	3.14	37.46	3.19	38.30	3.22	40.83	3.30	42.52	3.36
	89.6	33.41	3.16	35.09	3.21	36.78	3.27	37.62	3.30	40.15	3.38	41.84	3.43
	95.0	32.38	3.28	34.07	3.33	35.76	3.39	36.60	3.41	39.13	3.50	40.82	3.55
	104.0	27.38	2.56	28.54	2.56	29.67	2.56	30.22	2.56	31.86	2.56	32.91	2.56
	109.4	21.22	1.77	22.01	1.77	22.79	1.77	23.18	1.77	24.30	1.77	25.03	1.77
	114.8	13.09	0.98	13.53	0.98	13.96	0.98	14.17	0.98	14.79	0.98	15.19	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FDXS12L + CDXS24L	68.0	36.06	2.74	37.68	2.79	39.31	2.85	40.12	2.87	42.55	2.96	44.17	3.01
	77.0	34.42	2.90	36.05	2.96	37.67	3.01	38.48	3.04	40.91	3.12	42.53	3.18
	86.0	32.78	3.08	34.41	3.14	36.03	3.19	36.84	3.22	39.27	3.30	40.89	3.36
	89.6	32.13	3.16	33.75	3.21	35.37	3.27	36.18	3.30	38.62	3.38	40.24	3.43
	95.0	31.15	3.28	32.77	3.33	34.39	3.39	35.20	3.41	37.63	3.50	39.25	3.55
	104.0	26.52	2.56	27.64	2.56	28.74	2.56	29.28	2.56	30.87	2.56	31.90	2.56
	109.4	20.66	1.77	21.44	1.77	22.19	1.77	22.56	1.77	23.66	1.77	24.37	1.77
	114.8	12.80	0.98	13.23	0.98	13.65	0.98	13.85	0.98	14.45	0.98	14.85	0.98
FDXS09L + FTXS12L + FTXS24L	68.0	37.50	2.75	39.18	2.80	40.87	2.86	41.71	2.88	44.24	2.97	45.93	3.02
	77.0	35.79	2.91	37.48	2.97	39.17	3.02	40.01	3.05	42.54	3.13	44.22	3.19
	86.0	34.09	3.09	35.77	3.15	37.46	3.20	38.30	3.23	40.83	3.31	42.52	3.37
	89.6	33.41	3.17	35.09	3.22	36.78	3.28	37.62	3.30	40.15	3.39	41.84	3.44
	95.0	32.38	3.29	34.07	3.34	35.76	3.40	36.60	3.42	39.13	3.51	40.82	3.56
	104.0	27.37	2.56	28.52	2.56	29.65	2.56	30.21	2.56	31.84	2.56	32.89	2.56
	109.4	21.22	1.77	22.01	1.77	22.79	1.77	23.17	1.77	24.29	1.77	25.02	1.77
	114.8	13.09	0.98	13.53	0.98	13.96	0.98	14.17	0.98	14.79	0.98	15.19	0.98
FDXS09L + FTXS12L + CDXS24L	68.0	36.06	2.75	37.68	2.80	39.31	2.86	40.12	2.88	42.55	2.97	44.17	3.02
	77.0	34.42	2.91	36.05	2.97	37.67	3.02	38.48	3.05	40.91	3.13	42.53	3.19
	86.0	32.78	3.09	34.41	3.15	36.03	3.20	36.84	3.23	39.27	3.31	40.89	3.37
	89.6	32.13	3.17	33.75	3.22	35.37	3.28	36.18	3.30	38.62	3.39	40.24	3.44
	95.0	31.15	3.29	32.77	3.34	34.39	3.40	35.20	3.42	37.63	3.51	39.25	3.56
	104.0	26.51	2.56	27.63	2.56	28.73	2.56	29.27	2.56	30.85	2.56	31.88	2.56
	109.4	20.66	1.77	21.43	1.77	22.19	1.77	22.56	1.77	23.65	1.77	24.36	1.77
	114.8	12.80	0.98	13.23	0.98	13.65	0.98	13.85	0.98	14.45	0.98	14.84	0.98
FDXS09L + FDXS12L + FTXS24L	68.0	36.06	2.72	37.68	2.78	39.31	2.83	40.12	2.86	42.55	2.94	44.17	2.99
	77.0	34.42	2.89	36.05	2.94	37.67	2.99	38.48	3.02	40.91	3.10	42.53	3.16
	86.0	32.78	3.06	34.41	3.12	36.03	3.17	36.84	3.20	39.27	3.28	40.89	3.34
	89.6	32.13	3.14	33.75	3.19	35.37	3.25	36.18	3.28	38.62	3.36	40.24	3.41
	95.0	31.15	3.26	32.77	3.31	34.39	3.37	35.20	3.39	37.63	3.47	39.25	3.53
	104.0	26.54	2.56	27.67	2.56	28.77	2.56	29.31	2.56	30.90	2.56	31.93	2.56
	109.4	20.67	1.77	21.44	1.77	22.20	1.77	22.58	1.77	23.67	1.77	24.38	1.77
	114.8	12.80	0.98	13.23	0.98	13.65	0.98	13.85	0.98	14.46	0.98	14.85	0.98
FDXS09L + FDXS12L + CDXS24L	68.0	34.63	2.78	36.19	2.83	37.74	2.89	38.52	2.92	40.86	3.00	42.41	3.06
	77.0	33.05	2.95	34.61	3.00	36.17	3.06	36.95	3.08	39.28	3.17	40.84	3.22
	86.0	31.48	3.13	33.04	3.18	34.60	3.24	35.37	3.27	37.71	3.35	39.27	3.40
	89.6	30.85	3.21	32.41	3.26	33.97	3.32	34.74	3.34	37.08	3.43	38.64	3.48
	95.0	29.91	3.33	31.46	3.38	33.02	3.44	33.80	3.46	36.14	3.55	37.69	3.60
	104.0	25.62	2.56	26.71	2.56	27.77	2.56	28.29	2.56	29.82	2.56	30.81	2.56
	109.4	20.11	1.77	20.85	1.77	21.58	1.77	21.94	1.77	22.99	1.77	23.68	1.77
	114.8	12.53	0.98	12.94	0.98	13.34	0.98	13.54	0.98	14.12	0.98	14.50	0.98
FTXS09L + FTXS15L + FTXS15L	68.0	38.93	2.73	40.68	2.78	42.43	2.84	43.31	2.87	45.93	2.95	47.68	3.00
	77.0	37.16	2.89	38.91	2.95	40.66	3.00	41.54	3.03	44.16	3.11	45.92	3.17
	86.0	35.39	3.07	37.14	3.13	38.89	3.18	39.77	3.21	42.40	3.29	44.15	3.35
	89.6	34.68	3.15	36.44	3.20	38.19	3.26	39.06	3.29	41.69	3.37	43.44	3.42
	95.0	33.62	3.27	35.37	3.32	37.12	3.38	38.00	3.40	40.63	3.49	42.38	3.54
	104.0	28.26	2.56	29.45	2.56	30.61	2.56	31.19	2.56	32.87	2.56	33.96	2.56
	109.4	21.78	1.77	22.60	1.77	23.40	1.77	23.80	1.77	24.95	1.77	25.71	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.13	0.98	15.54	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS15L + CDXS15L	68.0	37.29	2.76	38.97	2.82	40.65	2.87	41.48	2.90	44.00	2.98	45.68	3.04
	77.0	35.60	2.93	37.27	2.98	38.95	3.04	39.79	3.07	42.31	3.15	43.98	3.20
	86.0	33.90	3.11	35.58	3.16	37.26	3.22	38.09	3.25	40.61	3.33	42.29	3.39
	89.6	33.22	3.19	34.90	3.24	36.58	3.30	37.42	3.32	39.93	3.41	41.61	3.46
	95.0	32.21	3.31	33.88	3.36	35.56	3.42	36.40	3.44	38.92	3.53	40.59	3.58
	104.0	27.22	2.56	28.37	2.56	29.49	2.56	30.04	2.56	31.66	2.56	32.71	2.56
	109.4	21.13	1.77	21.92	1.77	22.69	1.77	23.07	1.77	24.18	1.77	24.91	1.77
	114.8	13.05	0.98	13.49	0.98	13.91	0.98	14.12	0.98	14.74	0.98	15.14	0.98
FTXS09L + CDXS15L + CDXS15L	68.0	35.76	2.74	37.36	2.79	38.97	2.85	39.78	2.87	42.19	2.96	43.79	3.01
	77.0	34.13	2.90	35.74	2.96	37.35	3.01	38.15	3.04	40.56	3.12	42.17	3.18
	86.0	32.51	3.08	34.11	3.14	35.72	3.19	36.53	3.22	38.94	3.30	40.54	3.36
	89.6	31.86	3.16	33.46	3.21	35.07	3.27	35.88	3.30	38.29	3.38	39.89	3.43
	95.0	30.88	3.28	32.49	3.33	34.10	3.39	34.90	3.41	37.31	3.50	38.92	3.55
	104.0	26.33	2.56	27.45	2.56	28.54	2.56	29.08	2.56	30.65	2.56	31.68	2.56
	109.4	20.54	1.77	21.31	1.77	22.06	1.77	22.43	1.77	23.52	1.77	24.22	1.77
	114.8	12.74	0.98	13.16	0.98	13.58	0.98	13.78	0.98	14.38	0.98	14.77	0.98
FDXS09L + FTXS15L + FTXS15L	68.0	37.29	2.77	38.97	2.83	40.65	2.88	41.48	2.91	44.00	2.99	45.68	3.05
	77.0	35.60	2.94	37.27	2.99	38.95	3.05	39.79	3.08	42.31	3.16	43.98	3.21
	86.0	33.90	3.12	35.58	3.17	37.26	3.23	38.09	3.26	40.61	3.34	42.29	3.39
	89.6	33.22	3.20	34.90	3.25	36.58	3.31	37.42	3.33	39.93	3.42	41.61	3.47
	95.0	32.21	3.32	33.88	3.37	35.56	3.43	36.40	3.45	38.92	3.54	40.59	3.59
	104.0	27.21	2.56	28.36	2.56	29.48	2.56	30.03	2.56	31.64	2.56	32.69	2.56
	109.4	21.13	1.77	21.91	1.77	22.68	1.77	23.06	1.77	24.18	1.77	24.90	1.77
	114.8	13.05	0.98	13.49	0.98	13.91	0.98	14.12	0.98	14.73	0.98	15.13	0.98
FDXS09L + FTXS15L + CDXS15L	68.0	35.76	2.69	37.36	2.74	38.97	2.80	39.78	2.82	42.19	2.90	43.79	2.96
	77.0	34.13	2.85	35.74	2.91	37.35	2.96	38.15	2.99	40.56	3.07	42.17	3.12
	86.0	32.51	3.03	34.11	3.08	35.72	3.14	36.53	3.16	38.94	3.24	40.54	3.30
	89.6	31.86	3.10	33.46	3.16	35.07	3.21	35.88	3.24	38.29	3.32	39.89	3.37
	95.0	30.88	3.22	32.49	3.27	34.10	3.33	34.90	3.35	37.31	3.43	38.92	3.49
	104.0	26.40	2.56	27.52	2.56	28.62	2.56	29.17	2.56	30.75	2.56	31.79	2.56
	109.4	20.56	1.77	21.34	1.77	22.09	1.77	22.47	1.77	23.56	1.77	24.27	1.77
	114.8	12.74	0.98	13.16	0.98	13.58	0.98	13.79	0.98	14.39	0.98	14.78	0.98
FDXS09L + CDXS15L + CDXS15L	68.0	34.12	2.72	35.65	2.78	37.18	2.83	37.95	2.86	40.25	2.94	41.79	2.99
	77.0	32.57	2.89	34.10	2.94	35.63	2.99	36.40	3.02	38.70	3.10	40.24	3.16
	86.0	31.02	3.06	32.55	3.12	34.08	3.17	34.85	3.20	37.15	3.28	38.69	3.34
	89.6	30.39	3.14	31.93	3.19	33.46	3.25	34.23	3.28	36.53	3.36	38.07	3.41
	95.0	29.46	3.26	31.00	3.31	32.53	3.37	33.30	3.39	35.60	3.47	37.14	3.53
	104.0	25.36	2.56	26.44	2.56	27.50	2.56	28.02	2.56	29.55	2.56	30.54	2.56
	109.4	19.91	1.77	20.65	1.77	21.38	1.77	21.74	1.77	22.79	1.77	23.48	1.77
	114.8	12.41	0.98	12.82	0.98	13.22	0.98	13.42	0.98	14.00	0.98	14.38	0.98
FTXS09L + FTXS15L + FTXS18L	68.0	38.93	2.73	40.68	2.78	42.43	2.84	43.31	2.87	45.93	2.95	47.68	3.00
	77.0	37.16	2.89	38.91	2.95	40.66	3.00	41.54	3.03	44.16	3.11	45.92	3.17
	86.0	35.39	3.07	37.14	3.13	38.89	3.18	39.77	3.21	42.40	3.29	44.15	3.35
	89.6	34.68	3.15	36.44	3.20	38.19	3.26	39.06	3.29	41.69	3.37	43.44	3.42
	95.0	33.62	3.27	35.37	3.32	37.12	3.38	38.00	3.40	40.63	3.49	42.38	3.54
	104.0	28.26	2.56	29.45	2.56	30.61	2.56	31.19	2.56	32.87	2.56	33.96	2.56
	109.4	21.78	1.77	22.60	1.77	23.40	1.77	23.80	1.77	24.95	1.77	25.71	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.13	0.98	15.54	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS15L + CDXS18L	68.0	37.39	2.75	39.08	2.81	40.76	2.86	41.60	2.89	44.12	2.97	45.80	3.03
	77.0	35.70	2.92	37.38	2.97	39.06	3.03	39.90	3.06	42.42	3.14	44.10	3.19
	86.0	34.00	3.10	35.68	3.16	37.36	3.21	38.20	3.24	40.72	3.32	42.40	3.38
	89.6	33.32	3.18	35.00	3.23	36.68	3.29	37.52	3.31	40.04	3.40	41.72	3.45
	95.0	32.30	3.30	33.98	3.35	35.66	3.41	36.50	3.43	39.02	3.52	40.70	3.57
	104.0	27.29	2.56	28.45	2.56	29.57	2.56	30.12	2.56	31.75	2.56	32.80	2.56
	109.4	21.17	1.77	21.96	1.77	22.74	1.77	23.12	1.77	24.24	1.77	24.96	1.77
	114.8	13.07	0.98	13.51	0.98	13.93	0.98	14.14	0.98	14.76	0.98	15.16	0.98
FTXS09L + CDXS15L + FTXS18L	68.0	37.39	2.76	39.08	2.82	40.76	2.87	41.60	2.90	44.12	2.98	45.80	3.04
	77.0	35.70	2.93	37.38	2.98	39.06	3.04	39.90	3.07	42.42	3.15	44.10	3.20
	86.0	34.00	3.11	35.68	3.16	37.36	3.22	38.20	3.25	40.72	3.33	42.40	3.39
	89.6	33.32	3.19	35.00	3.24	36.68	3.30	37.52	3.32	40.04	3.41	41.72	3.46
	95.0	32.30	3.31	33.98	3.36	35.66	3.42	36.50	3.44	39.02	3.53	40.70	3.58
	104.0	27.28	2.56	28.43	2.56	29.56	2.56	30.11	2.56	31.73	2.56	32.78	2.56
	109.4	21.17	1.77	21.96	1.77	22.73	1.77	23.11	1.77	24.23	1.77	24.96	1.77
	114.8	13.07	0.98	13.51	0.98	13.93	0.98	14.14	0.98	14.76	0.98	15.16	0.98
FTXS09L + CDXS15L + CDXS18L	68.0	35.86	2.73	37.47	2.78	39.08	2.84	39.89	2.87	42.31	2.95	43.92	3.00
	77.0	34.23	2.89	35.84	2.95	37.45	3.00	38.26	3.03	40.68	3.11	42.29	3.17
	86.0	32.60	3.07	34.21	3.13	35.82	3.18	36.63	3.21	39.05	3.29	40.66	3.35
	89.6	31.95	3.15	33.56	3.20	35.17	3.26	35.98	3.29	38.40	3.37	40.01	3.42
	95.0	30.97	3.27	32.58	3.32	34.19	3.38	35.00	3.40	37.42	3.49	39.03	3.54
	104.0	26.40	2.56	27.52	2.56	28.62	2.56	29.16	2.56	30.74	2.56	31.77	2.56
	109.4	20.59	1.77	21.36	1.77	22.11	1.77	22.48	1.77	23.57	1.77	24.28	1.77
	114.8	12.76	0.98	13.19	0.98	13.60	0.98	13.81	0.98	14.41	0.98	14.80	0.98
FDXS09L + FTXS15L + FTXS18L	68.0	37.39	2.77	39.08	2.83	40.76	2.88	41.60	2.91	44.12	2.99	45.80	3.05
	77.0	35.70	2.94	37.38	2.99	39.06	3.05	39.90	3.08	42.42	3.16	44.10	3.21
	86.0	34.00	3.12	35.68	3.17	37.36	3.23	38.20	3.26	40.72	3.34	42.40	3.39
	89.6	33.32	3.20	35.00	3.25	36.68	3.31	37.52	3.33	40.04	3.42	41.72	3.47
	95.0	32.30	3.32	33.98	3.37	35.66	3.43	36.50	3.45	39.02	3.54	40.70	3.59
	104.0	27.27	2.56	28.42	2.56	29.54	2.56	30.09	2.56	31.71	2.56	32.76	2.56
	109.4	21.17	1.77	21.96	1.77	22.73	1.77	23.11	1.77	24.22	1.77	24.95	1.77
	114.8	13.07	0.98	13.51	0.98	13.93	0.98	14.14	0.98	14.76	0.98	15.16	0.98
FDXS09L + FTXS15L + CDXS18L	68.0	35.86	2.74	37.47	2.79	39.08	2.85	39.89	2.87	42.31	2.96	43.92	3.01
	77.0	34.23	2.90	35.84	2.96	37.45	3.01	38.26	3.04	40.68	3.12	42.29	3.18
	86.0	32.60	3.08	34.21	3.14	35.82	3.19	36.63	3.22	39.05	3.30	40.66	3.36
	89.6	31.95	3.16	33.56	3.21	35.17	3.27	35.98	3.30	38.40	3.38	40.01	3.43
	95.0	30.97	3.28	32.58	3.33	34.19	3.39	35.00	3.41	37.42	3.50	39.03	3.55
	104.0	26.39	2.56	27.51	2.56	28.61	2.56	29.15	2.56	30.72	2.56	31.75	2.56
	109.4	20.58	1.77	21.35	1.77	22.11	1.77	22.48	1.77	23.56	1.77	24.27	1.77
	114.8	12.76	0.98	13.19	0.98	13.60	0.98	13.81	0.98	14.41	0.98	14.80	0.98
FDXS09L + CDXS15L + FTXS18L	68.0	35.86	2.75	37.47	2.80	39.08	2.86	39.89	2.88	42.31	2.97	43.92	3.02
	77.0	34.23	2.91	35.84	2.97	37.45	3.02	38.26	3.05	40.68	3.13	42.29	3.19
	86.0	32.60	3.09	34.21	3.15	35.82	3.20	36.63	3.23	39.05	3.31	40.66	3.37
	89.6	31.95	3.17	33.56	3.22	35.17	3.28	35.98	3.30	38.40	3.39	40.01	3.44
	95.0	30.97	3.29	32.58	3.34	34.19	3.40	35.00	3.42	37.42	3.51	39.03	3.56
	104.0	26.38	2.56	27.50	2.56	28.60	2.56	29.13	2.56	30.71	2.56	31.73	2.56
	109.4	20.58	1.77	21.35	1.77	22.10	1.77	22.47	1.77	23.56	1.77	24.26	1.77
	114.8	12.76	0.98	13.19	0.98	13.60	0.98	13.81	0.98	14.41	0.98	14.80	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + CDXS15L + CDXS18L	68.0	34.32	2.71	35.86	2.77	37.41	2.82	38.18	2.85	40.49	2.93	42.04	2.98
	77.0	32.76	2.88	34.30	2.93	35.85	2.99	36.62	3.01	38.93	3.09	40.48	3.15
	86.0	31.20	3.06	32.74	3.11	34.29	3.16	35.06	3.19	37.37	3.27	38.92	3.33
	89.6	30.58	3.13	32.12	3.19	33.66	3.24	34.44	3.27	36.75	3.35	38.29	3.40
	95.0	29.64	3.25	31.18	3.30	32.73	3.36	33.50	3.38	35.82	3.46	37.36	3.52
	104.0	25.49	2.56	26.58	2.56	27.65	2.56	28.17	2.56	29.70	2.56	30.70	2.56
	109.4	19.99	1.77	20.74	1.77	21.47	1.77	21.83	1.77	22.89	1.77	23.58	1.77
	114.8	12.45	0.98	12.86	0.98	13.26	0.98	13.46	0.98	14.05	0.98	14.43	0.98
FTXS09L + FTXS15L + FTXS24L	68.0	38.93	2.75	40.68	2.80	42.43	2.86	43.31	2.88	45.93	2.97	47.68	3.02
	77.0	37.16	2.91	38.91	2.97	40.66	3.02	41.54	3.05	44.16	3.13	45.92	3.19
	86.0	35.39	3.09	37.14	3.15	38.89	3.20	39.77	3.23	42.40	3.31	44.15	3.37
	89.6	34.68	3.17	36.44	3.22	38.19	3.28	39.06	3.30	41.69	3.39	43.44	3.44
	95.0	33.62	3.29	35.37	3.34	37.12	3.40	38.00	3.42	40.63	3.51	42.38	3.56
	104.0	28.23	2.56	29.41	2.56	30.58	2.56	31.15	2.56	32.82	2.56	33.91	2.56
	109.4	21.77	1.77	22.59	1.77	23.39	1.77	23.78	1.77	24.93	1.77	25.68	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.48	0.98	15.12	0.98	15.54	0.98
FTXS09L + FTXS15L + CDXS24L	68.0	37.60	2.75	39.29	2.81	40.98	2.86	41.83	2.89	44.36	2.97	46.05	3.03
	77.0	35.89	2.92	37.58	2.97	39.27	3.03	40.12	3.06	42.65	3.14	44.34	3.19
	86.0	34.18	3.10	35.87	3.16	37.56	3.21	38.41	3.24	40.95	3.32	42.64	3.38
	89.6	33.50	3.18	35.19	3.23	36.88	3.29	37.73	3.31	40.26	3.40	41.95	3.45
	95.0	32.47	3.30	34.16	3.35	35.85	3.41	36.70	3.43	39.24	3.52	40.93	3.57
	104.0	27.42	2.56	28.57	2.56	29.70	2.56	30.26	2.56	31.89	2.56	32.95	2.56
	109.4	21.25	1.77	22.05	1.77	22.82	1.77	23.21	1.77	24.33	1.77	25.06	1.77
	114.8	13.11	0.98	13.55	0.98	13.98	0.98	14.19	0.98	14.81	0.98	15.21	0.98
FTXS09L + CDXS15L + FTXS24L	68.0	37.60	2.72	39.29	2.78	40.98	2.83	41.83	2.86	44.36	2.94	46.05	2.99
	77.0	35.89	2.89	37.58	2.94	39.27	2.99	40.12	3.02	42.65	3.10	44.34	3.16
	86.0	34.18	3.06	35.87	3.12	37.56	3.17	38.41	3.20	40.95	3.28	42.64	3.34
	89.6	33.50	3.14	35.19	3.19	36.88	3.25	37.73	3.28	40.26	3.36	41.95	3.41
	95.0	32.47	3.26	34.16	3.31	35.85	3.37	36.70	3.39	39.24	3.47	40.93	3.53
	104.0	27.47	2.56	28.63	2.56	29.77	2.56	30.33	2.56	31.97	2.56	33.03	2.56
	109.4	21.27	1.77	22.07	1.77	22.85	1.77	23.23	1.77	24.36	1.77	25.10	1.77
	114.8	13.11	0.98	13.55	0.98	13.98	0.98	14.19	0.98	14.82	0.98	15.22	0.98
FTXS09L + CDXS15L + CDXS24L	68.0	36.17	2.73	37.79	2.78	39.42	2.84	40.23	2.87	42.67	2.95	44.30	3.00
	77.0	34.52	2.89	36.15	2.95	37.77	3.00	38.59	3.03	41.03	3.11	42.65	3.17
	86.0	32.88	3.07	34.50	3.13	36.13	3.18	36.94	3.21	39.38	3.29	41.01	3.35
	89.6	32.22	3.15	33.85	3.20	35.47	3.26	36.29	3.29	38.73	3.37	40.35	3.42
	95.0	31.23	3.27	32.86	3.32	34.49	3.38	35.30	3.40	37.74	3.49	39.37	3.54
	104.0	26.59	2.56	27.72	2.56	28.82	2.56	29.36	2.56	30.95	2.56	31.99	2.56
	109.4	20.71	1.77	21.48	1.77	22.24	1.77	22.61	1.77	23.71	1.77	24.42	1.77
	114.8	12.82	0.98	13.25	0.98	13.67	0.98	13.87	0.98	14.48	0.98	14.87	0.98
FDXS09L + FTXS15L + FTXS24L	68.0	37.60	2.72	39.29	2.78	40.98	2.83	41.83	2.86	44.36	2.94	46.05	2.99
	77.0	35.89	2.89	37.58	2.94	39.27	2.99	40.12	3.02	42.65	3.10	44.34	3.16
	86.0	34.18	3.06	35.87	3.12	37.56	3.17	38.41	3.20	40.95	3.28	42.64	3.34
	89.6	33.50	3.14	35.19	3.19	36.88	3.25	37.73	3.28	40.26	3.36	41.95	3.41
	95.0	32.47	3.26	34.16	3.31	35.85	3.37	36.70	3.39	39.24	3.47	40.93	3.53
	104.0	27.47	2.56	28.63	2.56	29.77	2.56	30.33	2.56	31.97	2.56	33.03	2.56
	109.4	21.27	1.77	22.07	1.77	22.85	1.77	23.23	1.77	24.36	1.77	25.10	1.77
	114.8	13.11	0.98	13.55	0.98	13.98	0.98	14.19	0.98	14.82	0.98	15.22	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FTXS15L + CDXS24L	68.0	36.17	2.74	37.79	2.79	39.42	2.85	40.23	2.87	42.67	2.96	44.30	3.01
	77.0	34.52	2.90	36.15	2.96	37.77	3.01	38.59	3.04	41.03	3.12	42.65	3.18
	86.0	32.88	3.08	34.50	3.14	36.13	3.19	36.94	3.22	39.38	3.30	41.01	3.36
	89.6	32.22	3.16	33.85	3.21	35.47	3.27	36.29	3.30	38.73	3.38	40.35	3.43
	95.0	31.23	3.28	32.86	3.33	34.49	3.39	35.30	3.41	37.74	3.50	39.37	3.55
	104.0	26.58	2.56	27.71	2.56	28.81	2.56	29.35	2.56	30.94	2.56	31.97	2.56
	109.4	20.70	1.77	21.48	1.77	22.24	1.77	22.61	1.77	23.70	1.77	24.41	1.77
	114.8	12.82	0.98	13.25	0.98	13.67	0.98	13.87	0.98	14.48	0.98	14.87	0.98
FDXS09L + CDXS15L + FTXS24L	68.0	36.17	2.71	37.79	2.76	39.42	2.81	40.23	2.84	42.67	2.92	44.30	2.98
	77.0	34.52	2.87	36.15	2.92	37.77	2.98	38.59	3.00	41.03	3.08	42.65	3.14
	86.0	32.88	3.05	34.50	3.10	36.13	3.15	36.94	3.18	39.38	3.26	41.01	3.32
	89.6	32.22	3.12	33.85	3.18	35.47	3.23	36.29	3.26	38.73	3.34	40.35	3.39
	95.0	31.23	3.24	32.86	3.29	34.49	3.35	35.30	3.37	37.74	3.45	39.37	3.51
	104.0	26.62	2.56	27.76	2.56	28.86	2.56	29.41	2.56	31.01	2.56	32.04	2.56
	109.4	20.72	1.77	21.49	1.77	22.26	1.77	22.63	1.77	23.73	1.77	24.45	1.77
	114.8	12.82	0.98	13.25	0.98	13.67	0.98	13.88	0.98	14.48	0.98	14.88	0.98
FDXS09L + CDXS15L + CDXS24L	68.0	34.83	2.77	36.40	2.83	37.97	2.88	38.75	2.91	41.10	2.99	42.67	3.05
	77.0	33.25	2.94	34.82	2.99	36.38	3.05	37.17	3.08	39.52	3.16	41.08	3.21
	86.0	31.67	3.12	33.23	3.17	34.80	3.23	35.58	3.26	37.93	3.34	39.50	3.39
	89.6	31.03	3.20	32.60	3.25	34.17	3.31	34.95	3.33	37.30	3.42	38.87	3.47
	95.0	30.08	3.32	31.65	3.37	33.22	3.43	34.00	3.45	36.35	3.54	37.92	3.59
	104.0	25.75	2.56	26.84	2.56	27.90	2.56	28.43	2.56	29.97	2.56	30.97	2.56
	109.4	20.18	1.77	20.93	1.77	21.67	1.77	22.03	1.77	23.09	1.77	23.78	1.77
	114.8	12.57	0.98	12.98	0.98	13.38	0.98	13.58	0.98	14.17	0.98	14.55	0.98
FTXS09L + FTXS18L + FTXS18L	68.0	38.93	2.73	40.68	2.78	42.43	2.84	43.31	2.87	45.93	2.95	47.68	3.00
	77.0	37.16	2.89	38.91	2.95	40.66	3.00	41.54	3.03	44.16	3.11	45.92	3.17
	86.0	35.39	3.07	37.14	3.13	38.89	3.18	39.77	3.21	42.40	3.29	44.15	3.35
	89.6	34.68	3.15	36.44	3.20	38.19	3.26	39.06	3.29	41.69	3.37	43.44	3.42
	95.0	33.62	3.27	35.37	3.32	37.12	3.38	38.00	3.40	40.63	3.49	42.38	3.54
	104.0	28.26	2.56	29.45	2.56	30.61	2.56	31.19	2.56	32.87	2.56	33.96	2.56
	109.4	21.78	1.77	22.60	1.77	23.40	1.77	23.80	1.77	24.95	1.77	25.71	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.13	0.98	15.54	0.98
FTXS09L + FTXS18L + CDXS18L	68.0	37.50	2.75	39.18	2.81	40.87	2.86	41.71	2.89	44.24	2.97	45.93	3.03
	77.0	35.79	2.92	37.48	2.97	39.17	3.03	40.01	3.06	42.54	3.14	44.22	3.19
	86.0	34.09	3.10	35.77	3.16	37.46	3.21	38.30	3.24	40.83	3.32	42.52	3.38
	89.6	33.41	3.18	35.09	3.23	36.78	3.29	37.62	3.31	40.15	3.40	41.84	3.45
	95.0	32.38	3.30	34.07	3.35	35.76	3.41	36.60	3.43	39.13	3.52	40.82	3.57
	104.0	27.35	2.56	28.51	2.56	29.64	2.56	30.19	2.56	31.82	2.56	32.87	2.56
	109.4	21.21	1.77	22.00	1.77	22.78	1.77	23.16	1.77	24.28	1.77	25.01	1.77
	114.8	13.09	0.98	13.53	0.98	13.96	0.98	14.17	0.98	14.79	0.98	15.19	0.98
FTXS09L + CDXS18L + CDXS18L	68.0	36.06	2.72	37.68	2.78	39.31	2.83	40.12	2.86	42.55	2.94	44.17	2.99
	77.0	34.42	2.89	36.05	2.94	37.67	2.99	38.48	3.02	40.91	3.10	42.53	3.16
	86.0	32.78	3.06	34.41	3.12	36.03	3.17	36.84	3.20	39.27	3.28	40.89	3.34
	89.6	32.13	3.14	33.75	3.19	35.37	3.25	36.18	3.28	38.62	3.36	40.24	3.41
	95.0	31.15	3.26	32.77	3.31	34.39	3.37	35.20	3.39	37.63	3.47	39.25	3.53
	104.0	26.54	2.56	27.67	2.56	28.77	2.56	29.31	2.56	30.90	2.56	31.93	2.56
	109.4	20.67	1.77	21.44	1.77	22.20	1.77	22.58	1.77	23.67	1.77	24.38	1.77
	114.8	12.80	0.98	13.23	0.98	13.65	0.98	13.85	0.98	14.46	0.98	14.85	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FTXS18L + FTXS18L	68.0	37.50	2.77	39.18	2.83	40.87	2.88	41.71	2.91	44.24	2.99	45.93	3.05
	77.0	35.79	2.94	37.48	2.99	39.17	3.05	40.01	3.08	42.54	3.16	44.22	3.21
	86.0	34.09	3.12	35.77	3.17	37.46	3.23	38.30	3.26	40.83	3.34	42.52	3.39
	89.6	33.41	3.20	35.09	3.25	36.78	3.31	37.62	3.33	40.15	3.42	41.84	3.47
	95.0	32.38	3.32	34.07	3.37	35.76	3.43	36.60	3.45	39.13	3.54	40.82	3.59
	104.0	27.33	2.56	28.48	2.56	29.61	2.56	30.16	2.56	31.78	2.56	32.84	2.56
	109.4	21.20	1.77	22.00	1.77	22.77	1.77	23.15	1.77	24.27	1.77	24.99	1.77
	114.8	13.09	0.98	13.53	0.98	13.95	0.98	14.16	0.98	14.78	0.98	15.18	0.98
FDXS09L + FTXS18L + CDXS18L	68.0	36.06	2.74	37.68	2.79	39.31	2.85	40.12	2.87	42.55	2.96	44.17	3.01
	77.0	34.42	2.90	36.05	2.96	37.67	3.01	38.48	3.04	40.91	3.12	42.53	3.18
	86.0	32.78	3.08	34.41	3.14	36.03	3.19	36.84	3.22	39.27	3.30	40.89	3.36
	89.6	32.13	3.16	33.75	3.21	35.37	3.27	36.18	3.30	38.62	3.38	40.24	3.43
	95.0	31.15	3.28	32.77	3.33	34.39	3.39	35.20	3.41	37.63	3.50	39.25	3.55
	104.0	26.52	2.56	27.64	2.56	28.74	2.56	29.28	2.56	30.87	2.56	31.90	2.56
	109.4	20.66	1.77	21.44	1.77	22.19	1.77	22.56	1.77	23.66	1.77	24.37	1.77
	114.8	12.80	0.98	13.23	0.98	13.65	0.98	13.85	0.98	14.45	0.98	14.85	0.98
FDXS09L + CDXS18L + CDXS18L	68.0	34.63	2.75	36.19	2.81	37.74	2.86	38.52	2.89	40.86	2.97	42.41	3.03
	77.0	33.05	2.92	34.61	2.97	36.17	3.03	36.95	3.06	39.28	3.14	40.84	3.19
	86.0	31.48	3.10	33.04	3.16	34.60	3.21	35.37	3.24	37.71	3.32	39.27	3.38
	89.6	30.85	3.18	32.41	3.23	33.97	3.29	34.74	3.31	37.08	3.40	38.64	3.45
	95.0	29.91	3.30	31.46	3.35	33.02	3.41	33.80	3.43	36.14	3.52	37.69	3.57
	104.0	25.64	2.56	26.73	2.56	27.79	2.56	28.32	2.56	29.85	2.56	30.85	2.56
	109.4	20.11	1.77	20.85	1.77	21.59	1.77	21.95	1.77	23.00	1.77	23.69	1.77
	114.8	12.52	0.98	12.93	0.98	13.34	0.98	13.53	0.98	14.12	0.98	14.50	0.98
FTXS12L + FTXS12L + FTXS12L	68.0	38.93	3.04	40.68	3.10	42.43	3.16	43.31	3.19	45.93	3.28	47.68	3.34
	77.0	37.16	3.22	38.91	3.28	40.66	3.34	41.54	3.37	44.16	3.46	45.92	3.52
	86.0	35.39	3.42	37.14	3.48	38.89	3.54	39.77	3.57	42.40	3.66	44.15	3.72
	89.6	34.68	3.50	36.44	3.56	38.19	3.62	39.06	3.65	41.69	3.74	43.44	3.80
	95.0	33.62	3.63	35.37	3.69	37.12	3.75	38.00	3.78	40.62	3.87	42.20	3.87
	104.0	27.93	2.56	29.07	2.56	30.17	2.56	30.72	2.56	32.32	2.56	33.36	2.56
	109.4	21.72	1.77	22.50	1.77	23.26	1.77	23.64	1.77	24.74	1.77	25.46	1.77
	114.8	13.44	0.98	13.87	0.98	14.29	0.98	14.49	0.98	15.10	0.98	15.50	0.98
FTXS12L + FTXS12L + FDXS12L	68.0	37.19	2.89	38.86	2.95	40.53	3.01	41.37	3.03	43.88	3.12	45.55	3.18
	77.0	35.50	3.06	37.17	3.12	38.84	3.18	39.68	3.21	42.19	3.30	43.86	3.35
	86.0	33.81	3.25	35.48	3.31	37.15	3.37	37.99	3.40	40.50	3.48	42.17	3.54
	89.6	33.13	3.33	34.81	3.39	36.48	3.45	37.31	3.48	39.82	3.57	41.50	3.62
	95.0	32.12	3.46	33.79	3.52	35.46	3.58	36.30	3.60	38.81	3.69	40.48	3.75
	104.0	27.03	2.56	28.15	2.56	29.25	2.56	29.79	2.56	31.37	2.56	32.40	2.56
	109.4	21.07	1.77	21.84	1.77	22.60	1.77	22.97	1.77	24.06	1.77	24.77	1.77
	114.8	13.06	0.98	13.48	0.98	13.90	0.98	14.10	0.98	14.70	0.98	15.10	0.98
FTXS12L + FDXS12L + FDXS12L	68.0	35.55	2.75	37.15	2.81	38.75	2.86	39.55	2.89	41.95	2.97	43.54	3.03
	77.0	33.93	2.92	35.53	2.97	37.13	3.03	37.93	3.06	40.33	3.14	41.93	3.19
	86.0	32.32	3.10	33.92	3.16	35.52	3.21	36.32	3.24	38.71	3.32	40.31	3.38
	89.6	31.67	3.18	33.27	3.23	34.87	3.29	35.67	3.31	38.07	3.40	39.67	3.45
	95.0	30.70	3.30	32.30	3.35	33.90	3.41	34.70	3.43	37.10	3.52	38.70	3.57
	104.0	26.19	2.56	27.30	2.56	28.39	2.56	28.92	2.56	30.48	2.56	31.50	2.56
	109.4	20.46	1.77	21.22	1.77	21.97	1.77	22.34	1.77	23.42	1.77	24.12	1.77
	114.8	12.70	0.98	13.12	0.98	13.54	0.98	13.74	0.98	14.33	0.98	14.72	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS12L + FDXS12L + FDXS12L	68.0	33.81	2.73	35.33	2.78	36.85	2.84	37.61	2.87	39.89	2.95	41.41	3.00
	77.0	32.27	2.89	33.79	2.95	35.31	3.00	36.07	3.03	38.35	3.11	39.87	3.17
	86.0	30.74	3.07	32.26	3.13	33.78	3.18	34.54	3.21	36.82	3.29	38.34	3.35
	89.6	30.12	3.15	31.64	3.20	33.16	3.26	33.92	3.29	36.20	3.37	37.72	3.42
	95.0	29.20	3.27	30.72	3.32	32.24	3.38	33.00	3.40	35.28	3.49	36.80	3.54
	104.0	25.17	2.56	26.24	2.56	27.29	2.56	27.81	2.56	29.32	2.56	30.31	2.56
	109.4	19.79	1.77	20.53	1.77	21.25	1.77	21.61	1.77	22.65	1.77	23.33	1.77
	114.8	12.35	0.98	12.76	0.98	13.15	0.98	13.35	0.98	13.93	0.98	14.30	0.98
FTXS12L + FTXS12L + FTXS15L	68.0	38.93	2.75	40.68	2.80	42.43	2.86	43.31	2.88	45.93	2.97	47.68	3.02
	77.0	37.16	2.91	38.91	2.97	40.66	3.02	41.54	3.05	44.16	3.13	45.92	3.19
	86.0	35.39	3.09	37.14	3.15	38.89	3.20	39.77	3.23	42.40	3.31	44.15	3.37
	89.6	34.68	3.17	36.44	3.22	38.19	3.28	39.06	3.30	41.69	3.39	43.44	3.44
	95.0	33.62	3.29	35.37	3.34	37.12	3.40	38.00	3.42	40.63	3.51	42.38	3.56
	104.0	28.23	2.56	29.41	2.56	30.58	2.56	31.15	2.56	32.82	2.56	33.91	2.56
	109.4	21.77	1.77	22.59	1.77	23.39	1.77	23.78	1.77	24.93	1.77	25.68	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.48	0.98	15.12	0.98	15.54	0.98
FTXS12L + FTXS12L + CDXS15L	68.0	37.29	2.77	38.97	2.83	40.65	2.88	41.48	2.91	44.00	2.99	45.68	3.05
	77.0	35.60	2.94	37.27	2.99	38.95	3.05	39.79	3.08	42.31	3.16	43.98	3.21
	86.0	33.90	3.12	35.58	3.17	37.26	3.23	38.09	3.26	40.61	3.34	42.29	3.39
	89.6	33.22	3.20	34.90	3.25	36.58	3.31	37.42	3.33	39.93	3.42	41.61	3.47
	95.0	32.21	3.32	33.88	3.37	35.56	3.43	36.40	3.45	38.92	3.54	40.59	3.59
	104.0	27.21	2.56	28.36	2.56	29.48	2.56	30.03	2.56	31.64	2.56	32.69	2.56
	109.4	21.13	1.77	21.91	1.77	22.68	1.77	23.06	1.77	24.18	1.77	24.90	1.77
	114.8	13.05	0.98	13.49	0.98	13.91	0.98	14.12	0.98	14.73	0.98	15.13	0.98
FTXS12L + FDXS12L + FTXS15L	68.0	37.29	2.72	38.97	2.78	40.65	2.83	41.48	2.86	44.00	2.94	45.68	2.99
	77.0	35.60	2.89	37.27	2.94	38.95	2.99	39.79	3.02	42.31	3.10	43.98	3.16
	86.0	33.90	3.06	35.58	3.12	37.26	3.17	38.09	3.20	40.61	3.28	42.29	3.34
	89.6	33.22	3.14	34.90	3.19	36.58	3.25	37.42	3.28	39.93	3.36	41.61	3.41
	95.0	32.21	3.26	33.88	3.31	35.56	3.37	36.40	3.39	38.92	3.47	40.59	3.53
	104.0	27.28	2.56	28.44	2.56	29.57	2.56	30.12	2.56	31.75	2.56	32.81	2.56
	109.4	21.15	1.77	21.94	1.77	22.72	1.77	23.10	1.77	24.23	1.77	24.95	1.77
	114.8	13.05	0.98	13.49	0.98	13.92	0.98	14.13	0.98	14.75	0.98	15.15	0.98
FTXS12L + FDXS12L + CDXS15L	68.0	35.76	2.75	37.36	2.80	38.97	2.86	39.78	2.88	42.19	2.97	43.79	3.02
	77.0	34.13	2.91	35.74	2.97	37.35	3.02	38.15	3.05	40.56	3.13	42.17	3.19
	86.0	32.51	3.09	34.11	3.15	35.72	3.20	36.53	3.23	38.94	3.31	40.54	3.37
	89.6	31.86	3.17	33.46	3.22	35.07	3.28	35.88	3.30	38.29	3.39	39.89	3.44
	95.0	30.88	3.29	32.49	3.34	34.10	3.40	34.90	3.42	37.31	3.51	38.92	3.56
	104.0	26.32	2.56	27.44	2.56	28.53	2.56	29.07	2.56	30.64	2.56	31.66	2.56
	109.4	20.54	1.77	21.31	1.77	22.06	1.77	22.43	1.77	23.51	1.77	24.22	1.77
	114.8	12.74	0.98	13.17	0.98	13.58	0.98	13.78	0.98	14.38	0.98	14.77	0.98
FDXS12L + FDXS12L + FTXS15L	68.0	35.76	2.75	37.36	2.81	38.97	2.86	39.78	2.89	42.19	2.97	43.79	3.03
	77.0	34.13	2.92	35.74	2.97	37.35	3.03	38.15	3.06	40.56	3.14	42.17	3.19
	86.0	32.51	3.10	34.11	3.16	35.72	3.21	36.53	3.24	38.94	3.32	40.54	3.38
	89.6	31.86	3.18	33.46	3.23	35.07	3.29	35.88	3.31	38.29	3.40	39.89	3.45
	95.0	30.88	3.30	32.49	3.35	34.10	3.41	34.90	3.43	37.31	3.52	38.92	3.57
	104.0	26.31	2.56	27.43	2.56	28.52	2.56	29.05	2.56	30.62	2.56	31.64	2.56
	109.4	20.54	1.77	21.31	1.77	22.06	1.77	22.42	1.77	23.51	1.77	24.21	1.77
	114.8	12.74	0.98	13.17	0.98	13.58	0.98	13.78	0.98	14.38	0.98	14.77	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS12L + FDXS12L + CDXS15L	68.0	34.12	2.78	35.65	2.83	37.18	2.89	37.95	2.92	40.25	3.00	41.79	3.06
	77.0	32.57	2.95	34.10	3.00	35.63	3.06	36.40	3.08	38.70	3.17	40.24	3.22
	86.0	31.02	3.13	32.55	3.18	34.08	3.24	34.85	3.27	37.15	3.35	38.69	3.40
	89.6	30.39	3.21	31.93	3.26	33.46	3.32	34.23	3.34	36.53	3.43	38.07	3.48
	95.0	29.46	3.33	31.00	3.38	32.53	3.44	33.30	3.46	35.60	3.55	37.14	3.60
	104.0	25.32	2.56	26.39	2.56	27.44	2.56	27.95	2.56	29.47	2.56	30.45	2.56
	109.4	19.91	1.77	20.65	1.77	21.37	1.77	21.72	1.77	22.77	1.77	23.44	1.77
	114.8	12.43	0.98	12.83	0.98	13.23	0.98	13.43	0.98	14.00	0.98	14.38	0.98
FTXS12L + FTXS12L + FTXS18L	68.0	38.93	2.75	40.68	2.80	42.43	2.86	43.31	2.88	45.93	2.97	47.68	3.02
	77.0	37.16	2.91	38.91	2.97	40.66	3.02	41.54	3.05	44.16	3.13	45.92	3.19
	86.0	35.39	3.09	37.14	3.15	38.89	3.20	39.77	3.23	42.40	3.31	44.15	3.37
	89.6	34.68	3.17	36.44	3.22	38.19	3.28	39.06	3.30	41.69	3.39	43.44	3.44
	95.0	33.62	3.29	35.37	3.34	37.12	3.40	38.00	3.42	40.63	3.51	42.38	3.56
	104.0	28.23	2.56	29.41	2.56	30.58	2.56	31.15	2.56	32.82	2.56	33.91	2.56
	109.4	21.77	1.77	22.59	1.77	23.39	1.77	23.78	1.77	24.93	1.77	25.68	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.48	0.98	15.12	0.98	15.54	0.98
FTXS12L + FTXS12L + CDXS18L	68.0	37.39	2.76	39.08	2.82	40.76	2.87	41.60	2.90	44.12	2.98	45.80	3.04
	77.0	35.70	2.93	37.38	2.98	39.06	3.04	39.90	3.07	42.42	3.15	44.10	3.20
	86.0	34.00	3.11	35.68	3.16	37.36	3.22	38.20	3.25	40.72	3.33	42.40	3.39
	89.6	33.32	3.19	35.00	3.24	36.68	3.30	37.52	3.32	40.04	3.41	41.72	3.46
	95.0	32.30	3.31	33.98	3.36	35.66	3.42	36.50	3.44	39.02	3.53	40.70	3.58
	104.0	27.28	2.56	28.43	2.56	29.56	2.56	30.11	2.56	31.73	2.56	32.78	2.56
	109.4	21.17	1.77	21.96	1.77	22.73	1.77	23.11	1.77	24.23	1.77	24.96	1.77
	114.8	13.07	0.98	13.51	0.98	13.93	0.98	14.14	0.98	14.76	0.98	15.16	0.98
FTXS12L + FDXS12L + FTXS18L	68.0	37.39	2.72	39.08	2.78	40.76	2.83	41.60	2.86	44.12	2.94	45.80	2.99
	77.0	35.70	2.89	37.38	2.94	39.06	2.99	39.90	3.02	42.42	3.10	44.10	3.16
	86.0	34.00	3.06	35.68	3.12	37.36	3.17	38.20	3.20	40.72	3.28	42.40	3.34
	89.6	33.32	3.14	35.00	3.19	36.68	3.25	37.52	3.28	40.04	3.36	41.72	3.41
	95.0	32.30	3.26	33.98	3.31	35.66	3.37	36.50	3.39	39.02	3.47	40.70	3.53
	104.0	27.34	2.56	28.50	2.56	29.63	2.56	30.19	2.56	31.82	2.56	32.88	2.56
	109.4	21.19	1.77	21.98	1.77	22.76	1.77	23.15	1.77	24.27	1.77	25.00	1.77
	114.8	13.07	0.98	13.51	0.98	13.94	0.98	14.15	0.98	14.77	0.98	15.17	0.98
FTXS12L + FDXS12L + CDXS18L	68.0	35.86	2.74	37.47	2.79	39.08	2.85	39.89	2.87	42.31	2.96	43.92	3.01
	77.0	34.23	2.90	35.84	2.96	37.45	3.01	38.26	3.04	40.68	3.12	42.29	3.18
	86.0	32.60	3.08	34.21	3.14	35.82	3.19	36.63	3.22	39.05	3.30	40.66	3.36
	89.6	31.95	3.16	33.56	3.21	35.17	3.27	35.98	3.30	38.40	3.38	40.01	3.43
	95.0	30.97	3.28	32.58	3.33	34.19	3.39	35.00	3.41	37.42	3.50	39.03	3.55
	104.0	26.39	2.56	27.51	2.56	28.61	2.56	29.15	2.56	30.72	2.56	31.75	2.56
	109.4	20.58	1.77	21.35	1.77	22.11	1.77	22.48	1.77	23.56	1.77	24.27	1.77
	114.8	12.76	0.98	13.19	0.98	13.60	0.98	13.81	0.98	14.41	0.98	14.80	0.98
FDXS12L + FDXS12L + FTXS18L	68.0	35.86	2.76	37.47	2.82	39.08	2.87	39.89	2.90	42.31	2.98	43.92	3.04
	77.0	34.23	2.93	35.84	2.98	37.45	3.04	38.26	3.07	40.68	3.15	42.29	3.20
	86.0	32.60	3.11	34.21	3.16	35.82	3.22	36.63	3.25	39.05	3.33	40.66	3.39
	89.6	31.95	3.19	33.56	3.24	35.17	3.30	35.98	3.32	38.40	3.41	40.01	3.46
	95.0	30.97	3.31	32.58	3.36	34.19	3.42	35.00	3.44	37.42	3.53	39.03	3.58
	104.0	26.37	2.56	27.48	2.56	28.57	2.56	29.11	2.56	30.68	2.56	31.70	2.56
	109.4	20.58	1.77	21.34	1.77	22.09	1.77	22.46	1.77	23.55	1.77	24.25	1.77
	114.8	12.77	0.98	13.19	0.98	13.60	0.98	13.81	0.98	14.40	0.98	14.79	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS12L + FDXS12L + CDXS18L	68.0	34.32	2.77	35.86	2.83	37.41	2.88	38.18	2.91	40.49	2.99	42.04	3.05
	77.0	32.76	2.94	34.30	2.99	35.85	3.05	36.62	3.08	38.93	3.16	40.48	3.21
	86.0	31.20	3.12	32.74	3.17	34.29	3.23	35.06	3.26	37.37	3.34	38.92	3.39
	89.6	30.58	3.20	32.12	3.25	33.66	3.31	34.44	3.33	36.75	3.42	38.29	3.47
	95.0	29.64	3.32	31.18	3.37	32.73	3.43	33.50	3.45	35.82	3.54	37.36	3.59
	104.0	25.45	2.56	26.52	2.56	27.58	2.56	28.10	2.56	29.62	2.56	30.61	2.56
	109.4	19.99	1.77	20.73	1.77	21.45	1.77	21.81	1.77	22.86	1.77	23.54	1.77
	114.8	12.46	0.98	12.87	0.98	13.27	0.98	13.47	0.98	14.05	0.98	14.42	0.98
FTXS12L + FTXS12L + FTXS24L	68.0	38.93	2.75	40.68	2.80	42.43	2.86	43.31	2.88	45.93	2.97	47.68	3.02
	77.0	37.16	2.91	38.91	2.97	40.66	3.02	41.54	3.05	44.16	3.13	45.92	3.19
	86.0	35.39	3.09	37.14	3.15	38.89	3.20	39.77	3.23	42.40	3.31	44.15	3.37
	89.6	34.68	3.17	36.44	3.22	38.19	3.28	39.06	3.30	41.69	3.39	43.44	3.44
	95.0	33.62	3.29	35.37	3.34	37.12	3.40	38.00	3.42	40.63	3.51	42.38	3.56
	104.0	28.23	2.56	29.41	2.56	30.58	2.56	31.15	2.56	32.82	2.56	33.91	2.56
	109.4	21.77	1.77	22.59	1.77	23.39	1.77	23.78	1.77	24.93	1.77	25.68	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.48	0.98	15.12	0.98	15.54	0.98
FTXS12L + FTXS12L + CDXS24L	68.0	37.60	2.87	39.29	2.92	40.98	2.98	41.83	3.01	44.36	3.10	46.05	3.15
	77.0	35.89	3.04	37.58	3.10	39.27	3.15	40.12	3.18	42.65	3.27	44.34	3.32
	86.0	34.18	3.23	35.87	3.28	37.56	3.34	38.41	3.37	40.95	3.46	42.64	3.51
	89.6	33.50	3.31	35.19	3.36	36.88	3.42	37.73	3.45	40.26	3.54	41.95	3.59
	95.0	32.47	3.43	34.16	3.49	35.85	3.55	36.70	3.57	39.24	3.66	40.93	3.72
	104.0	27.28	2.56	28.42	2.56	29.53	2.56	30.07	2.56	31.67	2.56	32.71	2.56
	109.4	21.22	1.77	22.00	1.77	22.76	1.77	23.14	1.77	24.24	1.77	24.96	1.77
	114.8	13.13	0.98	13.56	0.98	13.98	0.98	14.19	0.98	14.79	0.98	15.19	0.98
FTXS12L + FDXS12L + FTXS24L	68.0	37.60	2.72	39.29	2.78	40.98	2.83	41.83	2.86	44.36	2.94	46.05	2.99
	77.0	35.89	2.89	37.58	2.94	39.27	2.99	40.12	3.02	42.65	3.10	44.34	3.16
	86.0	34.18	3.06	35.87	3.12	37.56	3.17	38.41	3.20	40.95	3.28	42.64	3.34
	89.6	33.50	3.14	35.19	3.19	36.88	3.25	37.73	3.28	40.26	3.36	41.95	3.41
	95.0	32.47	3.26	34.16	3.31	35.85	3.37	36.70	3.39	39.24	3.47	40.93	3.53
	104.0	27.47	2.56	28.63	2.56	29.77	2.56	30.33	2.56	31.97	2.56	33.03	2.56
	109.4	21.27	1.77	22.07	1.77	22.85	1.77	23.23	1.77	24.36	1.77	25.10	1.77
	114.8	13.11	0.98	13.55	0.98	13.98	0.98	14.19	0.98	14.82	0.98	15.22	0.98
FTXS12L + FDXS12L + CDXS24L	68.0	36.17	2.73	37.79	2.78	39.42	2.84	40.23	2.87	42.67	2.95	44.30	3.00
	77.0	34.52	2.89	36.15	2.95	37.77	3.00	38.59	3.03	41.03	3.11	42.65	3.17
	86.0	32.88	3.07	34.50	3.13	36.13	3.18	36.94	3.21	39.38	3.29	41.01	3.35
	89.6	32.22	3.15	33.85	3.20	35.47	3.26	36.29	3.29	38.73	3.37	40.35	3.42
	95.0	31.23	3.27	32.86	3.32	34.49	3.38	35.30	3.40	37.74	3.49	39.37	3.54
	104.0	26.59	2.56	27.72	2.56	28.82	2.56	29.36	2.56	30.95	2.56	31.99	2.56
	109.4	20.71	1.77	21.48	1.77	22.24	1.77	22.61	1.77	23.71	1.77	24.42	1.77
	114.8	12.82	0.98	13.25	0.98	13.67	0.98	13.87	0.98	14.48	0.98	14.87	0.98
FDXS12L + FDXS12L + FTXS24L	68.0	36.17	2.76	37.79	2.82	39.42	2.87	40.23	2.90	42.67	2.98	44.30	3.04
	77.0	34.52	2.93	36.15	2.98	37.77	3.04	38.59	3.07	41.03	3.15	42.65	3.20
	86.0	32.88	3.11	34.50	3.16	36.13	3.22	36.94	3.25	39.38	3.33	41.01	3.39
	89.6	32.22	3.19	33.85	3.24	35.47	3.30	36.29	3.32	38.73	3.41	40.35	3.46
	95.0	31.23	3.31	32.86	3.36	34.49	3.42	35.30	3.44	37.74	3.53	39.37	3.58
	104.0	26.55	2.56	27.67	2.56	28.77	2.56	29.31	2.56	30.89	2.56	31.92	2.56
	109.4	20.70	1.77	21.47	1.77	22.22	1.77	22.59	1.77	23.68	1.77	24.39	1.77
	114.8	12.83	0.98	13.25	0.98	13.67	0.98	13.87	0.98	14.47	0.98	14.87	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS12L + FDXS12L + CDXS24L	68.0	34.83	2.76	36.40	2.82	37.97	2.87	38.75	2.90	41.10	2.98	42.67	3.04
	77.0	33.25	2.93	34.82	2.98	36.38	3.04	37.17	3.07	39.52	3.15	41.08	3.20
	86.0	31.67	3.11	33.23	3.16	34.80	3.22	35.58	3.25	37.93	3.33	39.50	3.39
	89.6	31.03	3.19	32.60	3.24	34.17	3.30	34.95	3.32	37.30	3.41	38.87	3.46
	95.0	30.08	3.31	31.65	3.36	33.22	3.42	34.00	3.44	36.35	3.53	37.92	3.58
	104.0	25.76	2.56	26.85	2.56	27.91	2.56	28.44	2.56	29.98	2.56	30.98	2.56
	109.4	20.19	1.77	20.94	1.77	21.67	1.77	22.03	1.77	23.09	1.77	23.78	1.77
	114.8	12.56	0.98	12.98	0.98	13.38	0.98	13.58	0.98	14.17	0.98	14.55	0.98
FTXS12L + FTXS15L + FTXS15L	68.0	38.93	2.73	40.68	2.78	42.43	2.84	43.31	2.87	45.93	2.95	47.68	3.00
	77.0	37.16	2.89	38.91	2.95	40.66	3.00	41.54	3.03	44.16	3.11	45.92	3.17
	86.0	35.39	3.07	37.14	3.13	38.89	3.18	39.77	3.21	42.40	3.29	44.15	3.35
	89.6	34.68	3.15	36.44	3.20	38.19	3.26	39.06	3.29	41.69	3.37	43.44	3.42
	95.0	33.62	3.27	35.37	3.32	37.12	3.38	38.00	3.40	40.63	3.49	42.38	3.54
	104.0	28.26	2.56	29.45	2.56	30.61	2.56	31.19	2.56	32.87	2.56	33.96	2.56
	109.4	21.78	1.77	22.60	1.77	23.40	1.77	23.80	1.77	24.95	1.77	25.71	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.13	0.98	15.54	0.98
FTXS12L + FTXS15L + CDXS15L	68.0	37.39	2.77	39.08	2.83	40.76	2.88	41.60	2.91	44.12	2.99	45.80	3.05
	77.0	35.70	2.94	37.38	2.99	39.06	3.05	39.90	3.08	42.42	3.16	44.10	3.21
	86.0	34.00	3.12	35.68	3.17	37.36	3.23	38.20	3.26	40.72	3.34	42.40	3.39
	89.6	33.32	3.20	35.00	3.25	36.68	3.31	37.52	3.33	40.04	3.42	41.72	3.47
	95.0	32.30	3.32	33.98	3.37	35.66	3.43	36.50	3.45	39.02	3.54	40.70	3.59
	104.0	27.27	2.56	28.42	2.56	29.54	2.56	30.09	2.56	31.71	2.56	32.76	2.56
	109.4	21.17	1.77	21.96	1.77	22.73	1.77	23.11	1.77	24.22	1.77	24.95	1.77
	114.8	13.07	0.98	13.51	0.98	13.93	0.98	14.14	0.98	14.76	0.98	15.16	0.98
FTXS12L + CDXS15L + CDXS15L	68.0	35.86	2.75	37.47	2.80	39.08	2.86	39.89	2.88	42.31	2.97	43.92	3.02
	77.0	34.23	2.91	35.84	2.97	37.45	3.02	38.26	3.05	40.68	3.13	42.29	3.19
	86.0	32.60	3.09	34.21	3.15	35.82	3.20	36.63	3.23	39.05	3.31	40.66	3.37
	89.6	31.95	3.17	33.56	3.22	35.17	3.28	35.98	3.30	38.40	3.39	40.01	3.44
	95.0	30.97	3.29	32.58	3.34	34.19	3.40	35.00	3.42	37.42	3.51	39.03	3.56
	104.0	26.38	2.56	27.50	2.56	28.60	2.56	29.13	2.56	30.71	2.56	31.73	2.56
	109.4	20.58	1.77	21.35	1.77	22.10	1.77	22.47	1.77	23.56	1.77	24.26	1.77
	114.8	12.76	0.98	13.19	0.98	13.60	0.98	13.81	0.98	14.41	0.98	14.80	0.98
FDXS12L + FTXS15L + FTXS15L	68.0	37.39	2.77	39.08	2.83	40.76	2.88	41.60	2.91	44.12	2.99	45.80	3.05
	77.0	35.70	2.94	37.38	2.99	39.06	3.05	39.90	3.08	42.42	3.16	44.10	3.21
	86.0	34.00	3.12	35.68	3.17	37.36	3.23	38.20	3.26	40.72	3.34	42.40	3.39
	89.6	33.32	3.20	35.00	3.25	36.68	3.31	37.52	3.33	40.04	3.42	41.72	3.47
	95.0	32.30	3.32	33.98	3.37	35.66	3.43	36.50	3.45	39.02	3.54	40.70	3.59
	104.0	27.27	2.56	28.42	2.56	29.54	2.56	30.09	2.56	31.71	2.56	32.76	2.56
	109.4	21.17	1.77	21.96	1.77	22.73	1.77	23.11	1.77	24.22	1.77	24.95	1.77
	114.8	13.07	0.98	13.51	0.98	13.93	0.98	14.14	0.98	14.76	0.98	15.16	0.98
FDXS12L + FTXS15L + CDXS15L	68.0	35.86	2.75	37.47	2.80	39.08	2.86	39.89	2.88	42.31	2.97	43.92	3.02
	77.0	34.23	2.91	35.84	2.97	37.45	3.02	38.26	3.05	40.68	3.13	42.29	3.19
	86.0	32.60	3.09	34.21	3.15	35.82	3.20	36.63	3.23	39.05	3.31	40.66	3.37
	89.6	31.95	3.17	33.56	3.22	35.17	3.28	35.98	3.30	38.40	3.39	40.01	3.44
	95.0	30.97	3.29	32.58	3.34	34.19	3.40	35.00	3.42	37.42	3.51	39.03	3.56
	104.0	26.38	2.56	27.50	2.56	28.60	2.56	29.13	2.56	30.71	2.56	31.73	2.56
	109.4	20.58	1.77	21.35	1.77	22.10	1.77	22.47	1.77	23.56	1.77	24.26	1.77
	114.8	12.76	0.98	13.19	0.98	13.60	0.98	13.81	0.98	14.41	0.98	14.80	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS12L + CDXS15L + CDXS15L	68.0	34.32	2.72	35.86	2.78	37.41	2.83	38.18	2.86	40.49	2.94	42.04	2.99
	77.0	32.76	2.89	34.30	2.94	35.85	2.99	36.62	3.02	38.93	3.10	40.48	3.16
	86.0	31.20	3.06	32.74	3.12	34.29	3.17	35.06	3.20	37.37	3.28	38.92	3.34
	89.6	30.58	3.14	32.12	3.19	33.66	3.25	34.44	3.28	36.75	3.36	38.29	3.41
	95.0	29.64	3.26	31.18	3.31	32.73	3.37	33.50	3.39	35.82	3.47	37.36	3.53
	104.0	25.49	2.56	26.57	2.56	27.63	2.56	28.16	2.56	29.69	2.56	30.69	2.56
	109.4	19.99	1.77	20.74	1.77	21.47	1.77	21.83	1.77	22.88	1.77	23.57	1.77
	114.8	12.45	0.98	12.86	0.98	13.27	0.98	13.46	0.98	14.05	0.98	14.43	0.98
FTXS12L + FTXS15L + FTXS18L	68.0	38.93	2.73	40.68	2.78	42.43	2.84	43.31	2.87	45.93	2.95	47.68	3.00
	77.0	37.16	2.89	38.91	2.95	40.66	3.00	41.54	3.03	44.16	3.11	45.92	3.17
	86.0	35.39	3.07	37.14	3.13	38.89	3.18	39.77	3.21	42.40	3.29	44.15	3.35
	89.6	34.68	3.15	36.44	3.20	38.19	3.26	39.06	3.29	41.69	3.37	43.44	3.42
	95.0	33.62	3.27	35.37	3.32	37.12	3.38	38.00	3.40	40.63	3.49	42.38	3.54
	104.0	28.26	2.56	29.45	2.56	30.61	2.56	31.19	2.56	32.87	2.56	33.96	2.56
	109.4	21.78	1.77	22.60	1.77	23.40	1.77	23.80	1.77	24.95	1.77	25.71	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.13	0.98	15.54	0.98
FTXS12L + FTXS15L + CDXS18L	68.0	37.50	2.75	39.18	2.81	40.87	2.86	41.71	2.89	44.24	2.97	45.93	3.03
	77.0	35.79	2.92	37.48	2.97	39.17	3.03	40.01	3.06	42.54	3.14	44.22	3.19
	86.0	34.09	3.10	35.77	3.16	37.46	3.21	38.30	3.24	40.83	3.32	42.52	3.38
	89.6	33.41	3.18	35.09	3.23	36.78	3.29	37.62	3.31	40.15	3.40	41.84	3.45
	95.0	32.38	3.30	34.07	3.35	35.76	3.41	36.60	3.43	39.13	3.52	40.82	3.57
	104.0	27.35	2.56	28.51	2.56	29.64	2.56	30.19	2.56	31.82	2.56	32.87	2.56
	109.4	21.21	1.77	22.00	1.77	22.78	1.77	23.16	1.77	24.28	1.77	25.01	1.77
	114.8	13.09	0.98	13.53	0.98	13.96	0.98	14.17	0.98	14.79	0.98	15.19	0.98
FTXS12L + CDXS15L + FTXS18L	68.0	37.50	2.77	39.18	2.83	40.87	2.88	41.71	2.91	44.24	2.99	45.93	3.05
	77.0	35.79	2.94	37.48	2.99	39.17	3.05	40.01	3.08	42.54	3.16	44.22	3.21
	86.0	34.09	3.12	35.77	3.17	37.46	3.23	38.30	3.26	40.83	3.34	42.52	3.39
	89.6	33.41	3.20	35.09	3.25	36.78	3.31	37.62	3.33	40.15	3.42	41.84	3.47
	95.0	32.38	3.32	34.07	3.37	35.76	3.43	36.60	3.45	39.13	3.54	40.82	3.59
	104.0	27.33	2.56	28.48	2.56	29.61	2.56	30.16	2.56	31.78	2.56	32.84	2.56
	109.4	21.20	1.77	22.00	1.77	22.77	1.77	23.15	1.77	24.27	1.77	24.99	1.77
	114.8	13.09	0.98	13.53	0.98	13.95	0.98	14.16	0.98	14.78	0.98	15.18	0.98
FTXS12L + CDXS15L + CDXS18L	68.0	36.06	2.73	37.68	2.78	39.31	2.84	40.12	2.87	42.55	2.95	44.17	3.00
	77.0	34.42	2.89	36.05	2.95	37.67	3.00	38.48	3.03	40.91	3.11	42.53	3.17
	86.0	32.78	3.07	34.41	3.13	36.03	3.18	36.84	3.21	39.27	3.29	40.89	3.35
	89.6	32.13	3.15	33.75	3.20	35.37	3.26	36.18	3.29	38.62	3.37	40.24	3.42
	95.0	31.15	3.27	32.77	3.32	34.39	3.38	35.20	3.40	37.63	3.49	39.25	3.54
	104.0	26.53	2.56	27.65	2.56	28.75	2.56	29.29	2.56	30.88	2.56	31.91	2.56
	109.4	20.67	1.77	21.44	1.77	22.20	1.77	22.57	1.77	23.66	1.77	24.37	1.77
	114.8	12.80	0.98	13.23	0.98	13.65	0.98	13.85	0.98	14.46	0.98	14.85	0.98
FDXS12L + FTXS15L + FTXS18L	68.0	37.50	2.77	39.18	2.83	40.87	2.88	41.71	2.91	44.24	2.99	45.93	3.05
	77.0	35.79	2.94	37.48	2.99	39.17	3.05	40.01	3.08	42.54	3.16	44.22	3.21
	86.0	34.09	3.12	35.77	3.17	37.46	3.23	38.30	3.26	40.83	3.34	42.52	3.39
	89.6	33.41	3.20	35.09	3.25	36.78	3.31	37.62	3.33	40.15	3.42	41.84	3.47
	95.0	32.38	3.32	34.07	3.37	35.76	3.43	36.60	3.45	39.13	3.54	40.82	3.59
	104.0	27.33	2.56	28.48	2.56	29.61	2.56	30.16	2.56	31.78	2.56	32.84	2.56
	109.4	21.20	1.77	22.00	1.77	22.77	1.77	23.15	1.77	24.27	1.77	24.99	1.77
	114.8	13.09	0.98	13.53	0.98	13.95	0.98	14.16	0.98	14.78	0.98	15.18	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS12L + FTXS15L + CDXS18L	68.0	36.06	2.74	37.68	2.79	39.31	2.85	40.12	2.87	42.55	2.96	44.17	3.01
	77.0	34.42	2.90	36.05	2.96	37.67	3.01	38.48	3.04	40.91	3.12	42.53	3.18
	86.0	32.78	3.08	34.41	3.14	36.03	3.19	36.84	3.22	39.27	3.30	40.89	3.36
	89.6	32.13	3.16	33.75	3.21	35.37	3.27	36.18	3.30	38.62	3.38	40.24	3.43
	95.0	31.15	3.28	32.77	3.33	34.39	3.39	35.20	3.41	37.63	3.50	39.25	3.55
	104.0	26.52	2.56	27.64	2.56	28.74	2.56	29.28	2.56	30.87	2.56	31.90	2.56
	109.4	20.66	1.77	21.44	1.77	22.19	1.77	22.56	1.77	23.66	1.77	24.37	1.77
	114.8	12.80	0.98	13.23	0.98	13.65	0.98	13.85	0.98	14.45	0.98	14.85	0.98
FDXS12L + CDXS15L + FTXS18L	68.0	36.06	2.75	37.68	2.80	39.31	2.86	40.12	2.88	42.55	2.97	44.17	3.02
	77.0	34.42	2.91	36.05	2.97	37.67	3.02	38.48	3.05	40.91	3.13	42.53	3.19
	86.0	32.78	3.09	34.41	3.15	36.03	3.20	36.84	3.23	39.27	3.31	40.89	3.37
	89.6	32.13	3.17	33.75	3.22	35.37	3.28	36.18	3.30	38.62	3.39	40.24	3.44
	95.0	31.15	3.29	32.77	3.34	34.39	3.40	35.20	3.42	37.63	3.51	39.25	3.56
	104.0	26.51	2.56	27.63	2.56	28.73	2.56	29.27	2.56	30.85	2.56	31.88	2.56
	109.4	20.66	1.77	21.43	1.77	22.19	1.77	22.56	1.77	23.65	1.77	24.36	1.77
	114.8	12.80	0.98	13.23	0.98	13.65	0.98	13.85	0.98	14.45	0.98	14.84	0.98
FDXS12L + CDXS15L + CDXS18L	68.0	34.63	2.77	36.19	2.83	37.74	2.88	38.52	2.91	40.86	2.99	42.41	3.05
	77.0	33.05	2.94	34.61	2.99	36.17	3.05	36.95	3.08	39.28	3.16	40.84	3.21
	86.0	31.48	3.12	33.04	3.17	34.60	3.23	35.37	3.26	37.71	3.34	39.27	3.39
	89.6	30.85	3.20	32.41	3.25	33.97	3.31	34.74	3.33	37.08	3.42	38.64	3.47
	95.0	29.91	3.32	31.46	3.37	33.02	3.43	33.80	3.45	36.14	3.54	37.69	3.59
	104.0	25.63	2.56	26.71	2.56	27.77	2.56	28.30	2.56	29.83	2.56	30.82	2.56
	109.4	20.11	1.77	20.85	1.77	21.58	1.77	21.94	1.77	23.00	1.77	23.68	1.77
	114.8	12.52	0.98	12.94	0.98	13.34	0.98	13.54	0.98	14.12	0.98	14.50	0.98
FTXS12L + FTXS18L + FTXS18L	68.0	38.93	2.73	40.68	2.78	42.43	2.84	43.31	2.87	45.93	2.95	47.68	3.00
	77.0	37.16	2.89	38.91	2.95	40.66	3.00	41.54	3.03	44.16	3.11	45.92	3.17
	86.0	35.39	3.07	37.14	3.13	38.89	3.18	39.77	3.21	42.40	3.29	44.15	3.35
	89.6	34.68	3.15	36.44	3.20	38.19	3.26	39.06	3.29	41.69	3.37	43.44	3.42
	95.0	33.62	3.27	35.37	3.32	37.12	3.38	38.00	3.40	40.63	3.49	42.38	3.54
	104.0	28.26	2.56	29.45	2.56	30.61	2.56	31.19	2.56	32.87	2.56	33.96	2.56
	109.4	21.78	1.77	22.60	1.77	23.40	1.77	23.80	1.77	24.95	1.77	25.71	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.13	0.98	15.54	0.98
FTXS12L + FTXS18L + CDXS18L	68.0	37.60	2.76	39.29	2.82	40.98	2.87	41.83	2.90	44.36	2.98	46.05	3.04
	77.0	35.89	2.93	37.58	2.98	39.27	3.04	40.12	3.07	42.65	3.15	44.34	3.20
	86.0	34.18	3.11	35.87	3.16	37.56	3.22	38.41	3.25	40.95	3.33	42.64	3.39
	89.6	33.50	3.19	35.19	3.24	36.88	3.30	37.73	3.32	40.26	3.41	41.95	3.46
	95.0	32.47	3.31	34.16	3.36	35.85	3.42	36.70	3.44	39.24	3.53	40.93	3.58
	104.0	27.40	2.56	28.56	2.56	29.69	2.56	30.24	2.56	31.87	2.56	32.93	2.56
	109.4	21.25	1.77	22.04	1.77	22.82	1.77	23.20	1.77	24.32	1.77	25.05	1.77
	114.8	13.11	0.98	13.55	0.98	13.98	0.98	14.19	0.98	14.81	0.98	15.21	0.98
FTXS12L + CDXS18L + CDXS18L	68.0	36.17	2.72	37.79	2.78	39.42	2.83	40.23	2.86	42.67	2.94	44.30	2.99
	77.0	34.52	2.89	36.15	2.94	37.77	2.99	38.59	3.02	41.03	3.10	42.65	3.16
	86.0	32.88	3.06	34.50	3.12	36.13	3.17	36.94	3.20	39.38	3.28	41.01	3.34
	89.6	32.22	3.14	33.85	3.19	35.47	3.25	36.29	3.28	38.73	3.36	40.35	3.41
	95.0	31.23	3.26	32.86	3.31	34.49	3.37	35.30	3.39	37.74	3.47	39.37	3.53
	104.0	26.60	2.56	27.73	2.56	28.83	2.56	29.38	2.56	30.97	2.56	32.00	2.56
	109.4	20.71	1.77	21.49	1.77	22.25	1.77	22.62	1.77	23.72	1.77	24.43	1.77
	114.8	12.82	0.98	13.25	0.98	13.67	0.98	13.87	0.98	14.48	0.98	14.87	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS12L + FTXS18L + FTXS18L	68.0	37.60	2.71	39.29	2.77	40.98	2.82	41.83	2.85	44.36	2.93	46.05	2.98
	77.0	35.89	2.88	37.58	2.93	39.27	2.99	40.12	3.01	42.65	3.09	44.34	3.15
	86.0	34.18	3.06	35.87	3.11	37.56	3.16	38.41	3.19	40.95	3.27	42.64	3.33
	89.6	33.50	3.13	35.19	3.19	36.88	3.24	37.73	3.27	40.26	3.35	41.95	3.40
	95.0	32.47	3.25	34.16	3.30	35.85	3.36	36.70	3.38	39.24	3.46	40.93	3.52
	104.0	27.48	2.56	28.65	2.56	29.78	2.56	30.34	2.56	31.99	2.56	33.05	2.56
	109.4	21.27	1.77	22.07	1.77	22.86	1.77	23.24	1.77	24.37	1.77	25.11	1.77
	114.8	13.11	0.98	13.55	0.98	13.98	0.98	14.20	0.98	14.82	0.98	15.23	0.98
FDXS12L + FTXS18L + CDXS18L	68.0	36.17	2.74	37.79	2.79	39.42	2.85	40.23	2.87	42.67	2.96	44.30	3.01
	77.0	34.52	2.90	36.15	2.96	37.77	3.01	38.59	3.04	41.03	3.12	42.65	3.18
	86.0	32.88	3.08	34.50	3.14	36.13	3.19	36.94	3.22	39.38	3.30	41.01	3.36
	89.6	32.22	3.16	33.85	3.21	35.47	3.27	36.29	3.30	38.73	3.38	40.35	3.43
	95.0	31.23	3.28	32.86	3.33	34.49	3.39	35.30	3.41	37.74	3.50	39.37	3.55
	104.0	26.58	2.56	27.71	2.56	28.81	2.56	29.35	2.56	30.94	2.56	31.97	2.56
	109.4	20.70	1.77	21.48	1.77	22.24	1.77	22.61	1.77	23.70	1.77	24.41	1.77
	114.8	12.82	0.98	13.25	0.98	13.67	0.98	13.87	0.98	14.48	0.98	14.87	0.98
FDXS12L + CDXS18L + CDXS18L	68.0	34.83	2.75	36.40	2.81	37.97	2.86	38.75	2.89	41.10	2.97	42.67	3.03
	77.0	33.25	2.92	34.82	2.97	36.38	3.03	37.17	3.06	39.52	3.14	41.08	3.19
	86.0	31.67	3.10	33.23	3.16	34.80	3.21	35.58	3.24	37.93	3.32	39.50	3.38
	89.6	31.03	3.18	32.60	3.23	34.17	3.29	34.95	3.31	37.30	3.40	38.87	3.45
	95.0	30.08	3.30	31.65	3.35	33.22	3.41	34.00	3.43	36.35	3.52	37.92	3.57
	104.0	25.76	2.56	26.86	2.56	27.92	2.56	28.45	2.56	29.99	2.56	30.99	2.56
	109.4	20.19	1.77	20.94	1.77	21.67	1.77	22.03	1.77	23.10	1.77	23.79	1.77
	114.8	12.56	0.98	12.97	0.98	13.38	0.98	13.58	0.98	14.17	0.98	14.55	0.98
FTXS15L + FTXS15L + FTXS15L	68.0	38.93	2.76	40.68	2.82	42.43	2.87	43.31	2.90	45.93	2.98	47.68	3.04
	77.0	37.16	2.93	38.91	2.98	40.66	3.04	41.54	3.07	44.16	3.15	45.92	3.20
	86.0	35.39	3.11	37.14	3.16	38.89	3.22	39.77	3.25	42.40	3.33	44.15	3.39
	89.6	34.68	3.19	36.44	3.24	38.19	3.30	39.06	3.32	41.69	3.41	43.44	3.46
	95.0	33.62	3.31	35.37	3.36	37.12	3.42	38.00	3.44	40.63	3.53	42.38	3.58
	104.0	28.20	2.56	29.38	2.56	30.54	2.56	31.11	2.56	32.78	2.56	33.86	2.56
	109.4	21.76	1.77	22.57	1.77	23.37	1.77	23.76	1.77	24.91	1.77	25.66	1.77
	114.8	13.38	0.98	13.83	0.98	14.26	0.98	14.48	0.98	15.12	0.98	15.53	0.98
FTXS15L + FTXS15L + CDXS15L	68.0	37.50	2.75	39.18	2.80	40.87	2.86	41.71	2.88	44.24	2.97	45.93	3.02
	77.0	35.79	2.91	37.48	2.97	39.17	3.02	40.01	3.05	42.54	3.13	44.22	3.19
	86.0	34.09	3.09	35.77	3.15	37.46	3.20	38.30	3.23	40.83	3.31	42.52	3.37
	89.6	33.41	3.17	35.09	3.22	36.78	3.28	37.62	3.30	40.15	3.39	41.84	3.44
	95.0	32.38	3.29	34.07	3.34	35.76	3.40	36.60	3.42	39.13	3.51	40.82	3.56
	104.0	27.37	2.56	28.52	2.56	29.65	2.56	30.21	2.56	31.84	2.56	32.89	2.56
	109.4	21.22	1.77	22.01	1.77	22.79	1.77	23.17	1.77	24.29	1.77	25.02	1.77
	114.8	13.09	0.98	13.53	0.98	13.96	0.98	14.17	0.98	14.79	0.98	15.19	0.98
FTXS15L + CDXS15L + CDXS15L	68.0	36.06	2.73	37.68	2.78	39.31	2.84	40.12	2.87	42.55	2.95	44.17	3.00
	77.0	34.42	2.89	36.05	2.95	37.67	3.00	38.48	3.03	40.91	3.11	42.53	3.17
	86.0	32.78	3.07	34.41	3.13	36.03	3.18	36.84	3.21	39.27	3.29	40.89	3.35
	89.6	32.13	3.15	33.75	3.20	35.37	3.26	36.18	3.29	38.62	3.37	40.24	3.42
	95.0	31.15	3.27	32.77	3.32	34.39	3.38	35.20	3.40	37.63	3.49	39.25	3.54
	104.0	26.53	2.56	27.65	2.56	28.75	2.56	29.29	2.56	30.88	2.56	31.91	2.56
	109.4	20.67	1.77	21.44	1.77	22.20	1.77	22.57	1.77	23.66	1.77	24.37	1.77
	114.8	12.80	0.98	13.23	0.98	13.65	0.98	13.85	0.98	14.46	0.98	14.85	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CDXS15L + CDXS15L + CDXS15L	68.0	34.63	2.77	36.19	2.83	37.74	2.88	38.52	2.91	40.86	2.99	42.41	3.05
	77.0	33.05	2.94	34.61	2.99	36.17	3.05	36.95	3.08	39.28	3.16	40.84	3.21
	86.0	31.48	3.12	33.04	3.17	34.60	3.23	35.37	3.26	37.71	3.34	39.27	3.39
	89.6	30.85	3.20	32.41	3.25	33.97	3.31	34.74	3.33	37.08	3.42	38.64	3.47
	95.0	29.91	3.32	31.46	3.37	33.02	3.43	33.80	3.45	36.14	3.54	37.69	3.59
	104.0	25.63	2.56	26.71	2.56	27.77	2.56	28.30	2.56	29.83	2.56	30.82	2.56
	109.4	20.11	1.77	20.85	1.77	21.58	1.77	21.94	1.77	23.00	1.77	23.68	1.77
	114.8	12.52	0.98	12.94	0.98	13.34	0.98	13.54	0.98	14.12	0.98	14.50	0.98
FTXS15L + FTXS15L + FTXS18L	68.0	38.93	2.76	40.68	2.82	42.43	2.87	43.31	2.90	45.93	2.98	47.68	3.04
	77.0	37.16	2.93	38.91	2.98	40.66	3.04	41.54	3.07	44.16	3.15	45.92	3.20
	86.0	35.39	3.11	37.14	3.16	38.89	3.22	39.77	3.25	42.40	3.33	44.15	3.39
	89.6	34.68	3.19	36.44	3.24	38.19	3.30	39.06	3.32	41.69	3.41	43.44	3.46
	95.0	33.62	3.31	35.37	3.36	37.12	3.42	38.00	3.44	40.63	3.53	42.38	3.58
	104.0	28.20	2.56	29.38	2.56	30.54	2.56	31.11	2.56	32.78	2.56	33.86	2.56
	109.4	21.76	1.77	22.57	1.77	23.37	1.77	23.76	1.77	24.91	1.77	25.66	1.77
	114.8	13.38	0.98	13.83	0.98	14.26	0.98	14.48	0.98	15.12	0.98	15.53	0.98
FTXS15L + FTXS15L + CDXS18L	68.0	37.60	2.74	39.29	2.79	40.98	2.85	41.83	2.87	44.36	2.96	46.05	3.01
	77.0	35.89	2.90	37.58	2.96	39.27	3.01	40.12	3.04	42.65	3.12	44.34	3.18
	86.0	34.18	3.08	35.87	3.14	37.56	3.19	38.41	3.22	40.95	3.30	42.64	3.36
	89.6	33.50	3.16	35.19	3.21	36.88	3.27	37.73	3.30	40.26	3.38	41.95	3.43
	95.0	32.47	3.28	34.16	3.33	35.85	3.39	36.70	3.41	39.24	3.50	40.93	3.55
	104.0	27.44	2.56	28.60	2.56	29.73	2.56	30.29	2.56	31.93	2.56	32.99	2.56
	109.4	21.26	1.77	22.06	1.77	22.84	1.77	23.22	1.77	24.35	1.77	25.08	1.77
	114.8	13.11	0.98	13.55	0.98	13.98	0.98	14.19	0.98	14.81	0.98	15.22	0.98
FTXS15L + CDXS15L + CDXS18L	68.0	37.60	2.75	39.29	2.80	40.98	2.86	41.83	2.88	44.36	2.97	46.05	3.02
	77.0	35.89	2.91	37.58	2.97	39.27	3.02	40.12	3.05	42.65	3.13	44.34	3.19
	86.0	34.18	3.09	35.87	3.15	37.56	3.20	38.41	3.23	40.95	3.31	42.64	3.37
	89.6	33.50	3.17	35.19	3.22	36.88	3.28	37.73	3.30	40.26	3.39	41.95	3.44
	95.0	32.47	3.29	34.16	3.34	35.85	3.40	36.70	3.42	39.24	3.51	40.93	3.56
	104.0	27.43	2.56	28.59	2.56	29.72	2.56	30.27	2.56	31.91	2.56	32.97	2.56
	109.4	21.25	1.77	22.05	1.77	22.83	1.77	23.21	1.77	24.34	1.77	25.07	1.77
	114.8	13.11	0.98	13.55	0.98	13.98	0.98	14.19	0.98	14.81	0.98	15.21	0.98
CDXS15L + FTXS15L + FTXS18L	68.0	36.17	2.78	37.79	2.83	39.42	2.89	40.23	2.92	42.67	3.00	44.30	3.06
	77.0	34.52	2.95	36.15	3.00	37.77	3.06	38.59	3.08	41.03	3.17	42.65	3.22
	86.0	32.88	3.13	34.50	3.18	36.13	3.24	36.94	3.27	39.38	3.35	41.01	3.40
	89.6	32.22	3.21	33.85	3.26	35.47	3.32	36.29	3.34	38.73	3.43	40.35	3.48
	95.0	31.23	3.33	32.86	3.38	34.49	3.44	35.30	3.46	37.74	3.55	39.37	3.60
	104.0	26.53	2.56	27.65	2.56	28.74	2.56	29.28	2.56	30.86	2.56	31.89	2.56
	109.4	20.69	1.77	21.46	1.77	22.21	1.77	22.58	1.77	23.67	1.77	24.38	1.77
	114.8	12.83	0.98	13.25	0.98	13.67	0.98	13.87	0.98	14.47	0.98	14.86	0.98
CDXS15L + FTXS15L + CDXS18L	68.0	36.17	2.73	37.79	2.78	39.42	2.84	40.23	2.87	42.67	2.95	44.30	3.00
	77.0	34.52	2.89	36.15	2.95	37.77	3.00	38.59	3.03	41.03	3.11	42.65	3.17
	86.0	32.88	3.07	34.50	3.13	36.13	3.18	36.94	3.21	39.38	3.29	41.01	3.35
	89.6	32.22	3.15	33.85	3.20	35.47	3.26	36.29	3.29	38.73	3.37	40.35	3.42
	95.0	31.23	3.27	32.86	3.32	34.49	3.38	35.30	3.40	37.74	3.49	39.37	3.54
	104.0	26.59	2.56	27.72	2.56	28.82	2.56	29.36	2.56	30.95	2.56	31.99	2.56
	109.4	20.71	1.77	21.48	1.77	22.24	1.77	22.61	1.77	23.71	1.77	24.42	1.77
	114.8	12.82	0.98	13.25	0.98	13.67	0.98	13.87	0.98	14.48	0.98	14.87	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CDXS15L + CDXS15L + CDXS18L	68.0	34.83	2.75	36.40	2.81	37.97	2.86	38.75	2.89	41.10	2.97	42.67	3.03
	77.0	33.25	2.92	34.82	2.97	36.38	3.03	37.17	3.06	39.52	3.14	41.08	3.19
	86.0	31.67	3.10	33.23	3.16	34.80	3.21	35.58	3.24	37.93	3.32	39.50	3.38
	89.6	31.03	3.18	32.60	3.23	34.17	3.29	34.95	3.31	37.30	3.40	38.87	3.45
	95.0	30.08	3.30	31.65	3.35	33.22	3.41	34.00	3.43	36.35	3.52	37.92	3.57
	104.0	25.76	2.56	26.86	2.56	27.92	2.56	28.45	2.56	29.99	2.56	30.99	2.56
	109.4	20.19	1.77	20.94	1.77	21.67	1.77	22.03	1.77	23.10	1.77	23.79	1.77
	114.8	12.56	0.98	12.97	0.98	13.38	0.98	13.58	0.98	14.17	0.98	14.55	0.98
CTXS07L + CTXS07L + CTXS07L + CTXS07L	68.0	32.99	2.24	34.47	2.29	35.96	2.33	36.70	2.35	38.92	2.42	40.41	2.46
	77.0	31.49	2.38	32.97	2.42	34.46	2.46	35.20	2.49	37.42	2.55	38.91	2.60
	86.0	29.99	2.52	31.47	2.57	32.96	2.61	33.70	2.63	35.92	2.70	37.41	2.75
	89.6	29.39	2.58	30.87	2.63	32.36	2.67	33.10	2.70	35.32	2.76	36.81	2.81
	95.0	28.49	2.68	29.97	2.73	31.46	2.77	32.20	2.79	34.43	2.86	35.91	2.90
	104.0	25.76	2.56	26.93	2.56	28.07	2.56	28.63	2.56	30.28	2.56	31.34	2.56
	109.4	19.93	1.77	20.73	1.77	21.52	1.77	21.90	1.77	23.04	1.77	23.77	1.77
	114.8	12.28	0.98	12.72	0.98	13.16	0.98	13.37	0.98	13.99	0.98	14.40	0.98
CTXS07L + CTXS07L + CTXS07L + FTXS09L	68.0	34.42	2.46	35.97	2.51	37.52	2.56	38.29	2.58	40.62	2.65	42.16	2.70
	77.0	32.86	2.61	34.41	2.65	35.96	2.70	36.73	2.73	39.05	2.80	40.60	2.85
	86.0	31.29	2.77	32.84	2.82	34.39	2.86	35.16	2.89	37.49	2.96	39.03	3.01
	89.6	30.67	2.83	32.22	2.88	33.76	2.93	34.54	2.96	36.86	3.03	38.41	3.08
	95.0	29.73	2.94	31.28	2.99	32.83	3.04	33.60	3.06	35.92	3.14	37.47	3.19
	104.0	26.02	2.56	27.17	2.56	28.29	2.56	28.84	2.56	30.46	2.56	31.51	2.56
	109.4	20.21	1.77	21.00	1.77	21.77	1.77	22.15	1.77	23.26	1.77	23.98	1.77
	114.8	12.49	0.98	12.92	0.98	13.35	0.98	13.56	0.98	14.17	0.98	14.57	0.98
CTXS07L + CTXS07L + CTXS07L + FDXS09L	68.0	33.30	2.33	34.79	2.38	36.29	2.42	37.04	2.44	39.29	2.51	40.78	2.56
	77.0	31.78	2.47	33.28	2.52	34.78	2.56	35.53	2.58	37.77	2.65	39.27	2.70
	86.0	30.27	2.62	31.77	2.67	33.26	2.71	34.01	2.74	36.26	2.81	37.76	2.85
	89.6	29.66	2.69	31.16	2.73	32.66	2.78	33.41	2.80	35.65	2.87	37.15	2.92
	95.0	28.76	2.79	30.25	2.83	31.75	2.88	32.50	2.90	34.75	2.97	36.24	3.02
	104.0	25.64	2.56	26.80	2.56	27.92	2.56	28.48	2.56	30.10	2.56	31.15	2.56
	109.4	19.90	1.77	20.69	1.77	21.46	1.77	21.85	1.77	22.96	1.77	23.69	1.77
	114.8	12.29	0.98	12.73	0.98	13.15	0.98	13.36	0.98	13.98	0.98	14.38	0.98
CTXS07L + CTXS07L + CTXS07L + FTXS12L	68.0	36.68	2.74	38.33	2.79	39.98	2.85	40.80	2.87	43.27	2.96	44.92	3.01
	77.0	35.01	2.90	36.66	2.96	38.31	3.01	39.13	3.04	41.61	3.12	43.26	3.18
	86.0	33.34	3.08	34.99	3.14	36.64	3.19	37.47	3.22	39.94	3.30	41.59	3.36
	89.6	32.68	3.16	34.33	3.21	35.98	3.27	36.80	3.30	39.27	3.38	40.92	3.43
	95.0	31.68	3.28	33.33	3.33	34.98	3.39	35.80	3.41	38.27	3.50	39.92	3.55
	104.0	26.89	2.56	28.02	2.56	29.14	2.56	29.68	2.56	31.29	2.56	32.33	2.56
	109.4	20.90	1.77	21.68	1.77	22.45	1.77	22.83	1.77	23.93	1.77	24.65	1.77
	114.8	12.93	0.98	13.36	0.98	13.78	0.98	13.99	0.98	14.60	0.98	14.99	0.98
CTXS07L + CTXS07L + CTXS07L + FDXS12L	68.0	35.45	2.66	37.04	2.71	38.64	2.76	39.43	2.79	41.82	2.87	43.42	2.92
	77.0	33.84	2.82	35.43	2.87	37.03	2.92	37.82	2.95	40.21	3.03	41.81	3.08
	86.0	32.23	2.99	33.82	3.05	35.41	3.10	36.21	3.12	38.60	3.20	40.20	3.26
	89.6	31.58	3.07	33.18	3.12	34.77	3.17	35.57	3.20	37.96	3.28	39.55	3.33
	95.0	30.61	3.18	32.21	3.23	33.80	3.29	34.60	3.31	36.99	3.39	38.59	3.45
	104.0	26.26	2.56	27.38	2.56	28.48	2.56	29.02	2.56	30.61	2.56	31.64	2.56
	109.4	20.46	1.77	21.23	1.77	21.99	1.77	22.36	1.77	23.45	1.77	24.16	1.77
	114.8	12.67	0.98	13.10	0.98	13.52	0.98	13.72	0.98	14.33	0.98	14.72	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CTXS07L + CTXS07L + FTXS15L	68.0	38.93	2.72	40.68	2.78	42.43	2.83	43.31	2.86	45.93	2.94	47.68	2.99
	77.0	37.16	2.89	38.91	2.94	40.66	2.99	41.54	3.02	44.16	3.10	45.92	3.16
	86.0	35.39	3.06	37.14	3.12	38.89	3.17	39.77	3.20	42.40	3.28	44.15	3.34
	89.6	34.68	3.14	36.44	3.19	38.19	3.25	39.06	3.28	41.69	3.36	43.44	3.41
	95.0	33.62	3.26	35.37	3.31	37.12	3.37	38.00	3.39	40.63	3.47	42.38	3.53
	104.0	28.27	2.56	29.47	2.56	30.63	2.56	31.21	2.56	32.89	2.56	33.98	2.56
	109.4	21.79	1.77	22.61	1.77	23.41	1.77	23.81	1.77	24.96	1.77	25.72	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.13	0.98	15.55	0.98
CTXS07L + CTXS07L + CTXS07L + CDXS15L	68.0	37.70	2.76	39.40	2.82	41.09	2.87	41.94	2.90	44.48	2.98	46.18	3.04
	77.0	35.99	2.93	37.68	2.98	39.38	3.04	40.23	3.07	42.77	3.15	44.47	3.20
	86.0	34.27	3.11	35.97	3.16	37.67	3.22	38.51	3.25	41.06	3.33	42.75	3.39
	89.6	33.59	3.19	35.28	3.24	36.98	3.30	37.83	3.32	40.37	3.41	42.07	3.46
	95.0	32.56	3.31	34.26	3.36	35.95	3.42	36.80	3.44	39.34	3.53	41.04	3.58
	104.0	27.46	2.56	28.62	2.56	29.75	2.56	30.31	2.56	31.94	2.56	33.00	2.56
	109.4	21.29	1.77	22.08	1.77	22.86	1.77	23.24	1.77	24.37	1.77	25.10	1.77
	114.8	13.13	0.98	13.57	0.98	14.00	0.98	14.21	0.98	14.83	0.98	15.23	0.98
CTXS07L + CTXS07L + CTXS07L + FTXS18L	68.0	38.93	2.73	40.68	2.78	42.43	2.84	43.31	2.87	45.93	2.95	47.68	3.00
	77.0	37.16	2.89	38.91	2.95	40.66	3.00	41.54	3.03	44.16	3.11	45.92	3.17
	86.0	35.39	3.07	37.14	3.13	38.89	3.18	39.77	3.21	42.40	3.29	44.15	3.35
	89.6	34.68	3.15	36.44	3.20	38.19	3.26	39.06	3.29	41.69	3.37	43.44	3.42
	95.0	33.62	3.27	35.37	3.32	37.12	3.38	38.00	3.40	40.63	3.49	42.38	3.54
	104.0	28.26	2.56	29.45	2.56	30.61	2.56	31.19	2.56	32.87	2.56	33.96	2.56
	109.4	21.78	1.77	22.60	1.77	23.40	1.77	23.80	1.77	24.95	1.77	25.71	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.13	0.98	15.54	0.98
CTXS07L + CTXS07L + CTXS07L + CDXS18L	68.0	37.70	2.75	39.40	2.80	41.09	2.86	41.94	2.88	44.48	2.97	46.18	3.02
	77.0	35.99	2.91	37.68	2.97	39.38	3.02	40.23	3.05	42.77	3.13	44.47	3.19
	86.0	34.27	3.09	35.97	3.15	37.67	3.20	38.51	3.23	41.06	3.31	42.75	3.37
	89.6	33.59	3.17	35.28	3.22	36.98	3.28	37.83	3.30	40.37	3.39	42.07	3.44
	95.0	32.56	3.29	34.26	3.34	35.95	3.40	36.80	3.42	39.34	3.51	41.04	3.56
	104.0	27.49	2.56	28.65	2.56	29.78	2.56	30.34	2.56	31.98	2.56	33.04	2.56
	109.4	21.29	1.77	22.09	1.77	22.87	1.77	23.26	1.77	24.38	1.77	25.12	1.77
	114.8	13.13	0.98	13.57	0.98	14.00	0.98	14.21	0.98	14.83	0.98	15.24	0.98
CTXS07L + CTXS07L + CTXS07L + FTXS24L	68.0	38.93	2.74	40.68	2.79	42.43	2.85	43.31	2.87	45.93	2.96	47.68	3.01
	77.0	37.16	2.90	38.91	2.96	40.66	3.01	41.54	3.04	44.16	3.12	45.92	3.18
	86.0	35.39	3.08	37.14	3.14	38.89	3.19	39.77	3.22	42.40	3.30	44.15	3.36
	89.6	34.68	3.16	36.44	3.21	38.19	3.27	39.06	3.30	41.69	3.38	43.44	3.43
	95.0	33.62	3.28	35.37	3.33	37.12	3.39	38.00	3.41	40.63	3.50	42.38	3.55
	104.0	28.24	2.56	29.43	2.56	30.60	2.56	31.17	2.56	32.84	2.56	33.93	2.56
	109.4	21.77	1.77	22.59	1.77	23.39	1.77	23.79	1.77	24.94	1.77	25.69	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.12	0.98	15.54	0.98
CTXS07L + CTXS07L + CTXS07L + CDXS24L	68.0	37.91	2.75	39.61	2.81	41.32	2.86	42.17	2.89	44.73	2.97	46.43	3.03
	77.0	36.18	2.92	37.89	2.97	39.59	3.03	40.45	3.06	43.00	3.14	44.71	3.19
	86.0	34.46	3.10	36.17	3.16	37.87	3.21	38.72	3.24	41.28	3.32	42.98	3.38
	89.6	33.77	3.18	35.48	3.23	37.18	3.29	38.03	3.31	40.59	3.40	42.30	3.45
	95.0	32.74	3.30	34.44	3.35	36.15	3.41	37.00	3.43	39.56	3.52	41.26	3.57
	104.0	27.60	2.56	28.76	2.56	29.90	2.56	30.46	2.56	32.10	2.56	33.16	2.56
	109.4	21.37	1.77	22.17	1.77	22.95	1.77	23.34	1.77	24.47	1.77	25.20	1.77
	114.8	13.17	0.98	13.61	0.98	14.04	0.98	14.26	0.98	14.88	0.98	15.29	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CTXS07L + FTXS09L + FTXS09L	68.0	35.96	2.63	37.58	2.68	39.19	2.73	40.00	2.76	42.43	2.84	44.05	2.89
	77.0	34.33	2.78	35.94	2.84	37.56	2.89	38.37	2.91	40.79	2.99	42.41	3.05
	86.0	32.69	2.96	34.31	3.01	35.93	3.06	36.73	3.09	39.16	3.17	40.78	3.22
	89.6	32.04	3.03	33.65	3.08	35.27	3.13	36.08	3.16	38.51	3.24	40.12	3.29
	95.0	31.06	3.14	32.67	3.19	34.29	3.25	35.10	3.27	37.53	3.35	39.14	3.40
	104.0	26.63	2.56	27.78	2.56	28.90	2.56	29.45	2.56	31.06	2.56	32.11	2.56
	109.4	20.68	1.77	21.47	1.77	22.24	1.77	22.62	1.77	23.73	1.77	24.45	1.77
	114.8	12.78	0.98	13.21	0.98	13.64	0.98	13.85	0.98	14.46	0.98	14.86	0.98
CTXS07L + CTXS07L + FTXS09L + FDXS09L	68.0	34.73	2.55	36.29	2.60	37.85	2.66	38.64	2.68	40.98	2.76	42.54	2.81
	77.0	33.15	2.71	34.71	2.76	36.28	2.81	37.06	2.83	39.40	2.91	40.96	2.96
	86.0	31.57	2.87	33.14	2.93	34.70	2.98	35.48	3.00	37.82	3.08	39.38	3.13
	89.6	30.94	2.95	32.50	3.00	34.07	3.05	34.85	3.07	37.19	3.15	38.75	3.20
	95.0	30.00	3.06	31.56	3.11	33.12	3.16	33.90	3.18	36.24	3.26	37.80	3.31
	104.0	25.99	2.56	27.13	2.56	28.23	2.56	28.78	2.56	30.37	2.56	31.41	2.56
	109.4	20.24	1.77	21.01	1.77	21.78	1.77	22.15	1.77	23.25	1.77	23.96	1.77
	114.8	12.53	0.98	12.96	0.98	13.38	0.98	13.58	0.98	14.19	0.98	14.58	0.98
CTXS07L + CTXS07L + FDXS09L + FDXS09L	68.0	33.50	2.43	35.01	2.47	36.51	2.52	37.27	2.55	39.53	2.62	41.03	2.67
	77.0	31.98	2.57	33.49	2.62	34.99	2.67	35.75	2.69	38.01	2.76	39.51	2.81
	86.0	30.46	2.73	31.96	2.78	33.47	2.83	34.22	2.85	36.48	2.92	37.99	2.97
	89.6	29.85	2.80	31.35	2.85	32.86	2.89	33.61	2.92	35.87	2.99	37.38	3.04
	95.0	28.93	2.90	30.44	2.95	31.95	3.00	32.70	3.02	34.96	3.10	36.47	3.14
	104.0	25.49	2.56	26.62	2.56	27.73	2.56	28.27	2.56	29.87	2.56	30.90	2.56
	109.4	19.85	1.77	20.63	1.77	21.39	1.77	21.76	1.77	22.86	1.77	23.57	1.77
	114.8	12.29	0.98	12.72	0.98	13.14	0.98	13.35	0.98	13.95	0.98	14.34	0.98
CTXS07L + CTXS07L + FTXS09L + FTXS12L	68.0	38.21	2.75	39.93	2.80	41.65	2.86	42.51	2.88	45.09	2.97	46.81	3.02
	77.0	36.48	2.91	38.20	2.97	39.91	3.02	40.77	3.05	43.35	3.13	45.07	3.19
	86.0	34.74	3.09	36.46	3.15	38.18	3.20	39.04	3.23	41.61	3.31	43.33	3.37
	89.6	34.05	3.17	35.76	3.22	37.48	3.28	38.34	3.30	40.92	3.39	42.64	3.44
	95.0	33.00	3.29	34.72	3.34	36.44	3.40	37.30	3.42	39.88	3.51	41.60	3.56
	104.0	27.80	2.56	28.97	2.56	30.11	2.56	30.68	2.56	32.33	2.56	33.40	2.56
	109.4	21.49	1.77	22.30	1.77	23.09	1.77	23.47	1.77	24.61	1.77	25.35	1.77
	114.8	13.23	0.98	13.68	0.98	14.11	0.98	14.33	0.98	14.95	0.98	15.36	0.98
CTXS07L + CTXS07L + FTXS09L + FDXS12L	68.0	36.98	2.72	38.65	2.78	40.31	2.83	41.14	2.86	43.64	2.94	45.30	2.99
	77.0	35.30	2.89	36.97	2.94	38.63	2.99	39.46	3.02	41.96	3.10	43.62	3.16
	86.0	33.62	3.06	35.29	3.12	36.95	3.17	37.78	3.20	40.28	3.28	41.94	3.34
	89.6	32.95	3.14	34.61	3.19	36.28	3.25	37.11	3.28	39.60	3.36	41.27	3.41
	95.0	31.94	3.26	33.61	3.31	35.27	3.37	36.10	3.39	38.59	3.47	40.26	3.53
	104.0	27.10	2.56	28.24	2.56	29.37	2.56	29.92	2.56	31.54	2.56	32.59	2.56
	109.4	21.03	1.77	21.82	1.77	22.59	1.77	22.97	1.77	24.09	1.77	24.81	1.77
	114.8	12.99	0.98	13.42	0.98	13.85	0.98	14.06	0.98	14.67	0.98	15.07	0.98
CTXS07L + CTXS07L + FDXS09L + FTXS12L	68.0	36.98	2.72	38.65	2.78	40.31	2.83	41.14	2.86	43.64	2.94	45.30	2.99
	77.0	35.30	2.89	36.97	2.94	38.63	2.99	39.46	3.02	41.96	3.10	43.62	3.16
	86.0	33.62	3.06	35.29	3.12	36.95	3.17	37.78	3.20	40.28	3.28	41.94	3.34
	89.6	32.95	3.14	34.61	3.19	36.28	3.25	37.11	3.28	39.60	3.36	41.27	3.41
	95.0	31.94	3.26	33.61	3.31	35.27	3.37	36.10	3.39	38.59	3.47	40.26	3.53
	104.0	27.10	2.56	28.24	2.56	29.37	2.56	29.92	2.56	31.54	2.56	32.59	2.56
	109.4	21.03	1.77	21.82	1.77	22.59	1.77	22.97	1.77	24.09	1.77	24.81	1.77
	114.8	12.99	0.98	13.42	0.98	13.85	0.98	14.06	0.98	14.67	0.98	15.07	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CTXS07L + FDXS09L + FDXS12L	68.0	35.65	2.75	37.26	2.81	38.86	2.86	39.66	2.89	42.07	2.97	43.67	3.03
	77.0	34.03	2.92	35.64	2.97	37.24	3.03	38.04	3.06	40.45	3.14	42.05	3.19
	86.0	32.41	3.10	34.02	3.16	35.62	3.21	36.42	3.24	38.83	3.32	40.43	3.38
	89.6	31.76	3.18	33.37	3.23	34.97	3.29	35.77	3.31	38.18	3.40	39.78	3.45
	95.0	30.79	3.30	32.40	3.35	34.00	3.41	34.80	3.43	37.20	3.52	38.81	3.57
	104.0	26.25	2.56	27.36	2.56	28.45	2.56	28.99	2.56	30.55	2.56	31.57	2.56
	109.4	20.50	1.77	21.27	1.77	22.01	1.77	22.38	1.77	23.46	1.77	24.16	1.77
	114.8	12.72	0.98	13.15	0.98	13.56	0.98	13.76	0.98	14.36	0.98	14.74	0.98
CTXS07L + CTXS07L + FTXS09L + FTXS15L	68.0	38.93	2.73	40.68	2.78	42.43	2.84	43.31	2.87	45.93	2.95	47.68	3.00
	77.0	37.16	2.89	38.91	2.95	40.66	3.00	41.54	3.03	44.16	3.11	45.92	3.17
	86.0	35.39	3.07	37.14	3.13	38.89	3.18	39.77	3.21	42.40	3.29	44.15	3.35
	89.6	34.68	3.15	36.44	3.20	38.19	3.26	39.06	3.29	41.69	3.37	43.44	3.42
	95.0	33.62	3.27	35.37	3.32	37.12	3.38	38.00	3.40	40.63	3.49	42.38	3.54
	104.0	28.26	2.56	29.45	2.56	30.61	2.56	31.19	2.56	32.87	2.56	33.96	2.56
	109.4	21.78	1.77	22.60	1.77	23.40	1.77	23.80	1.77	24.95	1.77	25.71	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.13	0.98	15.54	0.98
CTXS07L + CTXS07L + FTXS09L + CDXS15L	68.0	37.70	2.76	39.40	2.82	41.09	2.87	41.94	2.90	44.48	2.98	46.18	3.04
	77.0	35.99	2.93	37.68	2.98	39.38	3.04	40.23	3.07	42.77	3.15	44.47	3.20
	86.0	34.27	3.11	35.97	3.16	37.67	3.22	38.51	3.25	41.06	3.33	42.75	3.39
	89.6	33.59	3.19	35.28	3.24	36.98	3.30	37.83	3.32	40.37	3.41	42.07	3.46
	95.0	32.56	3.31	34.26	3.36	35.95	3.42	36.80	3.44	39.34	3.53	41.04	3.58
	104.0	27.46	2.56	28.62	2.56	29.75	2.56	30.31	2.56	31.94	2.56	33.00	2.56
	109.4	21.29	1.77	22.08	1.77	22.86	1.77	23.24	1.77	24.37	1.77	25.10	1.77
	114.8	13.13	0.98	13.57	0.98	14.00	0.98	14.21	0.98	14.83	0.98	15.23	0.98
CTXS07L + CTXS07L + FDXS09L + FTXS15L	68.0	37.70	2.71	39.40	2.77	41.09	2.82	41.94	2.85	44.48	2.93	46.18	2.98
	77.0	35.99	2.88	37.68	2.93	39.38	2.99	40.23	3.01	42.77	3.09	44.47	3.15
	86.0	34.27	3.06	35.97	3.11	37.67	3.16	38.51	3.19	41.06	3.27	42.75	3.33
	89.6	33.59	3.13	35.28	3.19	36.98	3.24	37.83	3.27	40.37	3.35	42.07	3.40
	95.0	32.56	3.25	34.26	3.30	35.95	3.36	36.80	3.38	39.34	3.46	41.04	3.52
	104.0	27.54	2.56	28.71	2.56	29.85	2.56	30.41	2.56	32.06	2.56	33.12	2.56
	109.4	21.31	1.77	22.12	1.77	22.90	1.77	23.29	1.77	24.42	1.77	25.16	1.77
	114.8	13.13	0.98	13.57	0.98	14.01	0.98	14.22	0.98	14.84	0.98	15.25	0.98
CTXS07L + CTXS07L + FDXS09L + CDXS15L	68.0	36.47	2.75	38.11	2.80	39.75	2.86	40.57	2.88	43.03	2.97	44.67	3.02
	77.0	34.81	2.91	36.46	2.97	38.10	3.02	38.92	3.05	41.38	3.13	43.02	3.19
	86.0	33.16	3.09	34.80	3.15	36.44	3.20	37.26	3.23	39.72	3.31	41.36	3.37
	89.6	32.49	3.17	34.13	3.22	35.77	3.28	36.59	3.30	39.05	3.39	40.69	3.44
	95.0	31.50	3.29	33.14	3.34	34.78	3.40	35.60	3.42	38.06	3.51	39.70	3.56
	104.0	26.75	2.56	27.88	2.56	28.99	2.56	29.54	2.56	31.13	2.56	32.17	2.56
	109.4	20.82	1.77	21.60	1.77	22.36	1.77	22.73	1.77	23.83	1.77	24.55	1.77
	114.8	12.89	0.98	13.31	0.98	13.73	0.98	13.94	0.98	14.55	0.98	14.94	0.98
CTXS07L + CTXS07L + FTXS09L + FTXS18L	68.0	38.93	2.73	40.68	2.78	42.43	2.84	43.31	2.87	45.93	2.95	47.68	3.00
	77.0	37.16	2.89	38.91	2.95	40.66	3.00	41.54	3.03	44.16	3.11	45.92	3.17
	86.0	35.39	3.07	37.14	3.13	38.89	3.18	39.77	3.21	42.40	3.29	44.15	3.35
	89.6	34.68	3.15	36.44	3.20	38.19	3.26	39.06	3.29	41.69	3.37	43.44	3.42
	95.0	33.62	3.27	35.37	3.32	37.12	3.38	38.00	3.40	40.63	3.49	42.38	3.54
	104.0	28.26	2.56	29.45	2.56	30.61	2.56	31.19	2.56	32.87	2.56	33.96	2.56
	109.4	21.78	1.77	22.60	1.77	23.40	1.77	23.80	1.77	24.95	1.77	25.71	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.13	0.98	15.54	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CTXS07L + FTXS09L + CDXS18L	68.0	37.80	2.75	39.50	2.81	41.20	2.86	42.05	2.89	44.60	2.97	46.30	3.03
	77.0	36.09	2.92	37.79	2.97	39.49	3.03	40.34	3.06	42.89	3.14	44.59	3.19
	86.0	34.37	3.10	36.07	3.16	37.77	3.21	38.62	3.24	41.17	3.32	42.87	3.38
	89.6	33.68	3.18	35.38	3.23	37.08	3.29	37.93	3.31	40.48	3.40	42.18	3.45
	95.0	32.65	3.30	34.35	3.35	36.05	3.41	36.90	3.43	39.45	3.52	41.15	3.57
	104.0	27.54	2.56	28.70	2.56	29.83	2.56	30.39	2.56	32.03	2.56	33.09	2.56
	109.4	21.33	1.77	22.13	1.77	22.91	1.77	23.29	1.77	24.42	1.77	25.15	1.77
	114.8	13.15	0.98	13.59	0.98	14.02	0.98	14.23	0.98	14.86	0.98	15.26	0.98
CTXS07L + CTXS07L + FDXS09L + FTXS18L	68.0	37.80	2.71	39.50	2.77	41.20	2.82	42.05	2.85	44.60	2.93	46.30	2.98
	77.0	36.09	2.88	37.79	2.93	39.49	2.99	40.34	3.01	42.89	3.09	44.59	3.15
	86.0	34.37	3.06	36.07	3.11	37.77	3.16	38.62	3.19	41.17	3.27	42.87	3.33
	89.6	33.68	3.13	35.38	3.19	37.08	3.24	37.93	3.27	40.48	3.35	42.18	3.40
	95.0	32.65	3.25	34.35	3.30	36.05	3.36	36.90	3.38	39.45	3.46	41.15	3.52
	104.0	27.60	2.56	28.77	2.56	29.92	2.56	30.48	2.56	32.13	2.56	33.20	2.56
	109.4	21.35	1.77	22.16	1.77	22.94	1.77	23.33	1.77	24.47	1.77	25.20	1.77
	114.8	13.15	0.98	13.60	0.98	14.03	0.98	14.24	0.98	14.87	0.98	15.28	0.98
CTXS07L + CTXS07L + FDXS09L + CDXS18L	68.0	36.57	2.74	38.22	2.79	39.86	2.85	40.69	2.87	43.15	2.96	44.80	3.01
	77.0	34.91	2.90	36.56	2.96	38.20	3.01	39.02	3.04	41.49	3.12	43.14	3.18
	86.0	33.25	3.08	34.90	3.14	36.54	3.19	37.36	3.22	39.83	3.30	41.47	3.36
	89.6	32.59	3.16	34.23	3.21	35.87	3.27	36.70	3.30	39.16	3.38	40.81	3.43
	95.0	31.59	3.28	33.23	3.33	34.88	3.39	35.70	3.41	38.17	3.50	39.81	3.55
	104.0	26.82	2.56	27.96	2.56	29.07	2.56	29.62	2.56	31.22	2.56	32.26	2.56
	109.4	20.86	1.77	21.64	1.77	22.41	1.77	22.78	1.77	23.89	1.77	24.60	1.77
	114.8	12.91	0.98	13.34	0.98	13.76	0.98	13.96	0.98	14.57	0.98	14.97	0.98
CTXS07L + CTXS07L + FTXS09L + FTXS24L	68.0	38.93	2.75	40.68	2.80	42.43	2.86	43.31	2.88	45.93	2.97	47.68	3.02
	77.0	37.16	2.91	38.91	2.97	40.66	3.02	41.54	3.05	44.16	3.13	45.92	3.19
	86.0	35.39	3.09	37.14	3.15	38.89	3.20	39.77	3.23	42.40	3.31	44.15	3.37
	89.6	34.68	3.17	36.44	3.22	38.19	3.28	39.06	3.30	41.69	3.39	43.44	3.44
	95.0	33.62	3.29	35.37	3.34	37.12	3.40	38.00	3.42	40.63	3.51	42.38	3.56
	104.0	28.23	2.56	29.41	2.56	30.58	2.56	31.15	2.56	32.82	2.56	33.91	2.56
	109.4	21.77	1.77	22.59	1.77	23.39	1.77	23.78	1.77	24.93	1.77	25.68	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.48	0.98	15.12	0.98	15.54	0.98
CTXS07L + CTXS07L + FTXS09L + CDXS24L	68.0	37.91	2.75	39.61	2.81	41.32	2.86	42.17	2.89	44.73	2.97	46.43	3.03
	77.0	36.18	2.92	37.89	2.97	39.59	3.03	40.45	3.06	43.00	3.14	44.71	3.19
	86.0	34.46	3.10	36.17	3.16	37.87	3.21	38.72	3.24	41.28	3.32	42.98	3.38
	89.6	33.77	3.18	35.48	3.23	37.18	3.29	38.03	3.31	40.59	3.40	42.30	3.45
	95.0	32.74	3.30	34.44	3.35	36.15	3.41	37.00	3.43	39.56	3.52	41.26	3.57
	104.0	27.60	2.56	28.76	2.56	29.90	2.56	30.46	2.56	32.10	2.56	33.16	2.56
	109.4	21.37	1.77	22.17	1.77	22.95	1.77	23.34	1.77	24.47	1.77	25.20	1.77
	114.8	13.17	0.98	13.61	0.98	14.04	0.98	14.26	0.98	14.88	0.98	15.29	0.98
CTXS07L + CTXS07L + FDXS09L + FTXS24L	68.0	37.91	2.72	39.61	2.78	41.32	2.83	42.17	2.86	44.73	2.94	46.43	2.99
	77.0	36.18	2.89	37.89	2.94	39.59	2.99	40.45	3.02	43.00	3.10	44.71	3.16
	86.0	34.46	3.06	36.17	3.12	37.87	3.17	38.72	3.20	41.28	3.28	42.98	3.34
	89.6	33.77	3.14	35.48	3.19	37.18	3.25	38.03	3.28	40.59	3.36	42.30	3.41
	95.0	32.74	3.26	34.44	3.31	36.15	3.37	37.00	3.39	39.56	3.47	41.26	3.53
	104.0	27.65	2.56	28.82	2.56	29.97	2.56	30.53	2.56	32.18	2.56	33.25	2.56
	109.4	21.39	1.77	22.19	1.77	22.98	1.77	23.37	1.77	24.50	1.77	25.24	1.77
	114.8	13.17	0.98	13.62	0.98	14.05	0.98	14.26	0.98	14.89	0.98	15.30	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CTXS07L + FDXS09L + CDXS24L	68.0	36.88	2.74	38.54	2.79	40.20	2.85	41.03	2.87	43.52	2.96	45.18	3.01
	77.0	35.21	2.90	36.86	2.96	38.52	3.01	39.35	3.04	41.84	3.12	43.50	3.18
	86.0	33.53	3.08	35.19	3.14	36.85	3.19	37.68	3.22	40.16	3.30	41.82	3.36
	89.6	32.86	3.16	34.52	3.21	36.18	3.27	37.01	3.30	39.49	3.38	41.15	3.43
	95.0	31.85	3.28	33.51	3.33	35.17	3.39	36.00	3.41	38.49	3.50	40.15	3.55
	104.0	27.01	2.56	28.15	2.56	29.27	2.56	29.82	2.56	31.43	2.56	32.48	2.56
	109.4	20.98	1.77	21.77	1.77	22.54	1.77	22.91	1.77	24.02	1.77	24.75	1.77
	114.8	12.97	0.98	13.40	0.98	13.82	0.98	14.03	0.98	14.65	0.98	15.04	0.98
CTXS07L + CTXS07L + FTXS12L + FTXS12L	68.0	38.93	2.75	40.68	2.80	42.43	2.86	43.31	2.88	45.93	2.97	47.68	3.02
	77.0	37.16	2.91	38.91	2.97	40.66	3.02	41.54	3.05	44.16	3.13	45.92	3.19
	86.0	35.39	3.09	37.14	3.15	38.89	3.20	39.77	3.23	42.40	3.31	44.15	3.37
	89.6	34.68	3.17	36.44	3.22	38.19	3.28	39.06	3.30	41.69	3.39	43.44	3.44
	95.0	33.62	3.29	35.37	3.34	37.12	3.40	38.00	3.42	40.63	3.51	42.38	3.56
	104.0	28.23	2.56	29.41	2.56	30.58	2.56	31.15	2.56	32.82	2.56	33.91	2.56
	109.4	21.77	1.77	22.59	1.77	23.39	1.77	23.78	1.77	24.93	1.77	25.68	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.48	0.98	15.12	0.98	15.54	0.98
CTXS07L + CTXS07L + FTXS12L + FDXS12L	68.0	37.70	2.72	39.40	2.78	41.09	2.83	41.94	2.86	44.48	2.94	46.18	2.99
	77.0	35.99	2.89	37.68	2.94	39.38	2.99	40.23	3.02	42.77	3.10	44.47	3.16
	86.0	34.27	3.06	35.97	3.12	37.67	3.17	38.51	3.20	41.06	3.28	42.75	3.34
	89.6	33.59	3.14	35.28	3.19	36.98	3.25	37.83	3.28	40.37	3.36	42.07	3.41
	95.0	32.56	3.26	34.26	3.31	35.95	3.37	36.80	3.39	39.34	3.47	41.04	3.53
	104.0	27.53	2.56	28.69	2.56	29.83	2.56	30.39	2.56	32.04	2.56	33.10	2.56
	109.4	21.31	1.77	22.11	1.77	22.89	1.77	23.28	1.77	24.41	1.77	25.14	1.77
	114.8	13.13	0.98	13.57	0.98	14.00	0.98	14.22	0.98	14.84	0.98	15.25	0.98
CTXS07L + CTXS07L + FDXS12L + FDXS12L	68.0	36.47	2.75	38.11	2.81	39.75	2.86	40.57	2.89	43.03	2.97	44.67	3.03
	77.0	34.81	2.92	36.46	2.97	38.10	3.03	38.92	3.06	41.38	3.14	43.02	3.19
	86.0	33.16	3.10	34.80	3.16	36.44	3.21	37.26	3.24	39.72	3.32	41.36	3.38
	89.6	32.49	3.18	34.13	3.23	35.77	3.29	36.59	3.31	39.05	3.40	40.69	3.45
	95.0	31.50	3.30	33.14	3.35	34.78	3.41	35.60	3.43	38.06	3.52	39.70	3.57
	104.0	26.74	2.56	27.87	2.56	28.98	2.56	29.52	2.56	31.12	2.56	32.15	2.56
	109.4	20.82	1.77	21.59	1.77	22.35	1.77	22.73	1.77	23.83	1.77	24.54	1.77
	114.8	12.89	0.98	13.32	0.98	13.73	0.98	13.94	0.98	14.55	0.98	14.94	0.98
CTXS07L + CTXS07L + FTXS12L + FTXS15L	68.0	38.93	2.73	40.68	2.78	42.43	2.84	43.31	2.87	45.93	2.95	47.68	3.00
	77.0	37.16	2.89	38.91	2.95	40.66	3.00	41.54	3.03	44.16	3.11	45.92	3.17
	86.0	35.39	3.07	37.14	3.13	38.89	3.18	39.77	3.21	42.40	3.29	44.15	3.35
	89.6	34.68	3.15	36.44	3.20	38.19	3.26	39.06	3.29	41.69	3.37	43.44	3.42
	95.0	33.62	3.27	35.37	3.32	37.12	3.38	38.00	3.40	40.63	3.49	42.38	3.54
	104.0	28.26	2.56	29.45	2.56	30.61	2.56	31.19	2.56	32.87	2.56	33.96	2.56
	109.4	21.78	1.77	22.60	1.77	23.40	1.77	23.80	1.77	24.95	1.77	25.71	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.13	0.98	15.54	0.98
CTXS07L + CTXS07L + FTXS12L + CDXS15L	68.0	37.80	2.76	39.50	2.82	41.20	2.87	42.05	2.90	44.60	2.98	46.30	3.04
	77.0	36.09	2.93	37.79	2.98	39.49	3.04	40.34	3.07	42.89	3.15	44.59	3.20
	86.0	34.37	3.11	36.07	3.16	37.77	3.22	38.62	3.25	41.17	3.33	42.87	3.39
	89.6	33.68	3.19	35.38	3.24	37.08	3.30	37.93	3.32	40.48	3.41	42.18	3.46
	95.0	32.65	3.31	34.35	3.36	36.05	3.42	36.90	3.44	39.45	3.53	41.15	3.58
	104.0	27.53	2.56	28.69	2.56	29.82	2.56	30.38	2.56	32.01	2.56	33.07	2.56
	109.4	21.33	1.77	22.12	1.77	22.90	1.77	23.29	1.77	24.41	1.77	25.14	1.77
	114.8	13.15	0.98	13.59	0.98	14.02	0.98	14.23	0.98	14.85	0.98	15.26	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CTXS07L + FDXS12L + FTXS15L	68.0	37.80	2.77	39.50	2.83	41.20	2.88	42.05	2.91	44.60	2.99	46.30	3.05
	77.0	36.09	2.94	37.79	2.99	39.49	3.05	40.34	3.08	42.89	3.16	44.59	3.21
	86.0	34.37	3.12	36.07	3.17	37.77	3.23	38.62	3.26	41.17	3.34	42.87	3.39
	89.6	33.68	3.20	35.38	3.25	37.08	3.31	37.93	3.33	40.48	3.42	42.18	3.47
	95.0	32.65	3.32	34.35	3.37	36.05	3.43	36.90	3.45	39.45	3.54	41.15	3.59
	104.0	27.51	2.56	28.67	2.56	29.80	2.56	30.36	2.56	31.99	2.56	33.05	2.56
	109.4	21.32	1.77	22.12	1.77	22.90	1.77	23.28	1.77	24.40	1.77	25.13	1.77
	114.8	13.15	0.98	13.59	0.98	14.02	0.98	14.23	0.98	14.85	0.98	15.26	0.98
CTXS07L + CTXS07L + FDXS12L + CDXS15L	68.0	36.57	2.75	38.22	2.80	39.86	2.86	40.69	2.88	43.15	2.97	44.80	3.02
	77.0	34.91	2.91	36.56	2.97	38.20	3.02	39.02	3.05	41.49	3.13	43.14	3.19
	86.0	33.25	3.09	34.90	3.15	36.54	3.20	37.36	3.23	39.83	3.31	41.47	3.37
	89.6	32.59	3.17	34.23	3.22	35.87	3.28	36.70	3.30	39.16	3.39	40.81	3.44
	95.0	31.59	3.29	33.23	3.34	34.88	3.40	35.70	3.42	38.17	3.51	39.81	3.56
	104.0	26.81	2.56	27.95	2.56	29.06	2.56	29.60	2.56	31.20	2.56	32.24	2.56
	109.4	20.86	1.77	21.64	1.77	22.40	1.77	22.78	1.77	23.88	1.77	24.60	1.77
	114.8	12.91	0.98	13.34	0.98	13.76	0.98	13.96	0.98	14.57	0.98	14.97	0.98
CTXS07L + CTXS07L + FTXS12L + FTXS18L	68.0	38.93	2.73	40.68	2.78	42.43	2.84	43.31	2.87	45.93	2.95	47.68	3.00
	77.0	37.16	2.89	38.91	2.95	40.66	3.00	41.54	3.03	44.16	3.11	45.92	3.17
	86.0	35.39	3.07	37.14	3.13	38.89	3.18	39.77	3.21	42.40	3.29	44.15	3.35
	89.6	34.68	3.15	36.44	3.20	38.19	3.26	39.06	3.29	41.69	3.37	43.44	3.42
	95.0	33.62	3.27	35.37	3.32	37.12	3.38	38.00	3.40	40.63	3.49	42.38	3.54
	104.0	28.26	2.56	29.45	2.56	30.61	2.56	31.19	2.56	32.87	2.56	33.96	2.56
	109.4	21.78	1.77	22.60	1.77	23.40	1.77	23.80	1.77	24.95	1.77	25.71	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.13	0.98	15.54	0.98
CTXS07L + CTXS07L + FTXS12L + CDXS18L	68.0	37.80	2.75	39.50	2.81	41.20	2.86	42.05	2.89	44.60	2.97	46.30	3.03
	77.0	36.09	2.92	37.79	2.97	39.49	3.03	40.34	3.06	42.89	3.14	44.59	3.19
	86.0	34.37	3.10	36.07	3.16	37.77	3.21	38.62	3.24	41.17	3.32	42.87	3.38
	89.6	33.68	3.18	35.38	3.23	37.08	3.29	37.93	3.31	40.48	3.40	42.18	3.45
	95.0	32.65	3.30	34.35	3.35	36.05	3.41	36.90	3.43	39.45	3.52	41.15	3.57
	104.0	27.54	2.56	28.70	2.56	29.83	2.56	30.39	2.56	32.03	2.56	33.09	2.56
	109.4	21.33	1.77	22.13	1.77	22.91	1.77	23.29	1.77	24.42	1.77	25.15	1.77
	114.8	13.15	0.98	13.59	0.98	14.02	0.98	14.23	0.98	14.86	0.98	15.26	0.98
CTXS07L + CTXS07L + FDXS12L + FTXS18L	68.0	37.80	2.71	39.50	2.77	41.20	2.82	42.05	2.85	44.60	2.93	46.30	2.98
	77.0	36.09	2.88	37.79	2.93	39.49	2.99	40.34	3.01	42.89	3.09	44.59	3.15
	86.0	34.37	3.06	36.07	3.11	37.77	3.16	38.62	3.19	41.17	3.27	42.87	3.33
	89.6	33.68	3.13	35.38	3.19	37.08	3.24	37.93	3.27	40.48	3.35	42.18	3.40
	95.0	32.65	3.25	34.35	3.30	36.05	3.36	36.90	3.38	39.45	3.46	41.15	3.52
	104.0	27.60	2.56	28.77	2.56	29.92	2.56	30.48	2.56	32.13	2.56	33.20	2.56
	109.4	21.35	1.77	22.16	1.77	22.94	1.77	23.33	1.77	24.47	1.77	25.20	1.77
	114.8	13.15	0.98	13.60	0.98	14.03	0.98	14.24	0.98	14.87	0.98	15.28	0.98
CTXS07L + CTXS07L + FDXS12L + CDXS18L	68.0	36.78	2.74	38.43	2.79	40.09	2.85	40.91	2.87	43.40	2.96	45.05	3.01
	77.0	35.11	2.90	36.76	2.96	38.42	3.01	39.24	3.04	41.72	3.12	43.38	3.18
	86.0	33.44	3.08	35.09	3.14	36.74	3.19	37.57	3.22	40.05	3.30	41.71	3.36
	89.6	32.77	3.16	34.42	3.21	36.08	3.27	36.90	3.30	39.38	3.38	41.04	3.43
	95.0	31.77	3.28	33.42	3.33	35.07	3.39	35.90	3.41	38.38	3.50	40.03	3.55
	104.0	26.95	2.56	28.09	2.56	29.20	2.56	29.75	2.56	31.36	2.56	32.40	2.56
	109.4	20.94	1.77	21.73	1.77	22.49	1.77	22.87	1.77	23.98	1.77	24.70	1.77
	114.8	12.95	0.98	13.38	0.98	13.80	0.98	14.01	0.98	14.62	0.98	15.02	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CTXS07L + FTXS15L + FTXS15L	68.0	38.93	2.76	40.68	2.82	42.43	2.87	43.31	2.90	45.93	2.98	47.68	3.04
	77.0	37.16	2.93	38.91	2.98	40.66	3.04	41.54	3.07	44.16	3.15	45.92	3.20
	86.0	35.39	3.11	37.14	3.16	38.89	3.22	39.77	3.25	42.40	3.33	44.15	3.39
	89.6	34.68	3.19	36.44	3.24	38.19	3.30	39.06	3.32	41.69	3.41	43.44	3.46
	95.0	33.62	3.31	35.37	3.36	37.12	3.42	38.00	3.44	40.63	3.53	42.38	3.58
	104.0	28.20	2.56	29.38	2.56	30.54	2.56	31.11	2.56	32.78	2.56	33.86	2.56
	109.4	21.76	1.77	22.57	1.77	23.37	1.77	23.76	1.77	24.91	1.77	25.66	1.77
	114.8	13.38	0.98	13.83	0.98	14.26	0.98	14.48	0.98	15.12	0.98	15.53	0.98
CTXS07L + CTXS07L + FTXS15L + CDXS15L	68.0	37.80	2.75	39.50	2.80	41.20	2.86	42.05	2.88	44.60	2.97	46.30	3.02
	77.0	36.09	2.91	37.79	2.97	39.49	3.02	40.34	3.05	42.89	3.13	44.59	3.19
	86.0	34.37	3.09	36.07	3.15	37.77	3.20	38.62	3.23	41.17	3.31	42.87	3.37
	89.6	33.68	3.17	35.38	3.22	37.08	3.28	37.93	3.30	40.48	3.39	42.18	3.44
	95.0	32.65	3.29	34.35	3.34	36.05	3.40	36.90	3.42	39.45	3.51	41.15	3.56
	104.0	27.55	2.56	28.71	2.56	29.85	2.56	30.41	2.56	32.05	2.56	33.11	2.56
	109.4	21.33	1.77	22.13	1.77	22.92	1.77	23.30	1.77	24.43	1.77	25.16	1.77
	114.8	13.15	0.98	13.59	0.98	14.02	0.98	14.24	0.98	14.86	0.98	15.26	0.98
CTXS07L + CTXS07L + CDXS15L + CDXS15L	68.0	36.78	2.73	38.43	2.78	40.09	2.84	40.91	2.87	43.40	2.95	45.05	3.00
	77.0	35.11	2.89	36.76	2.95	38.42	3.00	39.24	3.03	41.72	3.11	43.38	3.17
	86.0	33.44	3.07	35.09	3.13	36.74	3.18	37.57	3.21	40.05	3.29	41.71	3.35
	89.6	32.77	3.15	34.42	3.20	36.08	3.26	36.90	3.29	39.38	3.37	41.04	3.42
	95.0	31.77	3.27	33.42	3.32	35.07	3.38	35.90	3.40	38.38	3.49	40.03	3.54
	104.0	26.96	2.56	28.10	2.56	29.22	2.56	29.77	2.56	31.38	2.56	32.42	2.56
	109.4	20.94	1.77	21.73	1.77	22.50	1.77	22.88	1.77	23.99	1.77	24.71	1.77
	114.8	12.95	0.98	13.38	0.98	13.80	0.98	14.01	0.98	14.62	0.98	15.02	0.98
CTXS07L + CTXS07L + FTXS15L + FTXS18L	68.0	38.93	2.73	40.68	2.78	42.43	2.84	43.31	2.87	45.93	2.95	47.68	3.00
	77.0	37.16	2.89	38.91	2.95	40.66	3.00	41.54	3.03	44.16	3.11	45.92	3.17
	86.0	35.39	3.07	37.14	3.13	38.89	3.18	39.77	3.21	42.40	3.29	44.15	3.35
	89.6	34.68	3.15	36.44	3.20	38.19	3.26	39.06	3.29	41.69	3.37	43.44	3.42
	95.0	33.62	3.27	35.37	3.32	37.12	3.38	38.00	3.40	40.63	3.49	42.38	3.54
	104.0	28.26	2.56	29.45	2.56	30.61	2.56	31.19	2.56	32.87	2.56	33.96	2.56
	109.4	21.78	1.77	22.60	1.77	23.40	1.77	23.80	1.77	24.95	1.77	25.71	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.13	0.98	15.54	0.98
CTXS07L + CTXS07L + FTXS15L + CDXS18L	68.0	37.91	2.75	39.61	2.81	41.32	2.86	42.17	2.89	44.73	2.97	46.43	3.03
	77.0	36.18	2.92	37.89	2.97	39.59	3.03	40.45	3.06	43.00	3.14	44.71	3.19
	86.0	34.46	3.10	36.17	3.16	37.87	3.21	38.72	3.24	41.28	3.32	42.98	3.38
	89.6	33.77	3.18	35.48	3.23	37.18	3.29	38.03	3.31	40.59	3.40	42.30	3.45
	95.0	32.74	3.30	34.44	3.35	36.15	3.41	37.00	3.43	39.56	3.52	41.26	3.57
	104.0	27.60	2.56	28.76	2.56	29.90	2.56	30.46	2.56	32.10	2.56	33.16	2.56
	109.4	21.37	1.77	22.17	1.77	22.95	1.77	23.34	1.77	24.47	1.77	25.20	1.77
	114.8	13.17	0.98	13.61	0.98	14.04	0.98	14.26	0.98	14.88	0.98	15.29	0.98
CTXS07L + CTXS07L + CDXS15L + FTXS18L	68.0	37.91	2.73	39.61	2.78	41.32	2.84	42.17	2.87	44.73	2.95	46.43	3.00
	77.0	36.18	2.89	37.89	2.95	39.59	3.00	40.45	3.03	43.00	3.11	44.71	3.17
	86.0	34.46	3.07	36.17	3.13	37.87	3.18	38.72	3.21	41.28	3.29	42.98	3.35
	89.6	33.77	3.15	35.48	3.20	37.18	3.26	38.03	3.29	40.59	3.37	42.30	3.42
	95.0	32.74	3.27	34.44	3.32	36.15	3.38	37.00	3.40	39.56	3.49	41.26	3.54
	104.0	27.64	2.56	28.81	2.56	29.95	2.56	30.51	2.56	32.16	2.56	33.23	2.56
	109.4	21.38	1.77	22.19	1.77	22.97	1.77	23.36	1.77	24.49	1.77	25.23	1.77
	114.8	13.17	0.98	13.62	0.98	14.05	0.98	14.26	0.98	14.89	0.98	15.29	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CTXS07L + CDXS15L + CDXS18L	68.0	36.88	2.75	38.54	2.81	40.20	2.86	41.03	2.89	43.52	2.97	45.18	3.03
	77.0	35.21	2.92	36.86	2.97	38.52	3.03	39.35	3.06	41.84	3.14	43.50	3.19
	86.0	33.53	3.10	35.19	3.16	36.85	3.21	37.68	3.24	40.16	3.32	41.82	3.38
	89.6	32.86	3.18	34.52	3.23	36.18	3.29	37.01	3.31	39.49	3.40	41.15	3.45
	95.0	31.85	3.30	33.51	3.35	35.17	3.41	36.00	3.43	38.49	3.52	40.15	3.57
	104.0	26.99	2.56	28.13	2.56	29.24	2.56	29.79	2.56	31.40	2.56	32.44	2.56
	109.4	20.97	1.77	21.76	1.77	22.52	1.77	22.90	1.77	24.01	1.77	24.73	1.77
	114.8	12.97	0.98	13.40	0.98	13.82	0.98	14.03	0.98	14.64	0.98	15.04	0.98
CTXS07L + FTXS09L + FTXS09L + FTXS09L	68.0	37.39	2.74	39.08	2.79	40.76	2.85	41.60	2.87	44.12	2.96	45.80	3.01
	77.0	35.70	2.90	37.38	2.96	39.06	3.01	39.90	3.04	42.42	3.12	44.10	3.18
	86.0	34.00	3.08	35.68	3.14	37.36	3.19	38.20	3.22	40.72	3.30	42.40	3.36
	89.6	33.32	3.16	35.00	3.21	36.68	3.27	37.52	3.30	40.04	3.38	41.72	3.43
	95.0	32.30	3.28	33.98	3.33	35.66	3.39	36.50	3.41	39.02	3.50	40.70	3.55
	104.0	27.32	2.56	28.47	2.56	29.60	2.56	30.16	2.56	31.78	2.56	32.84	2.56
	109.4	21.18	1.77	21.97	1.77	22.75	1.77	23.13	1.77	24.25	1.77	24.98	1.77
	114.8	13.07	0.98	13.51	0.98	13.94	0.98	14.15	0.98	14.77	0.98	15.17	0.98
CTXS07L + FTXS09L + FTXS09L + FDXS09L	68.0	36.17	2.77	37.79	2.83	39.42	2.88	40.23	2.91	42.67	2.99	44.30	3.05
	77.0	34.52	2.94	36.15	2.99	37.77	3.05	38.59	3.08	41.03	3.16	42.65	3.21
	86.0	32.88	3.12	34.50	3.17	36.13	3.23	36.94	3.26	39.38	3.34	41.01	3.39
	89.6	32.22	3.20	33.85	3.25	35.47	3.31	36.29	3.33	38.73	3.42	40.35	3.47
	95.0	31.23	3.32	32.86	3.37	34.49	3.43	35.30	3.45	37.74	3.54	39.37	3.59
	104.0	26.54	2.56	27.66	2.56	28.76	2.56	29.29	2.56	30.88	2.56	31.90	2.56
	109.4	20.69	1.77	21.46	1.77	22.22	1.77	22.59	1.77	23.68	1.77	24.39	1.77
	114.8	12.83	0.98	13.25	0.98	13.67	0.98	13.87	0.98	14.47	0.98	14.86	0.98
CTXS07L + FTXS09L + FDXS09L + FDXS09L	68.0	34.94	2.64	36.51	2.69	38.08	2.75	38.86	2.77	41.22	2.85	42.79	2.91
	77.0	33.35	2.80	34.92	2.85	36.49	2.91	37.28	2.93	39.63	3.01	41.20	3.06
	86.0	31.76	2.97	33.33	3.03	34.90	3.08	35.69	3.11	38.04	3.18	39.62	3.24
	89.6	31.13	3.05	32.70	3.10	34.27	3.15	35.05	3.18	37.41	3.26	38.98	3.31
	95.0	30.17	3.16	31.74	3.21	33.31	3.27	34.10	3.29	36.46	3.37	38.03	3.43
	104.0	25.96	2.56	27.08	2.56	28.17	2.56	28.71	2.56	30.29	2.56	31.31	2.56
	109.4	20.26	1.77	21.03	1.77	21.78	1.77	22.15	1.77	23.23	1.77	23.94	1.77
	114.8	12.57	0.98	12.99	0.98	13.40	0.98	13.61	0.98	14.21	0.98	14.60	0.98
CTXS07L + FDXS09L + FDXS09L + FDXS09L	68.0	33.71	2.52	35.22	2.57	36.74	2.62	37.50	2.65	39.77	2.72	41.29	2.77
	77.0	32.17	2.67	33.69	2.72	35.21	2.77	35.96	2.80	38.24	2.87	39.75	2.92
	86.0	30.64	2.84	32.16	2.89	33.67	2.94	34.43	2.96	36.71	3.04	38.22	3.09
	89.6	30.03	2.91	31.55	2.96	33.06	3.01	33.82	3.03	36.09	3.11	37.61	3.16
	95.0	29.11	3.02	30.63	3.07	32.14	3.12	32.90	3.14	35.17	3.22	36.69	3.27
	104.0	25.40	2.56	26.51	2.56	27.60	2.56	28.13	2.56	29.70	2.56	30.72	2.56
	109.4	19.83	1.77	20.60	1.77	21.35	1.77	21.72	1.77	22.80	1.77	23.50	1.77
	114.8	12.31	0.98	12.73	0.98	13.15	0.98	13.35	0.98	13.95	0.98	14.33	0.98
CTXS07L + FTXS09L + FTXS09L + FTXS12L	68.0	38.93	2.75	40.68	2.80	42.43	2.86	43.31	2.88	45.93	2.97	47.68	3.02
	77.0	37.16	2.91	38.91	2.97	40.66	3.02	41.54	3.05	44.16	3.13	45.92	3.19
	86.0	35.39	3.09	37.14	3.15	38.89	3.20	39.77	3.23	42.40	3.31	44.15	3.37
	89.6	34.68	3.17	36.44	3.22	38.19	3.28	39.06	3.30	41.69	3.39	43.44	3.44
	95.0	33.62	3.29	35.37	3.34	37.12	3.40	38.00	3.42	40.63	3.51	42.38	3.56
	104.0	28.23	2.56	29.41	2.56	30.58	2.56	31.15	2.56	32.82	2.56	33.91	2.56
	109.4	21.77	1.77	22.59	1.77	23.39	1.77	23.78	1.77	24.93	1.77	25.68	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.48	0.98	15.12	0.98	15.54	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS09L + FTXS09L + FDXS12L	68.0	37.70	2.72	39.40	2.78	41.09	2.83	41.94	2.86	44.48	2.94	46.18	2.99
	77.0	35.99	2.89	37.68	2.94	39.38	2.99	40.23	3.02	42.77	3.10	44.47	3.16
	86.0	34.27	3.06	35.97	3.12	37.67	3.17	38.51	3.20	41.06	3.28	42.75	3.34
	89.6	33.59	3.14	35.28	3.19	36.98	3.25	37.83	3.28	40.37	3.36	42.07	3.41
	95.0	32.56	3.26	34.26	3.31	35.95	3.37	36.80	3.39	39.34	3.47	41.04	3.53
	104.0	27.53	2.56	28.69	2.56	29.83	2.56	30.39	2.56	32.04	2.56	33.10	2.56
	109.4	21.31	1.77	22.11	1.77	22.89	1.77	23.28	1.77	24.41	1.77	25.14	1.77
	114.8	13.13	0.98	13.57	0.98	14.00	0.98	14.22	0.98	14.84	0.98	15.25	0.98
CTXS07L + FTXS09L + FDXS09L + FTXS12L	68.0	37.70	2.73	39.40	2.78	41.09	2.84	41.94	2.87	44.48	2.95	46.18	3.00
	77.0	35.99	2.89	37.68	2.95	39.38	3.00	40.23	3.03	42.77	3.11	44.47	3.17
	86.0	34.27	3.07	35.97	3.13	37.67	3.18	38.51	3.21	41.06	3.29	42.75	3.35
	89.6	33.59	3.15	35.28	3.20	36.98	3.26	37.83	3.29	40.37	3.37	42.07	3.42
	95.0	32.56	3.27	34.26	3.32	35.95	3.38	36.80	3.40	39.34	3.49	41.04	3.54
	104.0	27.52	2.56	28.68	2.56	29.82	2.56	30.38	2.56	32.02	2.56	33.08	2.56
	109.4	21.30	1.77	22.10	1.77	22.89	1.77	23.27	1.77	24.40	1.77	25.13	1.77
	114.8	13.13	0.98	13.57	0.98	14.00	0.98	14.22	0.98	14.84	0.98	15.25	0.98
CTXS07L + FTXS09L + FDXS09L + FDXS12L	68.0	36.47	2.76	38.11	2.82	39.75	2.87	40.57	2.90	43.03	2.98	44.67	3.04
	77.0	34.81	2.93	36.46	2.98	38.10	3.04	38.92	3.07	41.38	3.15	43.02	3.20
	86.0	33.16	3.11	34.80	3.16	36.44	3.22	37.26	3.25	39.72	3.33	41.36	3.39
	89.6	32.49	3.19	34.13	3.24	35.77	3.30	36.59	3.32	39.05	3.41	40.69	3.46
	95.0	31.50	3.31	33.14	3.36	34.78	3.42	35.60	3.44	38.06	3.53	39.70	3.58
	104.0	26.73	2.56	27.86	2.56	28.97	2.56	29.51	2.56	31.10	2.56	32.13	2.56
	109.4	20.81	1.77	21.59	1.77	22.35	1.77	22.72	1.77	23.82	1.77	24.53	1.77
	114.8	12.89	0.98	13.32	0.98	13.73	0.98	13.94	0.98	14.55	0.98	14.94	0.98
CTXS07L + FDXS09L + FDXS09L + FTXS12L	68.0	36.47	2.76	38.11	2.82	39.75	2.87	40.57	2.90	43.03	2.98	44.67	3.04
	77.0	34.81	2.93	36.46	2.98	38.10	3.04	38.92	3.07	41.38	3.15	43.02	3.20
	86.0	33.16	3.11	34.80	3.16	36.44	3.22	37.26	3.25	39.72	3.33	41.36	3.39
	89.6	32.49	3.19	34.13	3.24	35.77	3.30	36.59	3.32	39.05	3.41	40.69	3.46
	95.0	31.50	3.31	33.14	3.36	34.78	3.42	35.60	3.44	38.06	3.53	39.70	3.58
	104.0	26.73	2.56	27.86	2.56	28.97	2.56	29.51	2.56	31.10	2.56	32.13	2.56
	109.4	20.81	1.77	21.59	1.77	22.35	1.77	22.72	1.77	23.82	1.77	24.53	1.77
	114.8	12.89	0.98	13.32	0.98	13.73	0.98	13.94	0.98	14.55	0.98	14.94	0.98
CTXS07L + FDXS09L + FDXS09L + FDXS12L	68.0	35.14	2.68	36.72	2.74	38.30	2.79	39.09	2.82	41.46	2.90	43.04	2.95
	77.0	33.54	2.84	35.12	2.90	36.70	2.95	37.49	2.98	39.86	3.06	41.44	3.11
	86.0	31.95	3.02	33.53	3.07	35.11	3.13	35.90	3.15	38.27	3.23	39.85	3.29
	89.6	31.31	3.09	32.89	3.15	34.47	3.20	35.26	3.23	37.63	3.31	39.21	3.36
	95.0	30.35	3.21	31.93	3.26	33.51	3.32	34.30	3.34	36.67	3.42	38.25	3.48
	104.0	26.03	2.56	27.14	2.56	28.23	2.56	28.77	2.56	30.34	2.56	31.36	2.56
	109.4	20.32	1.77	21.09	1.77	21.84	1.77	22.21	1.77	23.29	1.77	23.99	1.77
	114.8	12.61	0.98	13.03	0.98	13.45	0.98	13.65	0.98	14.25	0.98	14.63	0.98
CTXS07L + FTXS09L + FTXS09L + FTXS15L	68.0	38.93	2.73	40.68	2.78	42.43	2.84	43.31	2.87	45.93	2.95	47.68	3.00
	77.0	37.16	2.89	38.91	2.95	40.66	3.00	41.54	3.03	44.16	3.11	45.92	3.17
	86.0	35.39	3.07	37.14	3.13	38.89	3.18	39.77	3.21	42.40	3.29	44.15	3.35
	89.6	34.68	3.15	36.44	3.20	38.19	3.26	39.06	3.29	41.69	3.37	43.44	3.42
	95.0	33.62	3.27	35.37	3.32	37.12	3.38	38.00	3.40	40.63	3.49	42.38	3.54
	104.0	28.26	2.56	29.45	2.56	30.61	2.56	31.19	2.56	32.87	2.56	33.96	2.56
	109.4	21.78	1.77	22.60	1.77	23.40	1.77	23.80	1.77	24.95	1.77	25.71	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.13	0.98	15.54	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS09L + FTXS09L + CDXS15L	68.0	37.70	2.76	39.40	2.82	41.09	2.87	41.94	2.90	44.48	2.98	46.18	3.04
	77.0	35.99	2.93	37.68	2.98	39.38	3.04	40.23	3.07	42.77	3.15	44.47	3.20
	86.0	34.27	3.11	35.97	3.16	37.67	3.22	38.51	3.25	41.06	3.33	42.75	3.39
	89.6	33.59	3.19	35.28	3.24	36.98	3.30	37.83	3.32	40.37	3.41	42.07	3.46
	95.0	32.56	3.31	34.26	3.36	35.95	3.42	36.80	3.44	39.34	3.53	41.04	3.58
	104.0	27.46	2.56	28.62	2.56	29.75	2.56	30.31	2.56	31.94	2.56	33.00	2.56
	109.4	21.29	1.77	22.08	1.77	22.86	1.77	23.24	1.77	24.37	1.77	25.10	1.77
	114.8	13.13	0.98	13.57	0.98	14.00	0.98	14.21	0.98	14.83	0.98	15.23	0.98
CTXS07L + FTXS09L + FDXS09L + FTXS15L	68.0	37.70	2.71	39.40	2.77	41.09	2.82	41.94	2.85	44.48	2.93	46.18	2.98
	77.0	35.99	2.88	37.68	2.93	39.38	2.99	40.23	3.01	42.77	3.09	44.47	3.15
	86.0	34.27	3.06	35.97	3.11	37.67	3.16	38.51	3.19	41.06	3.27	42.75	3.33
	89.6	33.59	3.13	35.28	3.19	36.98	3.24	37.83	3.27	40.37	3.35	42.07	3.40
	95.0	32.56	3.25	34.26	3.30	35.95	3.36	36.80	3.38	39.34	3.46	41.04	3.52
	104.0	27.54	2.56	28.71	2.56	29.85	2.56	30.41	2.56	32.06	2.56	33.12	2.56
	109.4	21.31	1.77	22.12	1.77	22.90	1.77	23.29	1.77	24.42	1.77	25.16	1.77
	114.8	13.13	0.98	13.57	0.98	14.01	0.98	14.22	0.98	14.84	0.98	15.25	0.98
CTXS07L + FTXS09L + FDXS09L + CDXS15L	68.0	36.57	2.75	38.22	2.80	39.86	2.86	40.69	2.88	43.15	2.97	44.80	3.02
	77.0	34.91	2.91	36.56	2.97	38.20	3.02	39.02	3.05	41.49	3.13	43.14	3.19
	86.0	33.25	3.09	34.90	3.15	36.54	3.20	37.36	3.23	39.83	3.31	41.47	3.37
	89.6	32.59	3.17	34.23	3.22	35.87	3.28	36.70	3.30	39.16	3.39	40.81	3.44
	95.0	31.59	3.29	33.23	3.34	34.88	3.40	35.70	3.42	38.17	3.51	39.81	3.56
	104.0	26.81	2.56	27.95	2.56	29.06	2.56	29.60	2.56	31.20	2.56	32.24	2.56
	109.4	20.86	1.77	21.64	1.77	22.40	1.77	22.78	1.77	23.88	1.77	24.60	1.77
	114.8	12.91	0.98	13.34	0.98	13.76	0.98	13.96	0.98	14.57	0.98	14.97	0.98
CTXS07L + FDXS09L + FDXS09L + FTXS15L	68.0	36.57	2.70	38.22	2.75	39.86	2.81	40.69	2.83	43.15	2.91	44.80	2.97
	77.0	34.91	2.86	36.56	2.91	38.20	2.97	39.02	2.99	41.49	3.08	43.14	3.13
	86.0	33.25	3.04	34.90	3.09	36.54	3.15	37.36	3.17	39.83	3.25	41.47	3.31
	89.6	32.59	3.11	34.23	3.17	35.87	3.22	36.70	3.25	39.16	3.33	40.81	3.38
	95.0	31.59	3.23	33.23	3.28	34.88	3.34	35.70	3.36	38.17	3.44	39.81	3.50
	104.0	26.88	2.56	28.03	2.56	29.15	2.56	29.70	2.56	31.31	2.56	32.36	2.56
	109.4	20.88	1.77	21.67	1.77	22.44	1.77	22.82	1.77	23.93	1.77	24.65	1.77
	114.8	12.90	0.98	13.34	0.98	13.76	0.98	13.97	0.98	14.58	0.98	14.98	0.98
CTXS07L + FDXS09L + FDXS09L + CDXS15L	68.0	35.35	2.67	36.94	2.73	38.52	2.78	39.32	2.81	41.70	2.89	43.29	2.94
	77.0	33.74	2.83	35.33	2.89	36.92	2.94	37.71	2.97	40.10	3.05	41.69	3.10
	86.0	32.13	3.01	33.72	3.06	35.31	3.12	36.11	3.14	38.49	3.22	40.08	3.28
	89.6	31.49	3.08	33.08	3.14	34.67	3.19	35.46	3.22	37.85	3.30	39.44	3.35
	95.0	30.53	3.20	32.12	3.25	33.71	3.31	34.50	3.33	36.88	3.41	38.47	3.47
	104.0	26.17	2.56	27.29	2.56	28.38	2.56	28.92	2.56	30.50	2.56	31.53	2.56
	109.4	20.41	1.77	21.18	1.77	21.93	1.77	22.30	1.77	23.39	1.77	24.10	1.77
	114.8	12.65	0.98	13.08	0.98	13.49	0.98	13.70	0.98	14.30	0.98	14.69	0.98
CTXS07L + FTXS09L + FTXS09L + FTXS18L	68.0	38.93	2.73	40.68	2.78	42.43	2.84	43.31	2.87	45.93	2.95	47.68	3.00
	77.0	37.16	2.89	38.91	2.95	40.66	3.00	41.54	3.03	44.16	3.11	45.92	3.17
	86.0	35.39	3.07	37.14	3.13	38.89	3.18	39.77	3.21	42.40	3.29	44.15	3.35
	89.6	34.68	3.15	36.44	3.20	38.19	3.26	39.06	3.29	41.69	3.37	43.44	3.42
	95.0	33.62	3.27	35.37	3.32	37.12	3.38	38.00	3.40	40.63	3.49	42.38	3.54
	104.0	28.26	2.56	29.45	2.56	30.61	2.56	31.19	2.56	32.87	2.56	33.96	2.56
	109.4	21.78	1.77	22.60	1.77	23.40	1.77	23.80	1.77	24.95	1.77	25.71	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.13	0.98	15.54	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS09L + FTXS09L + CDXS18L	68.0	37.80	2.75	39.50	2.81	41.20	2.86	42.05	2.89	44.60	2.97	46.30	3.03
	77.0	36.09	2.92	37.79	2.97	39.49	3.03	40.34	3.06	42.89	3.14	44.59	3.19
	86.0	34.37	3.10	36.07	3.16	37.77	3.21	38.62	3.24	41.17	3.32	42.87	3.38
	89.6	33.68	3.18	35.38	3.23	37.08	3.29	37.93	3.31	40.48	3.40	42.18	3.45
	95.0	32.65	3.30	34.35	3.35	36.05	3.41	36.90	3.43	39.45	3.52	41.15	3.57
	104.0	27.54	2.56	28.70	2.56	29.83	2.56	30.39	2.56	32.03	2.56	33.09	2.56
	109.4	21.33	1.77	22.13	1.77	22.91	1.77	23.29	1.77	24.42	1.77	25.15	1.77
	114.8	13.15	0.98	13.59	0.98	14.02	0.98	14.23	0.98	14.86	0.98	15.26	0.98
CTXS07L + FTXS09L + FDXS09L + FTXS18L	68.0	37.80	2.77	39.50	2.83	41.20	2.88	42.05	2.91	44.60	2.99	46.30	3.05
	77.0	36.09	2.94	37.79	2.99	39.49	3.05	40.34	3.08	42.89	3.16	44.59	3.21
	86.0	34.37	3.12	36.07	3.17	37.77	3.23	38.62	3.26	41.17	3.34	42.87	3.39
	89.6	33.68	3.20	35.38	3.25	37.08	3.31	37.93	3.33	40.48	3.42	42.18	3.47
	95.0	32.65	3.32	34.35	3.37	36.05	3.43	36.90	3.45	39.45	3.54	41.15	3.59
	104.0	27.51	2.56	28.67	2.56	29.80	2.56	30.36	2.56	31.99	2.56	33.05	2.56
	109.4	21.32	1.77	22.12	1.77	22.90	1.77	23.28	1.77	24.40	1.77	25.13	1.77
	114.8	13.15	0.98	13.59	0.98	14.02	0.98	14.23	0.98	14.85	0.98	15.26	0.98
CTXS07L + FTXS09L + FDXS09L + CDXS18L	68.0	36.68	2.74	38.33	2.79	39.98	2.85	40.80	2.87	43.27	2.96	44.92	3.01
	77.0	35.01	2.90	36.66	2.96	38.31	3.01	39.13	3.04	41.61	3.12	43.26	3.18
	86.0	33.34	3.08	34.99	3.14	36.64	3.19	37.47	3.22	39.94	3.30	41.59	3.36
	89.6	32.68	3.16	34.33	3.21	35.98	3.27	36.80	3.30	39.27	3.38	40.92	3.43
	95.0	31.68	3.28	33.33	3.33	34.98	3.39	35.80	3.41	38.27	3.50	39.92	3.55
	104.0	26.89	2.56	28.02	2.56	29.14	2.56	29.68	2.56	31.29	2.56	32.33	2.56
	109.4	20.90	1.77	21.68	1.77	22.45	1.77	22.83	1.77	23.93	1.77	24.65	1.77
	114.8	12.93	0.98	13.36	0.98	13.78	0.98	13.99	0.98	14.60	0.98	14.99	0.98
CTXS07L + FDXS09L + FDXS09L + FTXS18L	68.0	36.68	2.70	38.33	2.75	39.98	2.81	40.80	2.83	43.27	2.91	44.92	2.97
	77.0	35.01	2.86	36.66	2.91	38.31	2.97	39.13	2.99	41.61	3.08	43.26	3.13
	86.0	33.34	3.04	34.99	3.09	36.64	3.15	37.47	3.17	39.94	3.25	41.59	3.31
	89.6	32.68	3.11	34.33	3.17	35.98	3.22	36.80	3.25	39.27	3.33	40.92	3.38
	95.0	31.68	3.23	33.33	3.28	34.98	3.34	35.80	3.36	38.27	3.44	39.92	3.50
	104.0	26.95	2.56	28.09	2.56	29.21	2.56	29.77	2.56	31.38	2.56	32.43	2.56
	109.4	20.92	1.77	21.71	1.77	22.48	1.77	22.86	1.77	23.97	1.77	24.70	1.77
	114.8	12.92	0.98	13.36	0.98	13.78	0.98	13.99	0.98	14.61	0.98	15.01	0.98
CTXS07L + FDXS09L + FDXS09L + CDXS18L	68.0	35.55	2.72	37.15	2.78	38.75	2.83	39.55	2.86	41.95	2.94	43.54	2.99
	77.0	33.93	2.89	35.53	2.94	37.13	2.99	37.93	3.02	40.33	3.10	41.93	3.16
	86.0	32.32	3.06	33.92	3.12	35.52	3.17	36.32	3.20	38.71	3.28	40.31	3.34
	89.6	31.67	3.14	33.27	3.19	34.87	3.25	35.67	3.28	38.07	3.36	39.67	3.41
	95.0	30.70	3.26	32.30	3.31	33.90	3.37	34.70	3.39	37.10	3.47	38.70	3.53
	104.0	26.23	2.56	27.34	2.56	28.43	2.56	28.97	2.56	30.54	2.56	31.56	2.56
	109.4	20.47	1.77	21.24	1.77	21.99	1.77	22.36	1.77	23.44	1.77	24.14	1.77
	114.8	12.70	0.98	13.12	0.98	13.53	0.98	13.74	0.98	14.34	0.98	14.73	0.98
CTXS07L + FTXS09L + FTXS12L + FTXS12L	68.0	38.93	2.75	40.68	2.80	42.43	2.86	43.31	2.88	45.93	2.97	47.68	3.02
	77.0	37.16	2.91	38.91	2.97	40.66	3.02	41.54	3.05	44.16	3.13	45.92	3.19
	86.0	35.39	3.09	37.14	3.15	38.89	3.20	39.77	3.23	42.40	3.31	44.15	3.37
	89.6	34.68	3.17	36.44	3.22	38.19	3.28	39.06	3.30	41.69	3.39	43.44	3.44
	95.0	33.62	3.29	35.37	3.34	37.12	3.40	38.00	3.42	40.63	3.51	42.38	3.56
	104.0	28.23	2.56	29.41	2.56	30.58	2.56	31.15	2.56	32.82	2.56	33.91	2.56
	109.4	21.77	1.77	22.59	1.77	23.39	1.77	23.78	1.77	24.93	1.77	25.68	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.48	0.98	15.12	0.98	15.54	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS09L + FTXS12L + FDXS12L	68.0	37.70	2.73	39.40	2.78	41.09	2.84	41.94	2.87	44.48	2.95	46.18	3.00
	77.0	35.99	2.89	37.68	2.95	39.38	3.00	40.23	3.03	42.77	3.11	44.47	3.17
	86.0	34.27	3.07	35.97	3.13	37.67	3.18	38.51	3.21	41.06	3.29	42.75	3.35
	89.6	33.59	3.15	35.28	3.20	36.98	3.26	37.83	3.29	40.37	3.37	42.07	3.42
	95.0	32.56	3.27	34.26	3.32	35.95	3.38	36.80	3.40	39.34	3.49	41.04	3.54
	104.0	27.52	2.56	28.68	2.56	29.82	2.56	30.38	2.56	32.02	2.56	33.08	2.56
	109.4	21.30	1.77	22.10	1.77	22.89	1.77	23.27	1.77	24.40	1.77	25.13	1.77
	114.8	13.13	0.98	13.57	0.98	14.00	0.98	14.22	0.98	14.84	0.98	15.25	0.98
CTXS07L + FTXS09L + FDXS12L + FDXS12L	68.0	36.57	2.76	38.22	2.82	39.86	2.87	40.69	2.90	43.15	2.98	44.80	3.04
	77.0	34.91	2.93	36.56	2.98	38.20	3.04	39.02	3.07	41.49	3.15	43.14	3.20
	86.0	33.25	3.11	34.90	3.16	36.54	3.22	37.36	3.25	39.83	3.33	41.47	3.39
	89.6	32.59	3.19	34.23	3.24	35.87	3.30	36.70	3.32	39.16	3.41	40.81	3.46
	95.0	31.59	3.31	33.23	3.36	34.88	3.42	35.70	3.44	38.17	3.53	39.81	3.58
	104.0	26.79	2.56	27.93	2.56	29.03	2.56	29.57	2.56	31.17	2.56	32.21	2.56
	109.4	20.85	1.77	21.63	1.77	22.39	1.77	22.77	1.77	23.87	1.77	24.58	1.77
	114.8	12.91	0.98	13.34	0.98	13.76	0.98	13.96	0.98	14.57	0.98	14.96	0.98
CTXS07L + FDXS09L + FTXS12L + FTXS12L	68.0	37.70	2.73	39.40	2.78	41.09	2.84	41.94	2.87	44.48	2.95	46.18	3.00
	77.0	35.99	2.89	37.68	2.95	39.38	3.00	40.23	3.03	42.77	3.11	44.47	3.17
	86.0	34.27	3.07	35.97	3.13	37.67	3.18	38.51	3.21	41.06	3.29	42.75	3.35
	89.6	33.59	3.15	35.28	3.20	36.98	3.26	37.83	3.29	40.37	3.37	42.07	3.42
	95.0	32.56	3.27	34.26	3.32	35.95	3.38	36.80	3.40	39.34	3.49	41.04	3.54
	104.0	27.52	2.56	28.68	2.56	29.82	2.56	30.38	2.56	32.02	2.56	33.08	2.56
	109.4	21.30	1.77	22.10	1.77	22.89	1.77	23.27	1.77	24.40	1.77	25.13	1.77
	114.8	13.13	0.98	13.57	0.98	14.00	0.98	14.22	0.98	14.84	0.98	15.25	0.98
CTXS07L + FDXS09L + FTXS12L + FDXS12L	68.0	36.57	2.76	38.22	2.82	39.86	2.87	40.69	2.90	43.15	2.98	44.80	3.04
	77.0	34.91	2.93	36.56	2.98	38.20	3.04	39.02	3.07	41.49	3.15	43.14	3.20
	86.0	33.25	3.11	34.90	3.16	36.54	3.22	37.36	3.25	39.83	3.33	41.47	3.39
	89.6	32.59	3.19	34.23	3.24	35.87	3.30	36.70	3.32	39.16	3.41	40.81	3.46
	95.0	31.59	3.31	33.23	3.36	34.88	3.42	35.70	3.44	38.17	3.53	39.81	3.58
	104.0	26.79	2.56	27.93	2.56	29.03	2.56	29.57	2.56	31.17	2.56	32.21	2.56
	109.4	20.85	1.77	21.63	1.77	22.39	1.77	22.77	1.77	23.87	1.77	24.58	1.77
	114.8	12.91	0.98	13.34	0.98	13.76	0.98	13.96	0.98	14.57	0.98	14.96	0.98
CTXS07L + FDXS09L + FDXS12L + FDXS12L	68.0	35.35	2.74	36.94	2.79	38.52	2.85	39.32	2.87	41.70	2.96	43.29	3.01
	77.0	33.74	2.90	35.33	2.96	36.92	3.01	37.71	3.04	40.10	3.12	41.69	3.18
	86.0	32.13	3.08	33.72	3.14	35.31	3.19	36.11	3.22	38.49	3.30	40.08	3.36
	89.6	31.49	3.16	33.08	3.21	34.67	3.27	35.46	3.30	37.85	3.38	39.44	3.43
	95.0	30.53	3.28	32.12	3.33	33.71	3.39	34.50	3.41	36.88	3.50	38.47	3.55
	104.0	26.09	2.56	27.19	2.56	28.28	2.56	28.81	2.56	30.37	2.56	31.39	2.56
	109.4	20.39	1.77	21.15	1.77	21.89	1.77	22.26	1.77	23.34	1.77	24.03	1.77
	114.8	12.66	0.98	13.08	0.98	13.49	0.98	13.69	0.98	14.29	0.98	14.67	0.98
CTXS07L + FTXS09L + FTXS12L + FTXS15L	68.0	38.93	2.73	40.68	2.78	42.43	2.84	43.31	2.87	45.93	2.95	47.68	3.00
	77.0	37.16	2.89	38.91	2.95	40.66	3.00	41.54	3.03	44.16	3.11	45.92	3.17
	86.0	35.39	3.07	37.14	3.13	38.89	3.18	39.77	3.21	42.40	3.29	44.15	3.35
	89.6	34.68	3.15	36.44	3.20	38.19	3.26	39.06	3.29	41.69	3.37	43.44	3.42
	95.0	33.62	3.27	35.37	3.32	37.12	3.38	38.00	3.40	40.63	3.49	42.38	3.54
	104.0	28.26	2.56	29.45	2.56	30.61	2.56	31.19	2.56	32.87	2.56	33.96	2.56
	109.4	21.78	1.77	22.60	1.77	23.40	1.77	23.80	1.77	24.95	1.77	25.71	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.13	0.98	15.54	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS09L + FTXS12L + CDXS15L	68.0	37.80	2.77	39.50	2.83	41.20	2.88	42.05	2.91	44.60	2.99	46.30	3.05
	77.0	36.09	2.94	37.79	2.99	39.49	3.05	40.34	3.08	42.89	3.16	44.59	3.21
	86.0	34.37	3.12	36.07	3.17	37.77	3.23	38.62	3.26	41.17	3.34	42.87	3.39
	89.6	33.68	3.20	35.38	3.25	37.08	3.31	37.93	3.33	40.48	3.42	42.18	3.47
	95.0	32.65	3.32	34.35	3.37	36.05	3.43	36.90	3.45	39.45	3.54	41.15	3.59
	104.0	27.51	2.56	28.67	2.56	29.80	2.56	30.36	2.56	31.99	2.56	33.05	2.56
	109.4	21.32	1.77	22.12	1.77	22.90	1.77	23.28	1.77	24.40	1.77	25.13	1.77
	114.8	13.15	0.98	13.59	0.98	14.02	0.98	14.23	0.98	14.85	0.98	15.26	0.98
CTXS07L + FTXS09L + FDXS12L + FTXS15L	68.0	37.80	2.71	39.50	2.77	41.20	2.82	42.05	2.85	44.60	2.93	46.30	2.98
	77.0	36.09	2.88	37.79	2.93	39.49	2.99	40.34	3.01	42.89	3.09	44.59	3.15
	86.0	34.37	3.06	36.07	3.11	37.77	3.16	38.62	3.19	41.17	3.27	42.87	3.33
	89.6	33.68	3.13	35.38	3.19	37.08	3.24	37.93	3.27	40.48	3.35	42.18	3.40
	95.0	32.65	3.25	34.35	3.30	36.05	3.36	36.90	3.38	39.45	3.46	41.15	3.52
	104.0	27.60	2.56	28.77	2.56	29.92	2.56	30.48	2.56	32.13	2.56	33.20	2.56
	109.4	21.35	1.77	22.16	1.77	22.94	1.77	23.33	1.77	24.47	1.77	25.20	1.77
	114.8	13.15	0.98	13.60	0.98	14.03	0.98	14.24	0.98	14.87	0.98	15.28	0.98
CTXS07L + FTXS09L + FDXS12L + CDXS15L	68.0	36.68	2.75	38.33	2.80	39.98	2.86	40.80	2.88	43.27	2.97	44.92	3.02
	77.0	35.01	2.91	36.66	2.97	38.31	3.02	39.13	3.05	41.61	3.13	43.26	3.19
	86.0	33.34	3.09	34.99	3.15	36.64	3.20	37.47	3.23	39.94	3.31	41.59	3.37
	89.6	32.68	3.17	34.33	3.22	35.98	3.28	36.80	3.30	39.27	3.39	40.92	3.44
	95.0	31.68	3.29	33.33	3.34	34.98	3.40	35.80	3.42	38.27	3.51	39.92	3.56
	104.0	26.88	2.56	28.01	2.56	29.12	2.56	29.67	2.56	31.27	2.56	32.31	2.56
	109.4	20.90	1.77	21.68	1.77	22.44	1.77	22.82	1.77	23.93	1.77	24.64	1.77
	114.8	12.93	0.98	13.36	0.98	13.78	0.98	13.99	0.98	14.60	0.98	14.99	0.98
CTXS07L + FDXS09L + FTXS12L + FTXS15L	68.0	37.80	2.77	39.50	2.83	41.20	2.88	42.05	2.91	44.60	2.99	46.30	3.05
	77.0	36.09	2.94	37.79	2.99	39.49	3.05	40.34	3.08	42.89	3.16	44.59	3.21
	86.0	34.37	3.12	36.07	3.17	37.77	3.23	38.62	3.26	41.17	3.34	42.87	3.39
	89.6	33.68	3.20	35.38	3.25	37.08	3.31	37.93	3.33	40.48	3.42	42.18	3.47
	95.0	32.65	3.32	34.35	3.37	36.05	3.43	36.90	3.45	39.45	3.54	41.15	3.59
	104.0	27.51	2.56	28.67	2.56	29.80	2.56	30.36	2.56	31.99	2.56	33.05	2.56
	109.4	21.32	1.77	22.12	1.77	22.90	1.77	23.28	1.77	24.40	1.77	25.13	1.77
	114.8	13.15	0.98	13.59	0.98	14.02	0.98	14.23	0.98	14.85	0.98	15.26	0.98
CTXS07L + FDXS09L + FTXS12L + CDXS15L	68.0	36.68	2.75	38.33	2.81	39.98	2.86	40.80	2.89	43.27	2.97	44.92	3.03
	77.0	35.01	2.92	36.66	2.97	38.31	3.03	39.13	3.06	41.61	3.14	43.26	3.19
	86.0	33.34	3.10	34.99	3.16	36.64	3.21	37.47	3.24	39.94	3.32	41.59	3.38
	89.6	32.68	3.18	34.33	3.23	35.98	3.29	36.80	3.31	39.27	3.40	40.92	3.45
	95.0	31.68	3.30	33.33	3.35	34.98	3.41	35.80	3.43	38.27	3.52	39.92	3.57
	104.0	26.86	2.56	28.00	2.56	29.11	2.56	29.66	2.56	31.26	2.56	32.30	2.56
	109.4	20.90	1.77	21.68	1.77	22.44	1.77	22.82	1.77	23.92	1.77	24.63	1.77
	114.8	12.93	0.98	13.36	0.98	13.78	0.98	13.99	0.98	14.59	0.98	14.99	0.98
CTXS07L + FDXS09L + FDXS12L + FTXS15L	68.0	36.68	2.70	38.33	2.75	39.98	2.81	40.80	2.83	43.27	2.91	44.92	2.97
	77.0	35.01	2.86	36.66	2.91	38.31	2.97	39.13	2.99	41.61	3.08	43.26	3.13
	86.0	33.34	3.04	34.99	3.09	36.64	3.15	37.47	3.17	39.94	3.25	41.59	3.31
	89.6	32.68	3.11	34.33	3.17	35.98	3.22	36.80	3.25	39.27	3.33	40.92	3.38
	95.0	31.68	3.23	33.33	3.28	34.98	3.34	35.80	3.36	38.27	3.44	39.92	3.50
	104.0	26.95	2.56	28.09	2.56	29.21	2.56	29.77	2.56	31.38	2.56	32.43	2.56
	109.4	20.92	1.77	21.71	1.77	22.48	1.77	22.86	1.77	23.97	1.77	24.70	1.77
	114.8	12.92	0.98	13.36	0.98	13.78	0.98	13.99	0.98	14.61	0.98	15.01	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FDXS09L + FDXS12L + CDXS15L	68.0	35.55	2.73	37.15	2.78	38.75	2.84	39.55	2.87	41.95	2.95	43.54	3.00
	77.0	33.93	2.89	35.53	2.95	37.13	3.00	37.93	3.03	40.33	3.11	41.93	3.17
	86.0	32.32	3.07	33.92	3.13	35.52	3.18	36.32	3.21	38.71	3.29	40.31	3.35
	89.6	31.67	3.15	33.27	3.20	34.87	3.26	35.67	3.29	38.07	3.37	39.67	3.42
	95.0	30.70	3.27	32.30	3.32	33.90	3.38	34.70	3.40	37.10	3.49	38.70	3.54
	104.0	26.22	2.56	27.33	2.56	28.42	2.56	28.96	2.56	30.53	2.56	31.55	2.56
	109.4	20.47	1.77	21.23	1.77	21.98	1.77	22.35	1.77	23.43	1.77	24.14	1.77
	114.8	12.70	0.98	13.12	0.98	13.53	0.98	13.74	0.98	14.34	0.98	14.72	0.98
CTXS07L + FTXS09L + FTXS12L + FTXS18L	68.0	38.93	2.74	40.68	2.79	42.43	2.85	43.31	2.87	45.93	2.96	47.68	3.01
	77.0	37.16	2.90	38.91	2.96	40.66	3.01	41.54	3.04	44.16	3.12	45.92	3.18
	86.0	35.39	3.08	37.14	3.14	38.89	3.19	39.77	3.22	42.40	3.30	44.15	3.36
	89.6	34.68	3.16	36.44	3.21	38.19	3.27	39.06	3.30	41.69	3.38	43.44	3.43
	95.0	33.62	3.28	35.37	3.33	37.12	3.39	38.00	3.41	40.63	3.50	42.38	3.55
	104.0	28.24	2.56	29.43	2.56	30.60	2.56	31.17	2.56	32.84	2.56	33.93	2.56
	109.4	21.77	1.77	22.59	1.77	23.39	1.77	23.79	1.77	24.94	1.77	25.69	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.12	0.98	15.54	0.98
CTXS07L + FTXS09L + FTXS12L + CDXS18L	68.0	37.91	2.76	39.61	2.82	41.32	2.87	42.17	2.90	44.73	2.98	46.43	3.04
	77.0	36.18	2.93	37.89	2.98	39.59	3.04	40.45	3.07	43.00	3.15	44.71	3.20
	86.0	34.46	3.11	36.17	3.16	37.87	3.22	38.72	3.25	41.28	3.33	42.98	3.39
	89.6	33.77	3.19	35.48	3.24	37.18	3.30	38.03	3.32	40.59	3.41	42.30	3.46
	95.0	32.74	3.31	34.44	3.36	36.15	3.42	37.00	3.44	39.56	3.53	41.26	3.58
	104.0	27.59	2.56	28.75	2.56	29.88	2.56	30.44	2.56	32.08	2.56	33.14	2.56
	109.4	21.37	1.77	22.16	1.77	22.95	1.77	23.33	1.77	24.46	1.77	25.19	1.77
	114.8	13.17	0.98	13.61	0.98	14.04	0.98	14.26	0.98	14.88	0.98	15.28	0.98
CTXS07L + FTXS09L + FDXS12L + FTXS18L	68.0	37.91	2.71	39.61	2.77	41.32	2.82	42.17	2.85	44.73	2.93	46.43	2.98
	77.0	36.18	2.88	37.89	2.93	39.59	2.99	40.45	3.01	43.00	3.09	44.71	3.15
	86.0	34.46	3.06	36.17	3.11	37.87	3.16	38.72	3.19	41.28	3.27	42.98	3.33
	89.6	33.77	3.13	35.48	3.19	37.18	3.24	38.03	3.27	40.59	3.35	42.30	3.40
	95.0	32.74	3.25	34.44	3.30	36.15	3.36	37.00	3.38	39.56	3.46	41.26	3.52
	104.0	27.67	2.56	28.84	2.56	29.98	2.56	30.55	2.56	32.20	2.56	33.27	2.56
	109.4	21.39	1.77	22.20	1.77	22.99	1.77	23.37	1.77	24.51	1.77	25.25	1.77
	114.8	13.17	0.98	13.62	0.98	14.05	0.98	14.27	0.98	14.89	0.98	15.30	0.98
CTXS07L + FDXS09L + FDXS12L + CDXS18L	68.0	36.78	2.74	38.43	2.79	40.09	2.85	40.91	2.87	43.40	2.96	45.05	3.01
	77.0	35.11	2.90	36.76	2.96	38.42	3.01	39.24	3.04	41.72	3.12	43.38	3.18
	86.0	33.44	3.08	35.09	3.14	36.74	3.19	37.57	3.22	40.05	3.30	41.71	3.36
	89.6	32.77	3.16	34.42	3.21	36.08	3.27	36.90	3.30	39.38	3.38	41.04	3.43
	95.0	31.77	3.28	33.42	3.33	35.07	3.39	35.90	3.41	38.38	3.50	40.03	3.55
	104.0	26.95	2.56	28.09	2.56	29.20	2.56	29.75	2.56	31.36	2.56	32.40	2.56
	109.4	20.94	1.77	21.73	1.77	22.49	1.77	22.87	1.77	23.98	1.77	24.70	1.77
	114.8	12.95	0.98	13.38	0.98	13.80	0.98	14.01	0.98	14.62	0.98	15.02	0.98
CTXS07L + FDXS09L + FTXS12L + FTXS18L	68.0	37.91	2.77	39.61	2.83	41.32	2.88	42.17	2.91	44.73	2.99	46.43	3.05
	77.0	36.18	2.94	37.89	2.99	39.59	3.05	40.45	3.08	43.00	3.16	44.71	3.21
	86.0	34.46	3.12	36.17	3.17	37.87	3.23	38.72	3.26	41.28	3.34	42.98	3.39
	89.6	33.77	3.20	35.48	3.25	37.18	3.31	38.03	3.33	40.59	3.42	42.30	3.47
	95.0	32.74	3.32	34.44	3.37	36.15	3.43	37.00	3.45	39.56	3.54	41.26	3.59
	104.0	27.58	2.56	28.74	2.56	29.87	2.56	30.43	2.56	32.06	2.56	33.12	2.56
	109.4	21.36	1.77	22.16	1.77	22.94	1.77	23.32	1.77	24.45	1.77	25.18	1.77
	114.8	13.17	0.98	13.61	0.98	14.04	0.98	14.25	0.98	14.88	0.98	15.28	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FDXS09L + FTXS12L + CDXS18L	68.0	36.78	2.74	38.43	2.79	40.09	2.85	40.91	2.87	43.40	2.96	45.05	3.01
	77.0	35.11	2.90	36.76	2.96	38.42	3.01	39.24	3.04	41.72	3.12	43.38	3.18
	86.0	33.44	3.08	35.09	3.14	36.74	3.19	37.57	3.22	40.05	3.30	41.71	3.36
	89.6	32.77	3.16	34.42	3.21	36.08	3.27	36.90	3.30	39.38	3.38	41.04	3.43
	95.0	31.77	3.28	33.42	3.33	35.07	3.39	35.90	3.41	38.38	3.50	40.03	3.55
	104.0	26.95	2.56	28.09	2.56	29.20	2.56	29.75	2.56	31.36	2.56	32.40	2.56
	109.4	20.94	1.77	21.73	1.77	22.49	1.77	22.87	1.77	23.98	1.77	24.70	1.77
	114.8	12.95	0.98	13.38	0.98	13.80	0.98	14.01	0.98	14.62	0.98	15.02	0.98
CTXS07L + FDXS09L + FDXS12L + FTXS18L	68.0	36.78	2.70	38.43	2.75	40.09	2.81	40.91	2.83	43.40	2.91	45.05	2.97
	77.0	35.11	2.86	36.76	2.91	38.42	2.97	39.24	2.99	41.72	3.08	43.38	3.13
	86.0	33.44	3.04	35.09	3.09	36.74	3.15	37.57	3.17	40.05	3.25	41.71	3.31
	89.6	32.77	3.11	34.42	3.17	36.08	3.22	36.90	3.25	39.38	3.33	41.04	3.38
	95.0	31.77	3.23	33.42	3.28	35.07	3.34	35.90	3.36	38.38	3.44	40.03	3.50
	104.0	27.01	2.56	28.16	2.56	29.28	2.56	29.83	2.56	31.45	2.56	32.50	2.56
	109.4	20.96	1.77	21.75	1.77	22.52	1.77	22.90	1.77	24.02	1.77	24.74	1.77
	114.8	12.95	0.98	13.38	0.98	13.81	0.98	14.02	0.98	14.63	0.98	15.03	0.98
CTXS07L + FDXS09L + FDXS12L + CDXS18L	68.0	35.76	2.78	37.36	2.83	38.97	2.89	39.78	2.92	42.19	3.00	43.79	3.06
	77.0	34.13	2.95	35.74	3.00	37.35	3.06	38.15	3.08	40.56	3.17	42.17	3.22
	86.0	32.51	3.13	34.11	3.18	35.72	3.24	36.53	3.27	38.94	3.35	40.54	3.40
	89.6	31.86	3.21	33.46	3.26	35.07	3.32	35.88	3.34	38.29	3.43	39.89	3.48
	95.0	30.88	3.33	32.49	3.38	34.10	3.44	34.90	3.46	37.31	3.55	38.92	3.60
	104.0	26.29	2.56	27.40	2.56	28.48	2.56	29.02	2.56	30.58	2.56	31.60	2.56
	109.4	20.54	1.77	21.30	1.77	22.05	1.77	22.41	1.77	23.49	1.77	24.19	1.77
	114.8	12.75	0.98	13.17	0.98	13.58	0.98	13.78	0.98	14.38	0.98	14.77	0.98
CTXS07L + FTXS09L + FTXS15L + FTXS15L	68.0	38.93	2.76	40.68	2.82	42.43	2.87	43.31	2.90	45.93	2.98	47.68	3.04
	77.0	37.16	2.93	38.91	2.98	40.66	3.04	41.54	3.07	44.16	3.15	45.92	3.20
	86.0	35.39	3.11	37.14	3.16	38.89	3.22	39.77	3.25	42.40	3.33	44.15	3.39
	89.6	34.68	3.19	36.44	3.24	38.19	3.30	39.06	3.32	41.69	3.41	43.44	3.46
	95.0	33.62	3.31	35.37	3.36	37.12	3.42	38.00	3.44	40.63	3.53	42.38	3.58
	104.0	28.20	2.56	29.38	2.56	30.54	2.56	31.11	2.56	32.78	2.56	33.86	2.56
	109.4	21.76	1.77	22.57	1.77	23.37	1.77	23.76	1.77	24.91	1.77	25.66	1.77
	114.8	13.38	0.98	13.83	0.98	14.26	0.98	14.48	0.98	15.12	0.98	15.53	0.98
CTXS07L + FTXS09L + FTXS15L + CDXS15L	68.0	37.91	2.75	39.61	2.80	41.32	2.86	42.17	2.88	44.73	2.97	46.43	3.02
	77.0	36.18	2.91	37.89	2.97	39.59	3.02	40.45	3.05	43.00	3.13	44.71	3.19
	86.0	34.46	3.09	36.17	3.15	37.87	3.20	38.72	3.23	41.28	3.31	42.98	3.37
	89.6	33.77	3.17	35.48	3.22	37.18	3.28	38.03	3.30	40.59	3.39	42.30	3.44
	95.0	32.74	3.29	34.44	3.34	36.15	3.40	37.00	3.42	39.56	3.51	41.26	3.56
	104.0	27.61	2.56	28.78	2.56	29.92	2.56	30.48	2.56	32.12	2.56	33.18	2.56
	109.4	21.37	1.77	22.17	1.77	22.96	1.77	23.34	1.77	24.47	1.77	25.21	1.77
	114.8	13.17	0.98	13.61	0.98	14.05	0.98	14.26	0.98	14.88	0.98	15.29	0.98
CTXS07L + FTXS09L + CDXS15L + CDXS15L	68.0	36.78	2.73	38.43	2.78	40.09	2.84	40.91	2.87	43.40	2.95	45.05	3.00
	77.0	35.11	2.89	36.76	2.95	38.42	3.00	39.24	3.03	41.72	3.11	43.38	3.17
	86.0	33.44	3.07	35.09	3.13	36.74	3.18	37.57	3.21	40.05	3.29	41.71	3.35
	89.6	32.77	3.15	34.42	3.20	36.08	3.26	36.90	3.29	39.38	3.37	41.04	3.42
	95.0	31.77	3.27	33.42	3.32	35.07	3.38	35.90	3.40	38.38	3.49	40.03	3.54
	104.0	26.96	2.56	28.10	2.56	29.22	2.56	29.77	2.56	31.38	2.56	32.42	2.56
	109.4	20.94	1.77	21.73	1.77	22.50	1.77	22.88	1.77	23.99	1.77	24.71	1.77
	114.8	12.95	0.98	13.38	0.98	13.80	0.98	14.01	0.98	14.62	0.98	15.02	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FDXS09L + FTXS15L + FTXS15L	68.0	37.91	2.75	39.61	2.80	41.32	2.86	42.17	2.88	44.73	2.97	46.43	3.02
	77.0	36.18	2.91	37.89	2.97	39.59	3.02	40.45	3.05	43.00	3.13	44.71	3.19
	86.0	34.46	3.09	36.17	3.15	37.87	3.20	38.72	3.23	41.28	3.31	42.98	3.37
	89.6	33.77	3.17	35.48	3.22	37.18	3.28	38.03	3.30	40.59	3.39	42.30	3.44
	95.0	32.74	3.29	34.44	3.34	36.15	3.40	37.00	3.42	39.56	3.51	41.26	3.56
	104.0	27.61	2.56	28.78	2.56	29.92	2.56	30.48	2.56	32.12	2.56	33.18	2.56
	109.4	21.37	1.77	22.17	1.77	22.96	1.77	23.34	1.77	24.47	1.77	25.21	1.77
	114.8	13.17	0.98	13.61	0.98	14.05	0.98	14.26	0.98	14.88	0.98	15.29	0.98
CTXS07L + FDXS09L + FTXS15L + CDXS15L	68.0	36.78	2.73	38.43	2.78	40.09	2.84	40.91	2.87	43.40	2.95	45.05	3.00
	77.0	35.11	2.89	36.76	2.95	38.42	3.00	39.24	3.03	41.72	3.11	43.38	3.17
	86.0	33.44	3.07	35.09	3.13	36.74	3.18	37.57	3.21	40.05	3.29	41.71	3.35
	89.6	32.77	3.15	34.42	3.20	36.08	3.26	36.90	3.29	39.38	3.37	41.04	3.42
	95.0	31.77	3.27	33.42	3.32	35.07	3.38	35.90	3.40	38.38	3.49	40.03	3.54
	104.0	26.96	2.56	28.10	2.56	29.22	2.56	29.77	2.56	31.38	2.56	32.42	2.56
	109.4	20.94	1.77	21.73	1.77	22.50	1.77	22.88	1.77	23.99	1.77	24.71	1.77
	114.8	12.95	0.98	13.38	0.98	13.80	0.98	14.01	0.98	14.62	0.98	15.02	0.98
CTXS07L + FDXS09L + CDXS15L + CDXS15L	68.0	35.76	2.77	37.36	2.83	38.97	2.88	39.78	2.91	42.19	2.99	43.79	3.05
	77.0	34.13	2.94	35.74	2.99	37.35	3.05	38.15	3.08	40.56	3.16	42.17	3.21
	86.0	32.51	3.12	34.11	3.17	35.72	3.23	36.53	3.26	38.94	3.34	40.54	3.39
	89.6	31.86	3.20	33.46	3.25	35.07	3.31	35.88	3.33	38.29	3.42	39.89	3.47
	95.0	30.88	3.32	32.49	3.37	34.10	3.43	34.90	3.45	37.31	3.54	38.92	3.59
	104.0	26.30	2.56	27.41	2.56	28.49	2.56	29.03	2.56	30.60	2.56	31.61	2.56
	109.4	20.54	1.77	21.30	1.77	22.05	1.77	22.42	1.77	23.50	1.77	24.20	1.77
	114.8	12.75	0.98	13.17	0.98	13.58	0.98	13.78	0.98	14.38	0.98	14.77	0.98
CTXS07L + FTXS12L + FTXS12L + FTXS12L	68.0	38.93	2.75	40.68	2.81	42.43	2.86	43.31	2.89	45.93	2.97	47.68	3.03
	77.0	37.16	2.92	38.91	2.97	40.66	3.03	41.54	3.06	44.16	3.14	45.92	3.19
	86.0	35.39	3.10	37.14	3.16	38.89	3.21	39.77	3.24	42.40	3.32	44.15	3.38
	89.6	34.68	3.18	36.44	3.23	38.19	3.29	39.06	3.31	41.69	3.40	43.44	3.45
	95.0	33.62	3.30	35.37	3.35	37.12	3.41	38.00	3.43	40.63	3.52	42.38	3.57
	104.0	28.21	2.56	29.40	2.56	30.56	2.56	31.13	2.56	32.80	2.56	33.89	2.56
	109.4	21.76	1.77	22.58	1.77	23.38	1.77	23.77	1.77	24.92	1.77	25.67	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.48	0.98	15.12	0.98	15.53	0.98
CTXS07L + FTXS12L + FTXS12L + FDXS12L	68.0	37.80	2.73	39.50	2.78	41.20	2.84	42.05	2.87	44.60	2.95	46.30	3.00
	77.0	36.09	2.89	37.79	2.95	39.49	3.00	40.34	3.03	42.89	3.11	44.59	3.17
	86.0	34.37	3.07	36.07	3.13	37.77	3.18	38.62	3.21	41.17	3.29	42.87	3.35
	89.6	33.68	3.15	35.38	3.20	37.08	3.26	37.93	3.29	40.48	3.37	42.18	3.42
	95.0	32.65	3.27	34.35	3.32	36.05	3.38	36.90	3.40	39.45	3.49	41.15	3.54
	104.0	27.58	2.56	28.74	2.56	29.88	2.56	30.44	2.56	32.09	2.56	33.15	2.56
	109.4	21.34	1.77	22.14	1.77	22.93	1.77	23.31	1.77	24.45	1.77	25.18	1.77
	114.8	13.15	0.98	13.59	0.98	14.03	0.98	14.24	0.98	14.86	0.98	15.27	0.98
CTXS07L + FTXS12L + FDXS12L + FDXS12L	68.0	36.68	2.76	38.33	2.82	39.98	2.87	40.80	2.90	43.27	2.98	44.92	3.04
	77.0	35.01	2.93	36.66	2.98	38.31	3.04	39.13	3.07	41.61	3.15	43.26	3.20
	86.0	33.34	3.11	34.99	3.16	36.64	3.22	37.47	3.25	39.94	3.33	41.59	3.39
	89.6	32.68	3.19	34.33	3.24	35.98	3.30	36.80	3.32	39.27	3.41	40.92	3.46
	95.0	31.68	3.31	33.33	3.36	34.98	3.42	35.80	3.44	38.27	3.53	39.92	3.58
	104.0	26.85	2.56	27.99	2.56	29.10	2.56	29.64	2.56	31.24	2.56	32.28	2.56
	109.4	20.89	1.77	21.67	1.77	22.43	1.77	22.81	1.77	23.91	1.77	24.63	1.77
	114.8	12.93	0.98	13.36	0.98	13.78	0.98	13.99	0.98	14.59	0.98	14.99	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FDXS12L + FDXS12L + FDXS12L	68.0	35.55	2.74	37.15	2.79	38.75	2.85	39.55	2.87	41.95	2.96	43.54	3.01
	77.0	33.93	2.90	35.53	2.96	37.13	3.01	37.93	3.04	40.33	3.12	41.93	3.18
	86.0	32.32	3.08	33.92	3.14	35.52	3.19	36.32	3.22	38.71	3.30	40.31	3.36
	89.6	31.67	3.16	33.27	3.21	34.87	3.27	35.67	3.30	38.07	3.38	39.67	3.43
	95.0	30.70	3.28	32.30	3.33	33.90	3.39	34.70	3.41	37.10	3.50	38.70	3.55
	104.0	26.21	2.56	27.32	2.56	28.41	2.56	28.94	2.56	30.51	2.56	31.53	2.56
	109.4	20.47	1.77	21.23	1.77	21.98	1.77	22.35	1.77	23.43	1.77	24.13	1.77
	114.8	12.70	0.98	13.12	0.98	13.53	0.98	13.74	0.98	14.33	0.98	14.72	0.98
CTXS07L + FTXS12L + FTXS12L + FTXS15L	68.0	38.93	2.74	40.68	2.79	42.43	2.85	43.31	2.87	45.93	2.96	47.68	3.01
	77.0	37.16	2.90	38.91	2.96	40.66	3.01	41.54	3.04	44.16	3.12	45.92	3.18
	86.0	35.39	3.08	37.14	3.14	38.89	3.19	39.77	3.22	42.40	3.30	44.15	3.36
	89.6	34.68	3.16	36.44	3.21	38.19	3.27	39.06	3.30	41.69	3.38	43.44	3.43
	95.0	33.62	3.28	35.37	3.33	37.12	3.39	38.00	3.41	40.63	3.50	42.38	3.55
	104.0	28.24	2.56	29.43	2.56	30.60	2.56	31.17	2.56	32.84	2.56	33.93	2.56
	109.4	21.77	1.77	22.59	1.77	23.39	1.77	23.79	1.77	24.94	1.77	25.69	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.12	0.98	15.54	0.98
CTXS07L + FTXS12L + FTXS12L + CDXS15L	68.0	37.91	2.77	39.61	2.83	41.32	2.88	42.17	2.91	44.73	2.99	46.43	3.05
	77.0	36.18	2.94	37.89	2.99	39.59	3.05	40.45	3.08	43.00	3.16	44.71	3.21
	86.0	34.46	3.12	36.17	3.17	37.87	3.23	38.72	3.26	41.28	3.34	42.98	3.39
	89.6	33.77	3.20	35.48	3.25	37.18	3.31	38.03	3.33	40.59	3.42	42.30	3.47
	95.0	32.74	3.32	34.44	3.37	36.15	3.43	37.00	3.45	39.56	3.54	41.26	3.59
	104.0	27.58	2.56	28.74	2.56	29.87	2.56	30.43	2.56	32.06	2.56	33.12	2.56
	109.4	21.36	1.77	22.16	1.77	22.94	1.77	23.32	1.77	24.45	1.77	25.18	1.77
	114.8	13.17	0.98	13.61	0.98	14.04	0.98	14.25	0.98	14.88	0.98	15.28	0.98
CTXS07L + FTXS12L + FDXS12L + CDXS15L	68.0	37.91	2.71	39.61	2.77	41.32	2.82	42.17	2.85	44.73	2.93	46.43	2.98
	77.0	36.18	2.88	37.89	2.93	39.59	2.99	40.45	3.01	43.00	3.09	44.71	3.15
	86.0	34.46	3.06	36.17	3.11	37.87	3.16	38.72	3.19	41.28	3.27	42.98	3.33
	89.6	33.77	3.13	35.48	3.19	37.18	3.24	38.03	3.27	40.59	3.35	42.30	3.40
	95.0	32.74	3.25	34.44	3.30	36.15	3.36	37.00	3.38	39.56	3.46	41.26	3.52
	104.0	27.67	2.56	28.84	2.56	29.98	2.56	30.55	2.56	32.20	2.56	33.27	2.56
	109.4	21.39	1.77	22.20	1.77	22.99	1.77	23.37	1.77	24.51	1.77	25.25	1.77
	114.8	13.17	0.98	13.62	0.98	14.05	0.98	14.27	0.98	14.89	0.98	15.30	0.98
CTXS07L + FDXS12L + FTXS12L + FTXS15L	68.0	36.78	2.75	38.43	2.81	40.09	2.86	40.91	2.89	43.40	2.97	45.05	3.03
	77.0	35.11	2.92	36.76	2.97	38.42	3.03	39.24	3.06	41.72	3.14	43.38	3.19
	86.0	33.44	3.10	35.09	3.16	36.74	3.21	37.57	3.24	40.05	3.32	41.71	3.38
	89.6	32.77	3.18	34.42	3.23	36.08	3.29	36.90	3.31	39.38	3.40	41.04	3.45
	95.0	31.77	3.30	33.42	3.35	35.07	3.41	35.90	3.43	38.38	3.52	40.03	3.57
	104.0	26.93	2.56	28.06	2.56	29.18	2.56	29.72	2.56	31.33	2.56	32.37	2.56
	109.4	20.94	1.77	21.72	1.77	22.48	1.77	22.86	1.77	23.96	1.77	24.68	1.77
	114.8	12.95	0.98	13.38	0.98	13.80	0.98	14.01	0.98	14.62	0.98	15.02	0.98
CTXS07L + FDXS12L + FTXS12L + CDXS15L	68.0	36.78	2.70	38.43	2.75	40.09	2.81	40.91	2.83	43.40	2.91	45.05	2.97
	77.0	35.11	2.86	36.76	2.91	38.42	2.97	39.24	2.99	41.72	3.08	43.38	3.13
	86.0	33.44	3.04	35.09	3.09	36.74	3.15	37.57	3.17	40.05	3.25	41.71	3.31
	89.6	32.77	3.11	34.42	3.17	36.08	3.22	36.90	3.25	39.38	3.33	41.04	3.38
	95.0	31.77	3.23	33.42	3.28	35.07	3.34	35.90	3.36	38.38	3.44	40.03	3.50
	104.0	27.01	2.56	28.16	2.56	29.28	2.56	29.83	2.56	31.45	2.56	32.50	2.56
	109.4	20.96	1.77	21.75	1.77	22.52	1.77	22.90	1.77	24.02	1.77	24.74	1.77
	114.8	12.95	0.98	13.38	0.98	13.81	0.98	14.02	0.98	14.63	0.98	15.03	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FDXS12L + FDXS12L + CDXS15L	68.0	35.76	2.73	37.36	2.78	38.97	2.84	39.78	2.87	42.19	2.95	43.79	3.00
	77.0	34.13	2.89	35.74	2.95	37.35	3.00	38.15	3.03	40.56	3.11	42.17	3.17
	86.0	32.51	3.07	34.11	3.13	35.72	3.18	36.53	3.21	38.94	3.29	40.54	3.35
	89.6	31.86	3.15	33.46	3.20	35.07	3.26	35.88	3.29	38.29	3.37	39.89	3.42
	95.0	30.88	3.27	32.49	3.32	34.10	3.38	34.90	3.40	37.31	3.49	38.92	3.54
	104.0	26.34	2.56	27.46	2.56	28.55	2.56	29.09	2.56	30.67	2.56	31.69	2.56
	109.4	20.55	1.77	21.32	1.77	22.07	1.77	22.44	1.77	23.53	1.77	24.23	1.77
	114.8	12.74	0.98	13.16	0.98	13.58	0.98	13.78	0.98	14.38	0.98	14.77	0.98
FTXS09L + FTXS09L + FTXS09L + FTXS09L	68.0	38.93	2.75	40.68	2.80	42.43	2.86	43.31	2.88	45.93	2.97	47.68	3.02
	77.0	37.16	2.91	38.91	2.97	40.66	3.02	41.54	3.05	44.16	3.13	45.92	3.19
	86.0	35.39	3.09	37.14	3.15	38.89	3.20	39.77	3.23	42.40	3.31	44.15	3.37
	89.6	34.68	3.17	36.44	3.22	38.19	3.28	39.06	3.30	41.69	3.39	43.44	3.44
	95.0	33.62	3.29	35.37	3.34	37.12	3.40	38.00	3.42	40.63	3.51	42.38	3.56
	104.0	28.23	2.56	29.41	2.56	30.58	2.56	31.15	2.56	32.82	2.56	33.91	2.56
	109.4	21.77	1.77	22.59	1.77	23.39	1.77	23.78	1.77	24.93	1.77	25.68	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.48	0.98	15.12	0.98	15.54	0.98
FTXS09L + FTXS09L + FTXS09L + FDXS09L	68.0	37.70	2.72	39.40	2.78	41.09	2.83	41.94	2.86	44.48	2.94	46.18	2.99
	77.0	35.99	2.89	37.68	2.94	39.38	2.99	40.23	3.02	42.77	3.10	44.47	3.16
	86.0	34.27	3.06	35.97	3.12	37.67	3.17	38.51	3.20	41.06	3.28	42.75	3.34
	89.6	33.59	3.14	35.28	3.19	36.98	3.25	37.83	3.28	40.37	3.36	42.07	3.41
	95.0	32.56	3.26	34.26	3.31	35.95	3.37	36.80	3.39	39.34	3.47	41.04	3.53
	104.0	27.53	2.56	28.69	2.56	29.83	2.56	30.39	2.56	32.04	2.56	33.10	2.56
	109.4	21.31	1.77	22.11	1.77	22.89	1.77	23.28	1.77	24.41	1.77	25.14	1.77
	114.8	13.13	0.98	13.57	0.98	14.00	0.98	14.22	0.98	14.84	0.98	15.25	0.98
FTXS09L + FTXS09L + FDXS09L + FDXS09L	68.0	36.37	2.76	38.01	2.82	39.64	2.87	40.46	2.90	42.91	2.98	44.55	3.04
	77.0	34.72	2.93	36.35	2.98	37.99	3.04	38.81	3.07	41.26	3.15	42.89	3.20
	86.0	33.06	3.11	34.70	3.16	36.34	3.22	37.15	3.25	39.61	3.33	41.24	3.39
	89.6	32.40	3.19	34.04	3.24	35.67	3.30	36.49	3.32	38.95	3.41	40.58	3.46
	95.0	31.41	3.31	33.05	3.36	34.68	3.42	35.50	3.44	37.95	3.53	39.59	3.58
	104.0	26.67	2.56	27.80	2.56	28.90	2.56	29.44	2.56	31.03	2.56	32.06	2.56
	109.4	20.78	1.77	21.55	1.77	22.31	1.77	22.68	1.77	23.77	1.77	24.49	1.77
	114.8	12.87	0.98	13.29	0.98	13.71	0.98	13.92	0.98	14.52	0.98	14.92	0.98
FTXS09L + FDXS09L + FDXS09L + FDXS09L	68.0	35.14	2.69	36.72	2.74	38.30	2.80	39.09	2.82	41.46	2.90	43.04	2.96
	77.0	33.54	2.85	35.12	2.91	36.70	2.96	37.49	2.99	39.86	3.07	41.44	3.12
	86.0	31.95	3.03	33.53	3.08	35.11	3.14	35.90	3.16	38.27	3.24	39.85	3.30
	89.6	31.31	3.10	32.89	3.16	34.47	3.21	35.26	3.24	37.63	3.32	39.21	3.37
	95.0	30.35	3.22	31.93	3.27	33.51	3.33	34.30	3.35	36.67	3.43	38.25	3.49
	104.0	26.02	2.56	27.13	2.56	28.22	2.56	28.75	2.56	30.32	2.56	31.34	2.56
	109.4	20.32	1.77	21.08	1.77	21.83	1.77	22.20	1.77	23.28	1.77	23.98	1.77
	114.8	12.61	0.98	13.03	0.98	13.45	0.98	13.65	0.98	14.24	0.98	14.63	0.98
FDXS09L + FDXS09L + FDXS09L + FDXS09L	68.0	33.81	3.13	35.33	3.19	36.85	3.26	37.61	3.29	39.89	3.38	41.41	3.44
	77.0	32.27	3.32	33.79	3.38	35.31	3.45	36.07	3.48	38.35	3.57	39.87	3.63
	86.0	30.74	3.53	32.26	3.59	33.78	3.65	34.54	3.68	36.82	3.78	38.34	3.84
	89.6	30.12	3.61	31.64	3.68	33.16	3.74	33.92	3.77	36.20	3.86	37.64	3.87
	95.0	29.20	3.75	30.72	3.81	32.24	3.87	32.98	3.87	35.17	3.87	36.59	3.87
	104.0	25.23	2.56	26.25	2.56	27.24	2.56	27.73	2.56	29.17	2.56	30.11	2.56
	109.4	20.03	1.77	20.73	1.77	21.41	1.77	21.75	1.77	22.74	1.77	23.39	1.77
	114.8	12.59	0.98	12.97	0.98	13.35	0.98	13.54	0.98	14.08	0.98	14.44	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS09L + FTXS09L + FTXS12L	68.0	38.93	2.75	40.68	2.80	42.43	2.86	43.31	2.88	45.93	2.97	47.68	3.02
	77.0	37.16	2.91	38.91	2.97	40.66	3.02	41.54	3.05	44.16	3.13	45.92	3.19
	86.0	35.39	3.09	37.14	3.15	38.89	3.20	39.77	3.23	42.40	3.31	44.15	3.37
	89.6	34.68	3.17	36.44	3.22	38.19	3.28	39.06	3.30	41.69	3.39	43.44	3.44
	95.0	33.62	3.29	35.37	3.34	37.12	3.40	38.00	3.42	40.63	3.51	42.38	3.56
	104.0	28.23	2.56	29.41	2.56	30.58	2.56	31.15	2.56	32.82	2.56	33.91	2.56
	109.4	21.77	1.77	22.59	1.77	23.39	1.77	23.78	1.77	24.93	1.77	25.68	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.48	0.98	15.12	0.98	15.54	0.98
FTXS09L + FTXS09L + FTXS09L + FDXS12L	68.0	37.70	2.72	39.40	2.78	41.09	2.83	41.94	2.86	44.48	2.94	46.18	2.99
	77.0	35.99	2.89	37.68	2.94	39.38	2.99	40.23	3.02	42.77	3.10	44.47	3.16
	86.0	34.27	3.06	35.97	3.12	37.67	3.17	38.51	3.20	41.06	3.28	42.75	3.34
	89.6	33.59	3.14	35.28	3.19	36.98	3.25	37.83	3.28	40.37	3.36	42.07	3.41
	95.0	32.56	3.26	34.26	3.31	35.95	3.37	36.80	3.39	39.34	3.47	41.04	3.53
	104.0	27.53	2.56	28.69	2.56	29.83	2.56	30.39	2.56	32.04	2.56	33.10	2.56
	109.4	21.31	1.77	22.11	1.77	22.89	1.77	23.28	1.77	24.41	1.77	25.14	1.77
	114.8	13.13	0.98	13.57	0.98	14.00	0.98	14.22	0.98	14.84	0.98	15.25	0.98
FTXS09L + FTXS09L + FDXS09L + FTXS12L	68.0	37.70	2.73	39.40	2.78	41.09	2.84	41.94	2.87	44.48	2.95	46.18	3.00
	77.0	35.99	2.89	37.68	2.95	39.38	3.00	40.23	3.03	42.77	3.11	44.47	3.17
	86.0	34.27	3.07	35.97	3.13	37.67	3.18	38.51	3.21	41.06	3.29	42.75	3.35
	89.6	33.59	3.15	35.28	3.20	36.98	3.26	37.83	3.29	40.37	3.37	42.07	3.42
	95.0	32.56	3.27	34.26	3.32	35.95	3.38	36.80	3.40	39.34	3.49	41.04	3.54
	104.0	27.52	2.56	28.68	2.56	29.82	2.56	30.38	2.56	32.02	2.56	33.08	2.56
	109.4	21.30	1.77	22.10	1.77	22.89	1.77	23.27	1.77	24.40	1.77	25.13	1.77
	114.8	13.13	0.98	13.57	0.98	14.00	0.98	14.22	0.98	14.84	0.98	15.25	0.98
FTXS09L + FTXS09L + FDXS09L + FDXS12L	68.0	36.57	2.76	38.22	2.82	39.86	2.87	40.69	2.90	43.15	2.98	44.80	3.04
	77.0	34.91	2.93	36.56	2.98	38.20	3.04	39.02	3.07	41.49	3.15	43.14	3.20
	86.0	33.25	3.11	34.90	3.16	36.54	3.22	37.36	3.25	39.83	3.33	41.47	3.39
	89.6	32.59	3.19	34.23	3.24	35.87	3.30	36.70	3.32	39.16	3.41	40.81	3.46
	95.0	31.59	3.31	33.23	3.36	34.88	3.42	35.70	3.44	38.17	3.53	39.81	3.58
	104.0	26.79	2.56	27.93	2.56	29.03	2.56	29.57	2.56	31.17	2.56	32.21	2.56
	109.4	20.85	1.77	21.63	1.77	22.39	1.77	22.77	1.77	23.87	1.77	24.58	1.77
	114.8	12.91	0.98	13.34	0.98	13.76	0.98	13.96	0.98	14.57	0.98	14.96	0.98
FTXS09L + FDXS09L + FDXS09L + FTXS12L	68.0	36.57	2.77	38.22	2.83	39.86	2.88	40.69	2.91	43.15	2.99	44.80	3.05
	77.0	34.91	2.94	36.56	2.99	38.20	3.05	39.02	3.08	41.49	3.16	43.14	3.21
	86.0	33.25	3.12	34.90	3.17	36.54	3.23	37.36	3.26	39.83	3.34	41.47	3.39
	89.6	32.59	3.20	34.23	3.25	35.87	3.31	36.70	3.33	39.16	3.42	40.81	3.47
	95.0	31.59	3.32	33.23	3.37	34.88	3.43	35.70	3.45	38.17	3.54	39.81	3.59
	104.0	26.78	2.56	27.91	2.56	29.02	2.56	29.56	2.56	31.15	2.56	32.19	2.56
	109.4	20.85	1.77	21.63	1.77	22.39	1.77	22.76	1.77	23.86	1.77	24.57	1.77
	114.8	12.91	0.98	13.34	0.98	13.76	0.98	13.96	0.98	14.57	0.98	14.96	0.98
FTXS09L + FDXS09L + FDXS09L + FDXS12L	68.0	35.35	2.75	36.94	2.80	38.52	2.86	39.32	2.88	41.70	2.97	43.29	3.02
	77.0	33.74	2.91	35.33	2.97	36.92	3.02	37.71	3.05	40.10	3.13	41.69	3.19
	86.0	32.13	3.09	33.72	3.15	35.31	3.20	36.11	3.23	38.49	3.31	40.08	3.37
	89.6	31.49	3.17	33.08	3.22	34.67	3.28	35.46	3.30	37.85	3.39	39.44	3.44
	95.0	30.53	3.29	32.12	3.34	33.71	3.40	34.50	3.42	36.88	3.51	38.47	3.56
	104.0	26.08	2.56	27.18	2.56	28.26	2.56	28.80	2.56	30.36	2.56	31.37	2.56
	109.4	20.38	1.77	21.14	1.77	21.89	1.77	22.25	1.77	23.33	1.77	24.03	1.77
	114.8	12.66	0.98	13.08	0.98	13.49	0.98	13.69	0.98	14.29	0.98	14.67	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FDXS09L + FDXS09L + FTXS12L	68.0	35.35	2.69	36.94	2.74	38.52	2.80	39.32	2.82	41.70	2.90	43.29	2.96
	77.0	33.74	2.85	35.33	2.91	36.92	2.96	37.71	2.99	40.10	3.07	41.69	3.12
	86.0	32.13	3.03	33.72	3.08	35.31	3.14	36.11	3.16	38.49	3.24	40.08	3.30
	89.6	31.49	3.10	33.08	3.16	34.67	3.21	35.46	3.24	37.85	3.32	39.44	3.37
	95.0	30.53	3.22	32.12	3.27	33.71	3.33	34.50	3.35	36.88	3.43	38.47	3.49
	104.0	26.15	2.56	27.26	2.56	28.35	2.56	28.89	2.56	30.47	2.56	31.49	2.56
	109.4	20.40	1.77	21.17	1.77	21.92	1.77	22.29	1.77	23.37	1.77	24.08	1.77
	114.8	12.65	0.98	13.08	0.98	13.49	0.98	13.69	0.98	14.29	0.98	14.68	0.98
FDXS09L + FDXS09L + FDXS09L + FDXS12L	68.0	34.12	2.62	35.65	2.67	37.18	2.72	37.95	2.75	40.25	2.83	41.79	2.88
	77.0	32.57	2.78	34.10	2.83	35.63	2.88	36.40	2.91	38.70	2.98	40.24	3.04
	86.0	31.02	2.95	32.55	3.00	34.08	3.05	34.85	3.08	37.15	3.16	38.69	3.21
	89.6	30.39	3.02	31.93	3.07	33.46	3.12	34.23	3.15	36.53	3.23	38.07	3.28
	95.0	29.46	3.13	31.00	3.19	32.53	3.24	33.30	3.26	35.60	3.34	37.14	3.39
	104.0	25.49	2.56	26.59	2.56	27.67	2.56	28.20	2.56	29.75	2.56	30.76	2.56
	109.4	19.94	1.77	20.70	1.77	21.44	1.77	21.80	1.77	22.88	1.77	23.57	1.77
	114.8	12.40	0.98	12.81	0.98	13.22	0.98	13.42	0.98	14.01	0.98	14.40	0.98
FTXS09L + FTXS09L + FTXS09L + FTXS15L	68.0	38.93	2.73	40.68	2.78	42.43	2.84	43.31	2.87	45.93	2.95	47.68	3.00
	77.0	37.16	2.89	38.91	2.95	40.66	3.00	41.54	3.03	44.16	3.11	45.92	3.17
	86.0	35.39	3.07	37.14	3.13	38.89	3.18	39.77	3.21	42.40	3.29	44.15	3.35
	89.6	34.68	3.15	36.44	3.20	38.19	3.26	39.06	3.29	41.69	3.37	43.44	3.42
	95.0	33.62	3.27	35.37	3.32	37.12	3.38	38.00	3.40	40.63	3.49	42.38	3.54
	104.0	28.26	2.56	29.45	2.56	30.61	2.56	31.19	2.56	32.87	2.56	33.96	2.56
	109.4	21.78	1.77	22.60	1.77	23.40	1.77	23.80	1.77	24.95	1.77	25.71	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.13	0.98	15.54	0.98
FTXS09L + FTXS09L + FTXS09L + CDXS15L	68.0	37.80	2.77	39.50	2.83	41.20	2.88	42.05	2.91	44.60	2.99	46.30	3.05
	77.0	36.09	2.94	37.79	2.99	39.49	3.05	40.34	3.08	42.89	3.16	44.59	3.21
	86.0	34.37	3.12	36.07	3.17	37.77	3.23	38.62	3.26	41.17	3.34	42.87	3.39
	89.6	33.68	3.20	35.38	3.25	37.08	3.31	37.93	3.33	40.48	3.42	42.18	3.47
	95.0	32.65	3.32	34.35	3.37	36.05	3.43	36.90	3.45	39.45	3.54	41.15	3.59
	104.0	27.51	2.56	28.67	2.56	29.80	2.56	30.36	2.56	31.99	2.56	33.05	2.56
	109.4	21.32	1.77	22.12	1.77	22.90	1.77	23.28	1.77	24.40	1.77	25.13	1.77
	114.8	13.15	0.98	13.59	0.98	14.02	0.98	14.23	0.98	14.85	0.98	15.26	0.98
FTXS09L + FTXS09L + FDXS09L + FTXS15L	68.0	37.80	2.71	39.50	2.77	41.20	2.82	42.05	2.85	44.60	2.93	46.30	2.98
	77.0	36.09	2.88	37.79	2.93	39.49	2.99	40.34	3.01	42.89	3.09	44.59	3.15
	86.0	34.37	3.06	36.07	3.11	37.77	3.16	38.62	3.19	41.17	3.27	42.87	3.33
	89.6	33.68	3.13	35.38	3.19	37.08	3.24	37.93	3.27	40.48	3.35	42.18	3.40
	95.0	32.65	3.25	34.35	3.30	36.05	3.36	36.90	3.38	39.45	3.46	41.15	3.52
	104.0	27.60	2.56	28.77	2.56	29.92	2.56	30.48	2.56	32.13	2.56	33.20	2.56
	109.4	21.35	1.77	22.16	1.77	22.94	1.77	23.33	1.77	24.47	1.77	25.20	1.77
	114.8	13.15	0.98	13.60	0.98	14.03	0.98	14.24	0.98	14.87	0.98	15.28	0.98
FTXS09L + FTXS09L + FDXS09L + CDXS15L	68.0	36.68	2.75	38.33	2.81	39.98	2.86	40.80	2.89	43.27	2.97	44.92	3.03
	77.0	35.01	2.92	36.66	2.97	38.31	3.03	39.13	3.06	41.61	3.14	43.26	3.19
	86.0	33.34	3.10	34.99	3.16	36.64	3.21	37.47	3.24	39.94	3.32	41.59	3.38
	89.6	32.68	3.18	34.33	3.23	35.98	3.29	36.80	3.31	39.27	3.40	40.92	3.45
	95.0	31.68	3.30	33.33	3.35	34.98	3.41	35.80	3.43	38.27	3.52	39.92	3.57
	104.0	26.86	2.56	28.00	2.56	29.11	2.56	29.66	2.56	31.26	2.56	32.30	2.56
	109.4	20.90	1.77	21.68	1.77	22.44	1.77	22.82	1.77	23.92	1.77	24.63	1.77
	114.8	12.93	0.98	13.36	0.98	13.78	0.98	13.99	0.98	14.59	0.98	14.99	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FDXS09L + FDXS09L + FTXS15L	68.0	36.68	2.75	38.33	2.81	39.98	2.86	40.80	2.89	43.27	2.97	44.92	3.03
	77.0	35.01	2.92	36.66	2.97	38.31	3.03	39.13	3.06	41.61	3.14	43.26	3.19
	86.0	33.34	3.10	34.99	3.16	36.64	3.21	37.47	3.24	39.94	3.32	41.59	3.38
	89.6	32.68	3.18	34.33	3.23	35.98	3.29	36.80	3.31	39.27	3.40	40.92	3.45
	95.0	31.68	3.30	33.33	3.35	34.98	3.41	35.80	3.43	38.27	3.52	39.92	3.57
	104.0	26.86	2.56	28.00	2.56	29.11	2.56	29.66	2.56	31.26	2.56	32.30	2.56
	109.4	20.90	1.77	21.68	1.77	22.44	1.77	22.82	1.77	23.92	1.77	24.63	1.77
	114.8	12.93	0.98	13.36	0.98	13.78	0.98	13.99	0.98	14.59	0.98	14.99	0.98
FTXS09L + FDXS09L + FDXS09L + CDXS15L	68.0	35.45	2.68	37.04	2.74	38.64	2.79	39.43	2.82	41.82	2.90	43.42	2.95
	77.0	33.84	2.84	35.43	2.90	37.03	2.95	37.82	2.98	40.21	3.06	41.81	3.11
	86.0	32.23	3.02	33.82	3.07	35.41	3.13	36.21	3.15	38.60	3.23	40.20	3.29
	89.6	31.58	3.09	33.18	3.15	34.77	3.20	35.57	3.23	37.96	3.31	39.55	3.36
	95.0	30.61	3.21	32.21	3.26	33.80	3.32	34.60	3.34	36.99	3.42	38.59	3.48
	104.0	26.22	2.56	27.34	2.56	28.44	2.56	28.98	2.56	30.56	2.56	31.58	2.56
	109.4	20.44	1.77	21.21	1.77	21.97	1.77	22.34	1.77	23.43	1.77	24.14	1.77
	114.8	12.67	0.98	13.10	0.98	13.51	0.98	13.72	0.98	14.32	0.98	14.71	0.98
FDXS09L + FDXS09L + FDXS09L + FTXS15L	68.0	35.45	2.57	37.04	2.62	38.64	2.67	39.43	2.70	41.82	2.77	43.42	2.83
	77.0	33.84	2.72	35.43	2.78	37.03	2.83	37.82	2.85	40.21	2.93	41.81	2.98
	86.0	32.23	2.89	33.82	2.94	35.41	3.00	36.21	3.02	38.60	3.10	40.20	3.15
	89.6	31.58	2.96	33.18	3.02	34.77	3.07	35.57	3.09	37.96	3.17	39.55	3.22
	95.0	30.61	3.08	32.21	3.13	33.80	3.18	34.60	3.20	36.99	3.28	38.59	3.33
	104.0	26.42	2.56	27.57	2.56	28.69	2.56	29.24	2.56	30.85	2.56	31.90	2.56
	109.4	20.52	1.77	21.31	1.77	22.08	1.77	22.46	1.77	23.57	1.77	24.29	1.77
	114.8	12.68	0.98	13.11	0.98	13.54	0.98	13.75	0.98	14.36	0.98	14.76	0.98
FDXS09L + FDXS09L + FDXS09L + CDXS15L	68.0	34.32	2.61	35.86	2.66	37.41	2.71	38.18	2.74	40.49	2.82	42.04	2.87
	77.0	32.76	2.77	34.30	2.82	35.85	2.87	36.62	2.90	38.93	2.97	40.48	3.03
	86.0	31.20	2.94	32.74	2.99	34.29	3.04	35.06	3.07	37.37	3.15	38.92	3.20
	89.6	30.58	3.01	32.12	3.06	33.66	3.11	34.44	3.14	36.75	3.22	38.29	3.27
	95.0	29.64	3.12	31.18	3.18	32.73	3.23	33.50	3.25	35.82	3.33	37.36	3.38
	104.0	25.63	2.56	26.74	2.56	27.82	2.56	28.36	2.56	29.92	2.56	30.93	2.56
	109.4	20.03	1.77	20.79	1.77	21.54	1.77	21.90	1.77	22.98	1.77	23.68	1.77
	114.8	12.44	0.98	12.86	0.98	13.27	0.98	13.47	0.98	14.07	0.98	14.45	0.98
FTXS09L + FTXS09L + FTXS09L + FTXS18L	68.0	38.93	2.74	40.68	2.79	42.43	2.85	43.31	2.87	45.93	2.96	47.68	3.01
	77.0	37.16	2.90	38.91	2.96	40.66	3.01	41.54	3.04	44.16	3.12	45.92	3.18
	86.0	35.39	3.08	37.14	3.14	38.89	3.19	39.77	3.22	42.40	3.30	44.15	3.36
	89.6	34.68	3.16	36.44	3.21	38.19	3.27	39.06	3.30	41.69	3.38	43.44	3.43
	95.0	33.62	3.28	35.37	3.33	37.12	3.39	38.00	3.41	40.63	3.50	42.38	3.55
	104.0	28.24	2.56	29.43	2.56	30.60	2.56	31.17	2.56	32.84	2.56	33.93	2.56
	109.4	21.77	1.77	22.59	1.77	23.39	1.77	23.79	1.77	24.94	1.77	25.69	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.12	0.98	15.54	0.98
FTXS09L + FTXS09L + FTXS09L + CDXS18L	68.0	37.91	2.76	39.61	2.82	41.32	2.87	42.17	2.90	44.73	2.98	46.43	3.04
	77.0	36.18	2.93	37.89	2.98	39.59	3.04	40.45	3.07	43.00	3.15	44.71	3.20
	86.0	34.46	3.11	36.17	3.16	37.87	3.22	38.72	3.25	41.28	3.33	42.98	3.39
	89.6	33.77	3.19	35.48	3.24	37.18	3.30	38.03	3.32	40.59	3.41	42.30	3.46
	95.0	32.74	3.31	34.44	3.36	36.15	3.42	37.00	3.44	39.56	3.53	41.26	3.58
	104.0	27.59	2.56	28.75	2.56	29.88	2.56	30.44	2.56	32.08	2.56	33.14	2.56
	109.4	21.37	1.77	22.16	1.77	22.95	1.77	23.33	1.77	24.46	1.77	25.19	1.77
	114.8	13.17	0.98	13.61	0.98	14.04	0.98	14.26	0.98	14.88	0.98	15.28	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS09L + FDXS09L + FTXS18L	68.0	37.91	2.71	39.61	2.77	41.32	2.82	42.17	2.85	44.73	2.93	46.43	2.98
	77.0	36.18	2.88	37.89	2.93	39.59	2.99	40.45	3.01	43.00	3.09	44.71	3.15
	86.0	34.46	3.06	36.17	3.11	37.87	3.16	38.72	3.19	41.28	3.27	42.98	3.33
	89.6	33.77	3.13	35.48	3.19	37.18	3.24	38.03	3.27	40.59	3.35	42.30	3.40
	95.0	32.74	3.25	34.44	3.30	36.15	3.36	37.00	3.38	39.56	3.46	41.26	3.52
	104.0	27.67	2.56	28.84	2.56	29.98	2.56	30.55	2.56	32.20	2.56	33.27	2.56
	109.4	21.39	1.77	22.20	1.77	22.99	1.77	23.37	1.77	24.51	1.77	25.25	1.77
	114.8	13.17	0.98	13.62	0.98	14.05	0.98	14.27	0.98	14.89	0.98	15.30	0.98
FTXS09L + FTXS09L + FDXS09L + CDXS18L	68.0	36.78	2.74	38.43	2.79	40.09	2.85	40.91	2.87	43.40	2.96	45.05	3.01
	77.0	35.11	2.90	36.76	2.96	38.42	3.01	39.24	3.04	41.72	3.12	43.38	3.18
	86.0	33.44	3.08	35.09	3.14	36.74	3.19	37.57	3.22	40.05	3.30	41.71	3.36
	89.6	32.77	3.16	34.42	3.21	36.08	3.27	36.90	3.30	39.38	3.38	41.04	3.43
	95.0	31.77	3.28	33.42	3.33	35.07	3.39	35.90	3.41	38.38	3.50	40.03	3.55
	104.0	26.95	2.56	28.09	2.56	29.20	2.56	29.75	2.56	31.36	2.56	32.40	2.56
	109.4	20.94	1.77	21.73	1.77	22.49	1.77	22.87	1.77	23.98	1.77	24.70	1.77
	114.8	12.95	0.98	13.38	0.98	13.80	0.98	14.01	0.98	14.62	0.98	15.02	0.98
FTXS09L + FDXS09L + FDXS09L + FTXS18L	68.0	36.78	2.70	38.43	2.75	40.09	2.81	40.91	2.83	43.40	2.91	45.05	2.97
	77.0	35.11	2.86	36.76	2.91	38.42	2.97	39.24	2.99	41.72	3.08	43.38	3.13
	86.0	33.44	3.04	35.09	3.09	36.74	3.15	37.57	3.17	40.05	3.25	41.71	3.31
	89.6	32.77	3.11	34.42	3.17	36.08	3.22	36.90	3.25	39.38	3.33	41.04	3.38
	95.0	31.77	3.23	33.42	3.28	35.07	3.34	35.90	3.36	38.38	3.44	40.03	3.50
	104.0	27.01	2.56	28.16	2.56	29.28	2.56	29.83	2.56	31.45	2.56	32.50	2.56
	109.4	20.96	1.77	21.75	1.77	22.52	1.77	22.90	1.77	24.02	1.77	24.74	1.77
	114.8	12.95	0.98	13.38	0.98	13.81	0.98	14.02	0.98	14.63	0.98	15.03	0.98
FTXS09L + FDXS09L + FDXS09L + CDXS18L	68.0	35.76	2.72	37.36	2.78	38.97	2.83	39.78	2.86	42.19	2.94	43.79	2.99
	77.0	34.13	2.89	35.74	2.94	37.35	2.99	38.15	3.02	40.56	3.10	42.17	3.16
	86.0	32.51	3.06	34.11	3.12	35.72	3.17	36.53	3.20	38.94	3.28	40.54	3.34
	89.6	31.86	3.14	33.46	3.19	35.07	3.25	35.88	3.28	38.29	3.36	39.89	3.41
	95.0	30.88	3.26	32.49	3.31	34.10	3.37	34.90	3.39	37.31	3.47	38.92	3.53
	104.0	26.35	2.56	27.47	2.56	28.57	2.56	29.11	2.56	30.69	2.56	31.71	2.56
	109.4	20.55	1.77	21.32	1.77	22.07	1.77	22.44	1.77	23.53	1.77	24.24	1.77
	114.8	12.74	0.98	13.16	0.98	13.58	0.98	13.78	0.98	14.38	0.98	14.78	0.98
FDXS09L + FDXS09L + FDXS09L + FTXS18L	68.0	35.76	2.57	37.36	2.62	38.97	2.67	39.78	2.70	42.19	2.77	43.79	2.83
	77.0	34.13	2.72	35.74	2.78	37.35	2.83	38.15	2.85	40.56	2.93	42.17	2.98
	86.0	32.51	2.89	34.11	2.94	35.72	3.00	36.53	3.02	38.94	3.10	40.54	3.15
	89.6	31.86	2.96	33.46	3.02	35.07	3.07	35.88	3.09	38.29	3.17	39.89	3.22
	95.0	30.88	3.08	32.49	3.13	34.10	3.18	34.90	3.20	37.31	3.28	38.92	3.33
	104.0	26.62	2.56	27.77	2.56	28.90	2.56	29.45	2.56	31.08	2.56	32.13	2.56
	109.4	20.65	1.77	21.44	1.77	22.21	1.77	22.60	1.77	23.71	1.77	24.44	1.77
	114.8	12.75	0.98	13.18	0.98	13.61	0.98	13.82	0.98	14.44	0.98	14.84	0.98
FDXS09L + FDXS09L + FDXS09L + CDXS18L	68.0	34.63	2.65	36.19	2.70	37.74	2.76	38.52	2.78	40.86	2.86	42.41	2.91
	77.0	33.05	2.81	34.61	2.86	36.17	2.92	36.95	2.94	39.28	3.02	40.84	3.07
	86.0	31.48	2.98	33.04	3.04	34.60	3.09	35.37	3.12	37.71	3.19	39.27	3.25
	89.6	30.85	3.06	32.41	3.11	33.97	3.16	34.74	3.19	37.08	3.27	38.64	3.32
	95.0	29.91	3.17	31.46	3.22	33.02	3.28	33.80	3.30	36.14	3.38	37.69	3.44
	104.0	25.76	2.56	26.87	2.56	27.95	2.56	28.48	2.56	30.05	2.56	31.06	2.56
	109.4	20.13	1.77	20.89	1.77	21.64	1.77	22.01	1.77	23.08	1.77	23.78	1.77
	114.8	12.50	0.98	12.92	0.98	13.33	0.98	13.54	0.98	14.13	0.98	14.52	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS09L + FTXS12L + FTXS12L	68.0	38.93	2.75	40.68	2.81	42.43	2.86	43.31	2.89	45.93	2.97	47.68	3.03
	77.0	37.16	2.92	38.91	2.97	40.66	3.03	41.54	3.06	44.16	3.14	45.92	3.19
	86.0	35.39	3.10	37.14	3.16	38.89	3.21	39.77	3.24	42.40	3.32	44.15	3.38
	89.6	34.68	3.18	36.44	3.23	38.19	3.29	39.06	3.31	41.69	3.40	43.44	3.45
	95.0	33.62	3.30	35.37	3.35	37.12	3.41	38.00	3.43	40.63	3.52	42.38	3.57
	104.0	28.21	2.56	29.40	2.56	30.56	2.56	31.13	2.56	32.80	2.56	33.89	2.56
	109.4	21.76	1.77	22.58	1.77	23.38	1.77	23.77	1.77	24.92	1.77	25.67	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.48	0.98	15.12	0.98	15.53	0.98
FTXS09L + FTXS09L + FTXS12L + FDXS12L	68.0	37.80	2.73	39.50	2.78	41.20	2.84	42.05	2.87	44.60	2.95	46.30	3.00
	77.0	36.09	2.89	37.79	2.95	39.49	3.00	40.34	3.03	42.89	3.11	44.59	3.17
	86.0	34.37	3.07	36.07	3.13	37.77	3.18	38.62	3.21	41.17	3.29	42.87	3.35
	89.6	33.68	3.15	35.38	3.20	37.08	3.26	37.93	3.29	40.48	3.37	42.18	3.42
	95.0	32.65	3.27	34.35	3.32	36.05	3.38	36.90	3.40	39.45	3.49	41.15	3.54
	104.0	27.58	2.56	28.74	2.56	29.88	2.56	30.44	2.56	32.09	2.56	33.15	2.56
	109.4	21.34	1.77	22.14	1.77	22.93	1.77	23.31	1.77	24.45	1.77	25.18	1.77
	114.8	13.15	0.98	13.59	0.98	14.03	0.98	14.24	0.98	14.86	0.98	15.27	0.98
FTXS09L + FTXS09L + FDXS12L + FDXS12L	68.0	36.68	2.76	38.33	2.82	39.98	2.87	40.80	2.90	43.27	2.98	44.92	3.04
	77.0	35.01	2.93	36.66	2.98	38.31	3.04	39.13	3.07	41.61	3.15	43.26	3.20
	86.0	33.34	3.11	34.99	3.16	36.64	3.22	37.47	3.25	39.94	3.33	41.59	3.39
	89.6	32.68	3.19	34.33	3.24	35.98	3.30	36.80	3.32	39.27	3.41	40.92	3.46
	95.0	31.68	3.31	33.33	3.36	34.98	3.42	35.80	3.44	38.27	3.53	39.92	3.58
	104.0	26.85	2.56	27.99	2.56	29.10	2.56	29.64	2.56	31.24	2.56	32.28	2.56
	109.4	20.89	1.77	21.67	1.77	22.43	1.77	22.81	1.77	23.91	1.77	24.63	1.77
	114.8	12.93	0.98	13.36	0.98	13.78	0.98	13.99	0.98	14.59	0.98	14.99	0.98
FTXS09L + FDXS09L + FTXS12L + FTXS12L	68.0	37.80	2.73	39.50	2.78	41.20	2.84	42.05	2.87	44.60	2.95	46.30	3.00
	77.0	36.09	2.89	37.79	2.95	39.49	3.00	40.34	3.03	42.89	3.11	44.59	3.17
	86.0	34.37	3.07	36.07	3.13	37.77	3.18	38.62	3.21	41.17	3.29	42.87	3.35
	89.6	33.68	3.15	35.38	3.20	37.08	3.26	37.93	3.29	40.48	3.37	42.18	3.42
	95.0	32.65	3.27	34.35	3.32	36.05	3.38	36.90	3.40	39.45	3.49	41.15	3.54
	104.0	27.58	2.56	28.74	2.56	29.88	2.56	30.44	2.56	32.09	2.56	33.15	2.56
	109.4	21.34	1.77	22.14	1.77	22.93	1.77	23.31	1.77	24.45	1.77	25.18	1.77
	114.8	13.15	0.98	13.59	0.98	14.03	0.98	14.24	0.98	14.86	0.98	15.27	0.98
FTXS09L + FDXS09L + FTXS12L + FDXS12L	68.0	36.68	2.77	38.33	2.83	39.98	2.88	40.80	2.91	43.27	2.99	44.92	3.05
	77.0	35.01	2.94	36.66	2.99	38.31	3.05	39.13	3.08	41.61	3.16	43.26	3.21
	86.0	33.34	3.12	34.99	3.17	36.64	3.23	37.47	3.26	39.94	3.34	41.59	3.39
	89.6	32.68	3.20	34.33	3.25	35.98	3.31	36.80	3.33	39.27	3.42	40.92	3.47
	95.0	31.68	3.32	33.33	3.37	34.98	3.43	35.80	3.45	38.27	3.54	39.92	3.59
	104.0	26.85	2.56	27.98	2.56	29.08	2.56	29.63	2.56	31.22	2.56	32.26	2.56
	109.4	20.89	1.77	21.67	1.77	22.43	1.77	22.80	1.77	23.90	1.77	24.62	1.77
	114.8	12.93	0.98	13.36	0.98	13.78	0.98	13.98	0.98	14.59	0.98	14.99	0.98
FTXS09L + FDXS09L + FDXS12L + FDXS12L	68.0	35.45	2.75	37.04	2.80	38.64	2.86	39.43	2.88	41.82	2.97	43.42	3.02
	77.0	33.84	2.91	35.43	2.97	37.03	3.02	37.82	3.05	40.21	3.13	41.81	3.19
	86.0	32.23	3.09	33.82	3.15	35.41	3.20	36.21	3.23	38.60	3.31	40.20	3.37
	89.6	31.58	3.17	33.18	3.22	34.77	3.28	35.57	3.30	37.96	3.39	39.55	3.44
	95.0	30.61	3.29	32.21	3.34	33.80	3.40	34.60	3.42	36.99	3.51	38.59	3.56
	104.0	26.14	2.56	27.25	2.56	28.33	2.56	28.86	2.56	30.43	2.56	31.44	2.56
	109.4	20.42	1.77	21.19	1.77	21.93	1.77	22.30	1.77	23.38	1.77	24.08	1.77
	114.8	12.68	0.98	13.10	0.98	13.51	0.98	13.71	0.98	14.31	0.98	14.70	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FDXS09L + FTXS12L + FTXS12L	68.0	36.68	2.77	38.33	2.83	39.98	2.88	40.80	2.91	43.27	2.99	44.92	3.05
	77.0	35.01	2.94	36.66	2.99	38.31	3.05	39.13	3.08	41.61	3.16	43.26	3.21
	86.0	33.34	3.12	34.99	3.17	36.64	3.23	37.47	3.26	39.94	3.34	41.59	3.39
	89.6	32.68	3.20	34.33	3.25	35.98	3.31	36.80	3.33	39.27	3.42	40.92	3.47
	95.0	31.68	3.32	33.33	3.37	34.98	3.43	35.80	3.45	38.27	3.54	39.92	3.59
	104.0	26.85	2.56	27.98	2.56	29.08	2.56	29.63	2.56	31.22	2.56	32.26	2.56
	109.4	20.89	1.77	21.67	1.77	22.43	1.77	22.80	1.77	23.90	1.77	24.62	1.77
	114.8	12.93	0.98	13.36	0.98	13.78	0.98	13.98	0.98	14.59	0.98	14.99	0.98
FDXS09L + FDXS09L + FTXS12L + FDXS12L	68.0	35.45	2.75	37.04	2.80	38.64	2.86	39.43	2.88	41.82	2.97	43.42	3.02
	77.0	33.84	2.91	35.43	2.97	37.03	3.02	37.82	3.05	40.21	3.13	41.81	3.19
	86.0	32.23	3.09	33.82	3.15	35.41	3.20	36.21	3.23	38.60	3.31	40.20	3.37
	89.6	31.58	3.17	33.18	3.22	34.77	3.28	35.57	3.30	37.96	3.39	39.55	3.44
	95.0	30.61	3.29	32.21	3.34	33.80	3.40	34.60	3.42	36.99	3.51	38.59	3.56
	104.0	26.14	2.56	27.25	2.56	28.33	2.56	28.86	2.56	30.43	2.56	31.44	2.56
	109.4	20.42	1.77	21.19	1.77	21.93	1.77	22.30	1.77	23.38	1.77	24.08	1.77
	114.8	12.68	0.98	13.10	0.98	13.51	0.98	13.71	0.98	14.31	0.98	14.70	0.98
FDXS09L + FDXS09L + FDXS12L + FDXS12L	68.0	34.32	2.67	35.86	2.73	37.41	2.78	38.18	2.81	40.49	2.89	42.04	2.94
	77.0	32.76	2.83	34.30	2.89	35.85	2.94	36.62	2.97	38.93	3.05	40.48	3.10
	86.0	31.20	3.01	32.74	3.06	34.29	3.12	35.06	3.14	37.37	3.22	38.92	3.28
	89.6	30.58	3.08	32.12	3.14	33.66	3.19	34.44	3.22	36.75	3.30	38.29	3.35
	95.0	29.64	3.20	31.18	3.25	32.73	3.31	33.50	3.33	35.82	3.41	37.36	3.47
	104.0	25.54	2.56	26.63	2.56	27.71	2.56	28.23	2.56	29.78	2.56	30.78	2.56
	109.4	20.00	1.77	20.75	1.77	21.49	1.77	21.85	1.77	22.92	1.77	23.61	1.77
	114.8	12.44	0.98	12.86	0.98	13.26	0.98	13.46	0.98	14.05	0.98	14.43	0.98
FTXS09L + FTXS09L + FTXS12L + FTXS15L	68.0	38.93	2.74	40.68	2.79	42.43	2.85	43.31	2.87	45.93	2.96	47.68	3.01
	77.0	37.16	2.90	38.91	2.96	40.66	3.01	41.54	3.04	44.16	3.12	45.92	3.18
	86.0	35.39	3.08	37.14	3.14	38.89	3.19	39.77	3.22	42.40	3.30	44.15	3.36
	89.6	34.68	3.16	36.44	3.21	38.19	3.27	39.06	3.30	41.69	3.38	43.44	3.43
	95.0	33.62	3.28	35.37	3.33	37.12	3.39	38.00	3.41	40.63	3.50	42.38	3.55
	104.0	28.24	2.56	29.43	2.56	30.60	2.56	31.17	2.56	32.84	2.56	33.93	2.56
	109.4	21.77	1.77	22.59	1.77	23.39	1.77	23.79	1.77	24.94	1.77	25.69	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.12	0.98	15.54	0.98
FTXS09L + FTXS09L + FTXS12L + CDXS15L	68.0	37.91	2.77	39.61	2.83	41.32	2.88	42.17	2.91	44.73	2.99	46.43	3.05
	77.0	36.18	2.94	37.89	2.99	39.59	3.05	40.45	3.08	43.00	3.16	44.71	3.21
	86.0	34.46	3.12	36.17	3.17	37.87	3.23	38.72	3.26	41.28	3.34	42.98	3.39
	89.6	33.77	3.20	35.48	3.25	37.18	3.31	38.03	3.33	40.59	3.42	42.30	3.47
	95.0	32.74	3.32	34.44	3.37	36.15	3.43	37.00	3.45	39.56	3.54	41.26	3.59
	104.0	27.58	2.56	28.74	2.56	29.87	2.56	30.43	2.56	32.06	2.56	33.12	2.56
	109.4	21.36	1.77	22.16	1.77	22.94	1.77	23.32	1.77	24.45	1.77	25.18	1.77
	114.8	13.17	0.98	13.61	0.98	14.04	0.98	14.25	0.98	14.88	0.98	15.28	0.98
FTXS09L + FDXS09L + FDXS12L + FTXS15L	68.0	37.91	2.71	39.61	2.77	41.32	2.82	42.17	2.85	44.73	2.93	46.43	2.98
	77.0	36.18	2.88	37.89	2.93	39.59	2.99	40.45	3.01	43.00	3.09	44.71	3.15
	86.0	34.46	3.06	36.17	3.11	37.87	3.16	38.72	3.19	41.28	3.27	42.98	3.33
	89.6	33.77	3.13	35.48	3.19	37.18	3.24	38.03	3.27	40.59	3.35	42.30	3.40
	95.0	32.74	3.25	34.44	3.30	36.15	3.36	37.00	3.38	39.56	3.46	41.26	3.52
	104.0	27.67	2.56	28.84	2.56	29.98	2.56	30.55	2.56	32.20	2.56	33.27	2.56
	109.4	21.39	1.77	22.20	1.77	22.99	1.77	23.37	1.77	24.51	1.77	25.25	1.77
	114.8	13.17	0.98	13.62	0.98	14.05	0.98	14.27	0.98	14.89	0.98	15.30	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS09L + FDXS12L + CDXS15L	68.0	36.78	2.75	38.43	2.81	40.09	2.86	40.91	2.89	43.40	2.97	45.05	3.03
	77.0	35.11	2.92	36.76	2.97	38.42	3.03	39.24	3.06	41.72	3.14	43.38	3.19
	86.0	33.44	3.10	35.09	3.16	36.74	3.21	37.57	3.24	40.05	3.32	41.71	3.38
	89.6	32.77	3.18	34.42	3.23	36.08	3.29	36.90	3.31	39.38	3.40	41.04	3.45
	95.0	31.77	3.30	33.42	3.35	35.07	3.41	35.90	3.43	38.38	3.52	40.03	3.57
	104.0	26.93	2.56	28.06	2.56	29.18	2.56	29.72	2.56	31.33	2.56	32.37	2.56
	109.4	20.94	1.77	21.72	1.77	22.48	1.77	22.86	1.77	23.96	1.77	24.68	1.77
	114.8	12.95	0.98	13.38	0.98	13.80	0.98	14.01	0.98	14.62	0.98	15.02	0.98
FTXS09L + FDXS09L + FTXS12L + FTXS15L	68.0	37.91	2.71	39.61	2.77	41.32	2.82	42.17	2.85	44.73	2.93	46.43	2.98
	77.0	36.18	2.88	37.89	2.93	39.59	2.99	40.45	3.01	43.00	3.09	44.71	3.15
	86.0	34.46	3.06	36.17	3.11	37.87	3.16	38.72	3.19	41.28	3.27	42.98	3.33
	89.6	33.77	3.13	35.48	3.19	37.18	3.24	38.03	3.27	40.59	3.35	42.30	3.40
	95.0	32.74	3.25	34.44	3.30	36.15	3.36	37.00	3.38	39.56	3.46	41.26	3.52
	104.0	27.67	2.56	28.84	2.56	29.98	2.56	30.55	2.56	32.20	2.56	33.27	2.56
	109.4	21.39	1.77	22.20	1.77	22.99	1.77	23.37	1.77	24.51	1.77	25.25	1.77
	114.8	13.17	0.98	13.62	0.98	14.05	0.98	14.27	0.98	14.89	0.98	15.30	0.98
FTXS09L + FDXS09L + FTXS12L + CDXS15L	68.0	36.78	2.75	38.43	2.81	40.09	2.86	40.91	2.89	43.40	2.97	45.05	3.03
	77.0	35.11	2.92	36.76	2.97	38.42	3.03	39.24	3.06	41.72	3.14	43.38	3.19
	86.0	33.44	3.10	35.09	3.16	36.74	3.21	37.57	3.24	40.05	3.32	41.71	3.38
	89.6	32.77	3.18	34.42	3.23	36.08	3.29	36.90	3.31	39.38	3.40	41.04	3.45
	95.0	31.77	3.30	33.42	3.35	35.07	3.41	35.90	3.43	38.38	3.52	40.03	3.57
	104.0	26.93	2.56	28.06	2.56	29.18	2.56	29.72	2.56	31.33	2.56	32.37	2.56
	109.4	20.94	1.77	21.72	1.77	22.48	1.77	22.86	1.77	23.96	1.77	24.68	1.77
	114.8	12.95	0.98	13.38	0.98	13.80	0.98	14.01	0.98	14.62	0.98	15.02	0.98
FTXS09L + FDXS09L + FDXS12L + FTXS15L	68.0	36.78	2.70	38.43	2.75	40.09	2.81	40.91	2.83	43.40	2.91	45.05	2.97
	77.0	35.11	2.86	36.76	2.91	38.42	2.97	39.24	2.99	41.72	3.08	43.38	3.13
	86.0	33.44	3.04	35.09	3.09	36.74	3.15	37.57	3.17	40.05	3.25	41.71	3.31
	89.6	32.77	3.11	34.42	3.17	36.08	3.22	36.90	3.25	39.38	3.33	41.04	3.38
	95.0	31.77	3.23	33.42	3.28	35.07	3.34	35.90	3.36	38.38	3.44	40.03	3.50
	104.0	27.01	2.56	28.16	2.56	29.28	2.56	29.83	2.56	31.45	2.56	32.50	2.56
	109.4	20.96	1.77	21.75	1.77	22.52	1.77	22.90	1.77	24.02	1.77	24.74	1.77
	114.8	12.95	0.98	13.38	0.98	13.81	0.98	14.02	0.98	14.63	0.98	15.03	0.98
FTXS09L + FDXS09L + FDXS12L + CDXS15L	68.0	35.76	2.73	37.36	2.78	38.97	2.84	39.78	2.87	42.19	2.95	43.79	3.00
	77.0	34.13	2.89	35.74	2.95	37.35	3.00	38.15	3.03	40.56	3.11	42.17	3.17
	86.0	32.51	3.07	34.11	3.13	35.72	3.18	36.53	3.21	38.94	3.29	40.54	3.35
	89.6	31.86	3.15	33.46	3.20	35.07	3.26	35.88	3.29	38.29	3.37	39.89	3.42
	95.0	30.88	3.27	32.49	3.32	34.10	3.38	34.90	3.40	37.31	3.49	38.92	3.54
	104.0	26.34	2.56	27.46	2.56	28.55	2.56	29.09	2.56	30.67	2.56	31.69	2.56
	109.4	20.55	1.77	21.32	1.77	22.07	1.77	22.44	1.77	23.53	1.77	24.23	1.77
	114.8	12.74	0.98	13.16	0.98	13.58	0.98	13.78	0.98	14.38	0.98	14.77	0.98
FDXS09L + FDXS09L + FTXS12L + FTXS15L	68.0	36.78	2.70	38.43	2.75	40.09	2.81	40.91	2.83	43.40	2.91	45.05	2.97
	77.0	35.11	2.86	36.76	2.91	38.42	2.97	39.24	2.99	41.72	3.08	43.38	3.13
	86.0	33.44	3.04	35.09	3.09	36.74	3.15	37.57	3.17	40.05	3.25	41.71	3.31
	89.6	32.77	3.11	34.42	3.17	36.08	3.22	36.90	3.25	39.38	3.33	41.04	3.38
	95.0	31.77	3.23	33.42	3.28	35.07	3.34	35.90	3.36	38.38	3.44	40.03	3.50
	104.0	27.01	2.56	28.16	2.56	29.28	2.56	29.83	2.56	31.45	2.56	32.50	2.56
	109.4	20.96	1.77	21.75	1.77	22.52	1.77	22.90	1.77	24.02	1.77	24.74	1.77
	114.8	12.95	0.98	13.38	0.98	13.81	0.98	14.02	0.98	14.63	0.98	15.03	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FDXS09L + FTXS12L + CDXS15L	68.0	35.76	2.74	37.36	2.79	38.97	2.85	39.78	2.87	42.19	2.96	43.79	3.01
	77.0	34.13	2.90	35.74	2.96	37.35	3.01	38.15	3.04	40.56	3.12	42.17	3.18
	86.0	32.51	3.08	34.11	3.14	35.72	3.19	36.53	3.22	38.94	3.30	40.54	3.36
	89.6	31.86	3.16	33.46	3.21	35.07	3.27	35.88	3.30	38.29	3.38	39.89	3.43
	95.0	30.88	3.28	32.49	3.33	34.10	3.39	34.90	3.41	37.31	3.50	38.92	3.55
	104.0	26.33	2.56	27.45	2.56	28.54	2.56	29.08	2.56	30.65	2.56	31.68	2.56
	109.4	20.54	1.77	21.31	1.77	22.06	1.77	22.43	1.77	23.52	1.77	24.22	1.77
	114.8	12.74	0.98	13.16	0.98	13.58	0.98	13.78	0.98	14.38	0.98	14.77	0.98
FDXS09L + FDXS09L + FDXS12L + FTXS15L	68.0	35.76	2.63	37.36	2.68	38.97	2.73	39.78	2.76	42.19	2.84	43.79	2.89
	77.0	34.13	2.78	35.74	2.84	37.35	2.89	38.15	2.91	40.56	2.99	42.17	3.05
	86.0	32.51	2.96	34.11	3.01	35.72	3.06	36.53	3.09	38.94	3.17	40.54	3.22
	89.6	31.86	3.03	33.46	3.08	35.07	3.13	35.88	3.16	38.29	3.24	39.89	3.29
	95.0	30.88	3.14	32.49	3.19	34.10	3.25	34.90	3.27	37.31	3.35	38.92	3.40
	104.0	26.50	2.56	27.64	2.56	28.76	2.56	29.31	2.56	30.91	2.56	31.96	2.56
	109.4	20.60	1.77	21.38	1.77	22.15	1.77	22.53	1.77	23.63	1.77	24.35	1.77
	114.8	12.74	0.98	13.17	0.98	13.59	0.98	13.80	0.98	14.41	0.98	14.81	0.98
FDXS09L + FDXS09L + FDXS12L + CDXS15L	68.0	34.63	2.67	36.19	2.72	37.74	2.77	38.52	2.80	40.86	2.88	42.41	2.93
	77.0	33.05	2.83	34.61	2.88	36.17	2.93	36.95	2.96	39.28	3.04	40.84	3.09
	86.0	31.48	3.00	33.04	3.05	34.60	3.11	35.37	3.13	37.71	3.21	39.27	3.27
	89.6	30.85	3.08	32.41	3.13	33.97	3.18	34.74	3.21	37.08	3.29	38.64	3.34
	95.0	29.91	3.19	31.46	3.24	33.02	3.30	33.80	3.32	36.14	3.40	37.69	3.46
	104.0	25.74	2.56	26.84	2.56	27.92	2.56	28.45	2.56	30.01	2.56	31.02	2.56
	109.4	20.13	1.77	20.89	1.77	21.63	1.77	21.99	1.77	23.07	1.77	23.76	1.77
	114.8	12.50	0.98	12.92	0.98	13.33	0.98	13.53	0.98	14.13	0.98	14.51	0.98
FTXS09L + FTXS09L + FTXS12L + FTXS18L	68.0	38.93	2.74	40.68	2.79	42.43	2.85	43.31	2.87	45.93	2.96	47.68	3.01
	77.0	37.16	2.90	38.91	2.96	40.66	3.01	41.54	3.04	44.16	3.12	45.92	3.18
	86.0	35.39	3.08	37.14	3.14	38.89	3.19	39.77	3.22	42.40	3.30	44.15	3.36
	89.6	34.68	3.16	36.44	3.21	38.19	3.27	39.06	3.30	41.69	3.38	43.44	3.43
	95.0	33.62	3.28	35.37	3.33	37.12	3.39	38.00	3.41	40.63	3.50	42.38	3.55
	104.0	28.24	2.56	29.43	2.56	30.60	2.56	31.17	2.56	32.84	2.56	33.93	2.56
	109.4	21.77	1.77	22.59	1.77	23.39	1.77	23.79	1.77	24.94	1.77	25.69	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.12	0.98	15.54	0.98
FTXS09L + FTXS09L + FTXS12L + CDXS18L	68.0	37.91	2.76	39.61	2.82	41.32	2.87	42.17	2.90	44.73	2.98	46.43	3.04
	77.0	36.18	2.93	37.89	2.98	39.59	3.04	40.45	3.07	43.00	3.15	44.71	3.20
	86.0	34.46	3.11	36.17	3.16	37.87	3.22	38.72	3.25	41.28	3.33	42.98	3.39
	89.6	33.77	3.19	35.48	3.24	37.18	3.30	38.03	3.32	40.59	3.41	42.30	3.46
	95.0	32.74	3.31	34.44	3.36	36.15	3.42	37.00	3.44	39.56	3.53	41.26	3.58
	104.0	27.59	2.56	28.75	2.56	29.88	2.56	30.44	2.56	32.08	2.56	33.14	2.56
	109.4	21.37	1.77	22.16	1.77	22.95	1.77	23.33	1.77	24.46	1.77	25.19	1.77
	114.8	13.17	0.98	13.61	0.98	14.04	0.98	14.26	0.98	14.88	0.98	15.28	0.98
FTXS09L + FTXS09L + FDXS12L + FTXS18L	68.0	37.91	2.71	39.61	2.77	41.32	2.82	42.17	2.85	44.73	2.93	46.43	2.98
	77.0	36.18	2.88	37.89	2.93	39.59	2.99	40.45	3.01	43.00	3.09	44.71	3.15
	86.0	34.46	3.06	36.17	3.11	37.87	3.16	38.72	3.19	41.28	3.27	42.98	3.33
	89.6	33.77	3.13	35.48	3.19	37.18	3.24	38.03	3.27	40.59	3.35	42.30	3.40
	95.0	32.74	3.25	34.44	3.30	36.15	3.36	37.00	3.38	39.56	3.46	41.26	3.52
	104.0	27.67	2.56	28.84	2.56	29.98	2.56	30.55	2.56	32.20	2.56	33.27	2.56
	109.4	21.39	1.77	22.20	1.77	22.99	1.77	23.37	1.77	24.51	1.77	25.25	1.77
	114.8	13.17	0.98	13.62	0.98	14.05	0.98	14.27	0.98	14.89	0.98	15.30	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS09L + FDXS12L + CDXS18L	68.0	36.88	2.74	38.54	2.79	40.20	2.85	41.03	2.87	43.52	2.96	45.18	3.01
	77.0	35.21	2.90	36.86	2.96	38.52	3.01	39.35	3.04	41.84	3.12	43.50	3.18
	86.0	33.53	3.08	35.19	3.14	36.85	3.19	37.68	3.22	40.16	3.30	41.82	3.36
	89.6	32.86	3.16	34.52	3.21	36.18	3.27	37.01	3.30	39.49	3.38	41.15	3.43
	95.0	31.85	3.28	33.51	3.33	35.17	3.39	36.00	3.41	38.49	3.50	40.15	3.55
	104.0	27.01	2.56	28.15	2.56	29.27	2.56	29.82	2.56	31.43	2.56	32.48	2.56
	109.4	20.98	1.77	21.77	1.77	22.54	1.77	22.91	1.77	24.02	1.77	24.75	1.77
	114.8	12.97	0.98	13.40	0.98	13.82	0.98	14.03	0.98	14.65	0.98	15.04	0.98
FTXS09L + FDXS09L + FTXS12L + FTXS18L	68.0	37.91	2.72	39.61	2.78	41.32	2.83	42.17	2.86	44.73	2.94	46.43	2.99
	77.0	36.18	2.89	37.89	2.94	39.59	2.99	40.45	3.02	43.00	3.10	44.71	3.16
	86.0	34.46	3.06	36.17	3.12	37.87	3.17	38.72	3.20	41.28	3.28	42.98	3.34
	89.6	33.77	3.14	35.48	3.19	37.18	3.25	38.03	3.28	40.59	3.36	42.30	3.41
	95.0	32.74	3.26	34.44	3.31	36.15	3.37	37.00	3.39	39.56	3.47	41.26	3.53
	104.0	27.65	2.56	28.82	2.56	29.97	2.56	30.53	2.56	32.18	2.56	33.25	2.56
	109.4	21.39	1.77	22.19	1.77	22.98	1.77	23.37	1.77	24.50	1.77	25.24	1.77
	114.8	13.17	0.98	13.62	0.98	14.05	0.98	14.26	0.98	14.89	0.98	15.30	0.98
FTXS09L + FDXS09L + FTXS12L + CDXS18L	68.0	36.88	2.75	38.54	2.80	40.20	2.86	41.03	2.88	43.52	2.97	45.18	3.02
	77.0	35.21	2.91	36.86	2.97	38.52	3.02	39.35	3.05	41.84	3.13	43.50	3.19
	86.0	33.53	3.09	35.19	3.15	36.85	3.20	37.68	3.23	40.16	3.31	41.82	3.37
	89.6	32.86	3.17	34.52	3.22	36.18	3.28	37.01	3.30	39.49	3.39	41.15	3.44
	95.0	31.85	3.29	33.51	3.34	35.17	3.40	36.00	3.42	38.49	3.51	40.15	3.56
	104.0	27.00	2.56	28.14	2.56	29.26	2.56	29.80	2.56	31.41	2.56	32.46	2.56
	109.4	20.98	1.77	21.76	1.77	22.53	1.77	22.91	1.77	24.02	1.77	24.74	1.77
	114.8	12.97	0.98	13.40	0.98	13.82	0.98	14.03	0.98	14.64	0.98	15.04	0.98
FTXS09L + FDXS09L + FDXS12L + FTXS18L	68.0	36.88	2.70	38.54	2.75	40.20	2.81	41.03	2.83	43.52	2.91	45.18	2.97
	77.0	35.21	2.86	36.86	2.91	38.52	2.97	39.35	2.99	41.84	3.08	43.50	3.13
	86.0	33.53	3.04	35.19	3.09	36.85	3.15	37.68	3.17	40.16	3.25	41.82	3.31
	89.6	32.86	3.11	34.52	3.17	36.18	3.22	37.01	3.25	39.49	3.33	41.15	3.38
	95.0	31.85	3.23	33.51	3.28	35.17	3.34	36.00	3.36	38.49	3.44	40.15	3.50
	104.0	27.07	2.56	28.22	2.56	29.35	2.56	29.90	2.56	31.53	2.56	32.58	2.56
	109.4	21.00	1.77	21.79	1.77	22.57	1.77	22.95	1.77	24.07	1.77	24.79	1.77
	114.8	12.97	0.98	13.40	0.98	13.83	0.98	14.04	0.98	14.66	0.98	15.06	0.98
FTXS09L + FDXS09L + FDXS12L + CDXS18L	68.0	35.86	2.78	37.47	2.83	39.08	2.89	39.89	2.92	42.31	3.00	43.92	3.06
	77.0	34.23	2.95	35.84	3.00	37.45	3.06	38.26	3.08	40.68	3.17	42.29	3.22
	86.0	32.60	3.13	34.21	3.18	35.82	3.24	36.63	3.27	39.05	3.35	40.66	3.40
	89.6	31.95	3.21	33.56	3.26	35.17	3.32	35.98	3.34	38.40	3.43	40.01	3.48
	95.0	30.97	3.33	32.58	3.38	34.19	3.44	35.00	3.46	37.42	3.55	39.03	3.60
	104.0	26.35	2.56	27.46	2.56	28.55	2.56	29.08	2.56	30.65	2.56	31.67	2.56
	109.4	20.58	1.77	21.34	1.77	22.09	1.77	22.46	1.77	23.54	1.77	24.24	1.77
	114.8	12.77	0.98	13.19	0.98	13.60	0.98	13.81	0.98	14.40	0.98	14.79	0.98
FDXS09L + FDXS09L + FTXS12L + FTXS18L	68.0	36.88	2.70	38.54	2.75	40.20	2.81	41.03	2.83	43.52	2.91	45.18	2.97
	77.0	35.21	2.86	36.86	2.91	38.52	2.97	39.35	2.99	41.84	3.08	43.50	3.13
	86.0	33.53	3.04	35.19	3.09	36.85	3.15	37.68	3.17	40.16	3.25	41.82	3.31
	89.6	32.86	3.11	34.52	3.17	36.18	3.22	37.01	3.25	39.49	3.33	41.15	3.38
	95.0	31.85	3.23	33.51	3.28	35.17	3.34	36.00	3.36	38.49	3.44	40.15	3.50
	104.0	27.07	2.56	28.22	2.56	29.35	2.56	29.90	2.56	31.53	2.56	32.58	2.56
	109.4	21.00	1.77	21.79	1.77	22.57	1.77	22.95	1.77	24.07	1.77	24.79	1.77
	114.8	12.97	0.98	13.40	0.98	13.83	0.98	14.04	0.98	14.66	0.98	15.06	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FDXS09L + FTXS12L + CDXS18L	68.0	35.86	2.73	37.47	2.78	39.08	2.84	39.89	2.87	42.31	2.95	43.92	3.00
	77.0	34.23	2.89	35.84	2.95	37.45	3.00	38.26	3.03	40.68	3.11	42.29	3.17
	86.0	32.60	3.07	34.21	3.13	35.82	3.18	36.63	3.21	39.05	3.29	40.66	3.35
	89.6	31.95	3.15	33.56	3.20	35.17	3.26	35.98	3.29	38.40	3.37	40.01	3.42
	95.0	30.97	3.27	32.58	3.32	34.19	3.38	35.00	3.40	37.42	3.49	39.03	3.54
	104.0	26.40	2.56	27.52	2.56	28.62	2.56	29.16	2.56	30.74	2.56	31.77	2.56
	109.4	20.59	1.77	21.36	1.77	22.11	1.77	22.48	1.77	23.57	1.77	24.28	1.77
	114.8	12.76	0.98	13.19	0.98	13.60	0.98	13.81	0.98	14.41	0.98	14.80	0.98
FDXS09L + FDXS09L + FDXS12L + FTXS18L	68.0	35.86	2.63	37.47	2.68	39.08	2.73	39.89	2.76	42.31	2.84	43.92	2.89
	77.0	34.23	2.78	35.84	2.84	37.45	2.89	38.26	2.91	40.68	2.99	42.29	3.05
	86.0	32.60	2.96	34.21	3.01	35.82	3.06	36.63	3.09	39.05	3.17	40.66	3.22
	89.6	31.95	3.03	33.56	3.08	35.17	3.13	35.98	3.16	38.40	3.24	40.01	3.29
	95.0	30.97	3.14	32.58	3.19	34.19	3.25	35.00	3.27	37.42	3.35	39.03	3.40
	104.0	26.57	2.56	27.71	2.56	28.83	2.56	29.38	2.56	30.99	2.56	32.03	2.56
	109.4	20.64	1.77	21.43	1.77	22.19	1.77	22.57	1.77	23.68	1.77	24.40	1.77
	114.8	12.76	0.98	13.19	0.98	13.62	0.98	13.82	0.98	14.44	0.98	14.83	0.98
FDXS09L + FDXS09L + FDXS12L + CDXS18L	68.0	34.83	2.65	36.40	2.70	37.97	2.76	38.75	2.78	41.10	2.86	42.67	2.91
	77.0	33.25	2.81	34.82	2.86	36.38	2.92	37.17	2.94	39.52	3.02	41.08	3.07
	86.0	31.67	2.98	33.23	3.04	34.80	3.09	35.58	3.12	37.93	3.19	39.50	3.25
	89.6	31.03	3.06	32.60	3.11	34.17	3.16	34.95	3.19	37.30	3.27	38.87	3.32
	95.0	30.08	3.17	31.65	3.22	33.22	3.28	34.00	3.30	36.35	3.38	37.92	3.44
	104.0	25.89	2.56	27.00	2.56	28.09	2.56	28.62	2.56	30.19	2.56	31.21	2.56
	109.4	20.21	1.77	20.98	1.77	21.73	1.77	22.10	1.77	23.18	1.77	23.88	1.77
	114.8	12.55	0.98	12.97	0.98	13.38	0.98	13.58	0.98	14.18	0.98	14.57	0.98
FTXS09L + FTXS09L + FTXS15L + FTXS15L	68.0	38.93	2.76	40.68	2.82	42.43	2.87	43.31	2.90	45.93	2.98	47.68	3.04
	77.0	37.16	2.93	38.91	2.98	40.66	3.04	41.54	3.07	44.16	3.15	45.92	3.20
	86.0	35.39	3.11	37.14	3.16	38.89	3.22	39.77	3.25	42.40	3.33	44.15	3.39
	89.6	34.68	3.19	36.44	3.24	38.19	3.30	39.06	3.32	41.69	3.41	43.44	3.46
	95.0	33.62	3.31	35.37	3.36	37.12	3.42	38.00	3.44	40.63	3.53	42.38	3.58
	104.0	28.20	2.56	29.38	2.56	30.54	2.56	31.11	2.56	32.78	2.56	33.86	2.56
	109.4	21.76	1.77	22.57	1.77	23.37	1.77	23.76	1.77	24.91	1.77	25.66	1.77
	114.8	13.38	0.98	13.83	0.98	14.26	0.98	14.48	0.98	15.12	0.98	15.53	0.98
FTXS09L + FTXS09L + FTXS15L + CDXS15L	68.0	37.91	2.75	39.61	2.81	41.32	2.86	42.17	2.89	44.73	2.97	46.43	3.03
	77.0	36.18	2.92	37.89	2.97	39.59	3.03	40.45	3.06	43.00	3.14	44.71	3.19
	86.0	34.46	3.10	36.17	3.16	37.87	3.21	38.72	3.24	41.28	3.32	42.98	3.38
	89.6	33.77	3.18	35.48	3.23	37.18	3.29	38.03	3.31	40.59	3.40	42.30	3.45
	95.0	32.74	3.30	34.44	3.35	36.15	3.41	37.00	3.43	39.56	3.52	41.26	3.57
	104.0	27.60	2.56	28.76	2.56	29.90	2.56	30.46	2.56	32.10	2.56	33.16	2.56
	109.4	21.37	1.77	22.17	1.77	22.95	1.77	23.34	1.77	24.47	1.77	25.20	1.77
	114.8	13.17	0.98	13.61	0.98	14.04	0.98	14.26	0.98	14.88	0.98	15.29	0.98
FTXS09L + FTXS09L + CDXS15L + CDXS15L	68.0	36.88	2.74	38.54	2.79	40.20	2.85	41.03	2.87	43.52	2.96	45.18	3.01
	77.0	35.21	2.90	36.86	2.96	38.52	3.01	39.35	3.04	41.84	3.12	43.50	3.18
	86.0	33.53	3.08	35.19	3.14	36.85	3.19	37.68	3.22	40.16	3.30	41.82	3.36
	89.6	32.86	3.16	34.52	3.21	36.18	3.27	37.01	3.30	39.49	3.38	41.15	3.43
	95.0	31.85	3.28	33.51	3.33	35.17	3.39	36.00	3.41	38.49	3.50	40.15	3.55
	104.0	27.01	2.56	28.15	2.56	29.27	2.56	29.82	2.56	31.43	2.56	32.48	2.56
	109.4	20.98	1.77	21.77	1.77	22.54	1.77	22.91	1.77	24.02	1.77	24.75	1.77
	114.8	12.97	0.98	13.40	0.98	13.82	0.98	14.03	0.98	14.65	0.98	15.04	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FDXS09L + FTXS15L + FTXS15L	68.0	37.91	2.78	39.61	2.83	41.32	2.89	42.17	2.92	44.73	3.00	46.43	3.06
	77.0	36.18	2.95	37.89	3.00	39.59	3.06	40.45	3.08	43.00	3.17	44.71	3.22
	86.0	34.46	3.13	36.17	3.18	37.87	3.24	38.72	3.27	41.28	3.35	42.98	3.40
	89.6	33.77	3.21	35.48	3.26	37.18	3.32	38.03	3.34	40.59	3.43	42.30	3.48
	95.0	32.74	3.33	34.44	3.38	36.15	3.44	37.00	3.46	39.56	3.55	41.26	3.60
	104.0	27.56	2.56	28.72	2.56	29.85	2.56	30.41	2.56	32.04	2.56	33.10	2.56
	109.4	21.36	1.77	22.15	1.77	22.93	1.77	23.32	1.77	24.44	1.77	25.17	1.77
	114.8	13.17	0.98	13.61	0.98	14.04	0.98	14.25	0.98	14.87	0.98	15.28	0.98
FTXS09L + FDXS09L + FTXS15L + CDXS15L	68.0	36.88	2.73	38.54	2.78	40.20	2.84	41.03	2.87	43.52	2.95	45.18	3.00
	77.0	35.21	2.89	36.86	2.95	38.52	3.00	39.35	3.03	41.84	3.11	43.50	3.17
	86.0	33.53	3.07	35.19	3.13	36.85	3.18	37.68	3.21	40.16	3.29	41.82	3.35
	89.6	32.86	3.15	34.52	3.20	36.18	3.26	37.01	3.29	39.49	3.37	41.15	3.42
	95.0	31.85	3.27	33.51	3.32	35.17	3.38	36.00	3.40	38.49	3.49	40.15	3.54
	104.0	27.02	2.56	28.17	2.56	29.29	2.56	29.84	2.56	31.45	2.56	32.50	2.56
	109.4	20.98	1.77	21.77	1.77	22.54	1.77	22.92	1.77	24.03	1.77	24.75	1.77
	114.8	12.97	0.98	13.40	0.98	13.82	0.98	14.03	0.98	14.65	0.98	15.05	0.98
FTXS09L + FDXS09L + CDXS15L + CDXS15L	68.0	35.86	2.78	37.47	2.83	39.08	2.89	39.89	2.92	42.31	3.00	43.92	3.06
	77.0	34.23	2.95	35.84	3.00	37.45	3.06	38.26	3.08	40.68	3.17	42.29	3.22
	86.0	32.60	3.13	34.21	3.18	35.82	3.24	36.63	3.27	39.05	3.35	40.66	3.40
	89.6	31.95	3.21	33.56	3.26	35.17	3.32	35.98	3.34	38.40	3.43	40.01	3.48
	95.0	30.97	3.33	32.58	3.38	34.19	3.44	35.00	3.46	37.42	3.55	39.03	3.60
	104.0	26.35	2.56	27.46	2.56	28.55	2.56	29.08	2.56	30.65	2.56	31.67	2.56
	109.4	20.58	1.77	21.34	1.77	22.09	1.77	22.46	1.77	23.54	1.77	24.24	1.77
	114.8	12.77	0.98	13.19	0.98	13.60	0.98	13.81	0.98	14.40	0.98	14.79	0.98
FDXS09L + FDXS09L + FTXS15L + FTXS15L	68.0	36.88	2.67	38.54	2.73	40.20	2.78	41.03	2.81	43.52	2.89	45.18	2.94
	77.0	35.21	2.83	36.86	2.89	38.52	2.94	39.35	2.97	41.84	3.05	43.50	3.10
	86.0	33.53	3.01	35.19	3.06	36.85	3.12	37.68	3.14	40.16	3.22	41.82	3.28
	89.6	32.86	3.08	34.52	3.14	36.18	3.19	37.01	3.22	39.49	3.30	41.15	3.35
	95.0	31.85	3.20	33.51	3.25	35.17	3.31	36.00	3.33	38.49	3.41	40.15	3.47
	104.0	27.11	2.56	28.27	2.56	29.40	2.56	29.96	2.56	31.59	2.56	32.65	2.56
	109.4	21.02	1.77	21.81	1.77	22.59	1.77	22.97	1.77	24.10	1.77	24.82	1.77
	114.8	12.97	0.98	13.41	0.98	13.83	0.98	14.04	0.98	14.66	0.98	15.07	0.98
FDXS09L + FDXS09L + FTXS15L + CDXS15L	68.0	35.86	2.61	37.47	2.66	39.08	2.71	39.89	2.74	42.31	2.82	43.92	2.87
	77.0	34.23	2.77	35.84	2.82	37.45	2.87	38.26	2.90	40.68	2.97	42.29	3.03
	86.0	32.60	2.94	34.21	2.99	35.82	3.04	36.63	3.07	39.05	3.15	40.66	3.20
	89.6	31.95	3.01	33.56	3.06	35.17	3.11	35.98	3.14	38.40	3.22	40.01	3.27
	95.0	30.97	3.12	32.58	3.18	34.19	3.23	35.00	3.25	37.42	3.33	39.03	3.38
	104.0	26.60	2.56	27.75	2.56	28.87	2.56	29.42	2.56	31.03	2.56	32.08	2.56
	109.4	20.65	1.77	21.44	1.77	22.21	1.77	22.59	1.77	23.70	1.77	24.43	1.77
	114.8	12.76	0.98	13.19	0.98	13.62	0.98	13.83	0.98	14.44	0.98	14.84	0.98
FDXS09L + FDXS09L + CDXS15L + CDXS15L	68.0	34.83	2.65	36.40	2.70	37.97	2.76	38.75	2.78	41.10	2.86	42.67	2.91
	77.0	33.25	2.81	34.82	2.86	36.38	2.92	37.17	2.94	39.52	3.02	41.08	3.07
	86.0	31.67	2.98	33.23	3.04	34.80	3.09	35.58	3.12	37.93	3.19	39.50	3.25
	89.6	31.03	3.06	32.60	3.11	34.17	3.16	34.95	3.19	37.30	3.27	38.87	3.32
	95.0	30.08	3.17	31.65	3.22	33.22	3.28	34.00	3.30	36.35	3.38	37.92	3.44
	104.0	25.89	2.56	27.00	2.56	28.09	2.56	28.62	2.56	30.19	2.56	31.21	2.56
	109.4	20.21	1.77	20.98	1.77	21.73	1.77	22.10	1.77	23.18	1.77	23.88	1.77
	114.8	12.55	0.98	12.97	0.98	13.38	0.98	13.58	0.98	14.18	0.98	14.57	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS12L + FTXS12L + FTXS12L	68.0	38.93	2.75	40.68	2.81	42.43	2.86	43.31	2.89	45.93	2.97	47.68	3.03
	77.0	37.16	2.92	38.91	2.97	40.66	3.03	41.54	3.06	44.16	3.14	45.92	3.19
	86.0	35.39	3.10	37.14	3.16	38.89	3.21	39.77	3.24	42.40	3.32	44.15	3.38
	89.6	34.68	3.18	36.44	3.23	38.19	3.29	39.06	3.31	41.69	3.40	43.44	3.45
	95.0	33.62	3.30	35.37	3.35	37.12	3.41	38.00	3.43	40.63	3.52	42.38	3.57
	104.0	28.21	2.56	29.40	2.56	30.56	2.56	31.13	2.56	32.80	2.56	33.89	2.56
	109.4	21.76	1.77	22.58	1.77	23.38	1.77	23.77	1.77	24.92	1.77	25.67	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.48	0.98	15.12	0.98	15.53	0.98
FTXS09L + FTXS12L + FTXS12L + FDXS12L	68.0	37.91	2.73	39.61	2.78	41.32	2.84	42.17	2.87	44.73	2.95	46.43	3.00
	77.0	36.18	2.89	37.89	2.95	39.59	3.00	40.45	3.03	43.00	3.11	44.71	3.17
	86.0	34.46	3.07	36.17	3.13	37.87	3.18	38.72	3.21	41.28	3.29	42.98	3.35
	89.6	33.77	3.15	35.48	3.20	37.18	3.26	38.03	3.29	40.59	3.37	42.30	3.42
	95.0	32.74	3.27	34.44	3.32	36.15	3.38	37.00	3.40	39.56	3.49	41.26	3.54
	104.0	27.64	2.56	28.81	2.56	29.95	2.56	30.51	2.56	32.16	2.56	33.23	2.56
	109.4	21.38	1.77	22.19	1.77	22.97	1.77	23.36	1.77	24.49	1.77	25.23	1.77
	114.8	13.17	0.98	13.62	0.98	14.05	0.98	14.26	0.98	14.89	0.98	15.29	0.98
FTXS09L + FTXS12L + FDXS12L + FDXS12L	68.0	36.78	2.77	38.43	2.83	40.09	2.88	40.91	2.91	43.40	2.99	45.05	3.05
	77.0	35.11	2.94	36.76	2.99	38.42	3.05	39.24	3.08	41.72	3.16	43.38	3.21
	86.0	33.44	3.12	35.09	3.17	36.74	3.23	37.57	3.26	40.05	3.34	41.71	3.39
	89.6	32.77	3.20	34.42	3.25	36.08	3.31	36.90	3.33	39.38	3.42	41.04	3.47
	95.0	31.77	3.32	33.42	3.37	35.07	3.43	35.90	3.45	38.38	3.54	40.03	3.59
	104.0	26.91	2.56	28.04	2.56	29.15	2.56	29.69	2.56	31.29	2.56	32.33	2.56
	109.4	20.93	1.77	21.71	1.77	22.47	1.77	22.85	1.77	23.95	1.77	24.67	1.77
	114.8	12.95	0.98	13.38	0.98	13.80	0.98	14.01	0.98	14.62	0.98	15.01	0.98
FTXS09L + FDXS12L + FDXS12L + FDXS12L	68.0	35.76	2.75	37.36	2.80	38.97	2.86	39.78	2.88	42.19	2.97	43.79	3.02
	77.0	34.13	2.91	35.74	2.97	37.35	3.02	38.15	3.05	40.56	3.13	42.17	3.19
	86.0	32.51	3.09	34.11	3.15	35.72	3.20	36.53	3.23	38.94	3.31	40.54	3.37
	89.6	31.86	3.17	33.46	3.22	35.07	3.28	35.88	3.30	38.29	3.39	39.89	3.44
	95.0	30.88	3.29	32.49	3.34	34.10	3.40	34.90	3.42	37.31	3.51	38.92	3.56
	104.0	26.32	2.56	27.44	2.56	28.53	2.56	29.07	2.56	30.64	2.56	31.66	2.56
	109.4	20.54	1.77	21.31	1.77	22.06	1.77	22.43	1.77	23.51	1.77	24.22	1.77
	114.8	12.74	0.98	13.17	0.98	13.58	0.98	13.78	0.98	14.38	0.98	14.77	0.98
FDXS09L + FTXS12L + FTXS12L + FTXS12L	68.0	37.91	2.74	39.61	2.79	41.32	2.85	42.17	2.87	44.73	2.96	46.43	3.01
	77.0	36.18	2.90	37.89	2.96	39.59	3.01	40.45	3.04	43.00	3.12	44.71	3.18
	86.0	34.46	3.08	36.17	3.14	37.87	3.19	38.72	3.22	41.28	3.30	42.98	3.36
	89.6	33.77	3.16	35.48	3.21	37.18	3.27	38.03	3.30	40.59	3.38	42.30	3.43
	95.0	32.74	3.28	34.44	3.33	36.15	3.39	37.00	3.41	39.56	3.50	41.26	3.55
	104.0	27.63	2.56	28.79	2.56	29.93	2.56	30.49	2.56	32.14	2.56	33.21	2.56
	109.4	21.38	1.77	22.18	1.77	22.96	1.77	23.35	1.77	24.48	1.77	25.22	1.77
	114.8	13.17	0.98	13.61	0.98	14.05	0.98	14.26	0.98	14.88	0.98	15.29	0.98
FDXS09L + FTXS12L + FTXS12L + FDXS12L	68.0	36.78	2.77	38.43	2.83	40.09	2.88	40.91	2.91	43.40	2.99	45.05	3.05
	77.0	35.11	2.94	36.76	2.99	38.42	3.05	39.24	3.08	41.72	3.16	43.38	3.21
	86.0	33.44	3.12	35.09	3.17	36.74	3.23	37.57	3.26	40.05	3.34	41.71	3.39
	89.6	32.77	3.20	34.42	3.25	36.08	3.31	36.90	3.33	39.38	3.42	41.04	3.47
	95.0	31.77	3.32	33.42	3.37	35.07	3.43	35.90	3.45	38.38	3.54	40.03	3.59
	104.0	26.91	2.56	28.04	2.56	29.15	2.56	29.69	2.56	31.29	2.56	32.33	2.56
	109.4	20.93	1.77	21.71	1.77	22.47	1.77	22.85	1.77	23.95	1.77	24.67	1.77
	114.8	12.95	0.98	13.38	0.98	13.80	0.98	14.01	0.98	14.62	0.98	15.01	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FTXS12L + FDXS12L + FDXS12L	68.0	35.76	2.75	37.36	2.80	38.97	2.86	39.78	2.88	42.19	2.97	43.79	3.02
	77.0	34.13	2.91	35.74	2.97	37.35	3.02	38.15	3.05	40.56	3.13	42.17	3.19
	86.0	32.51	3.09	34.11	3.15	35.72	3.20	36.53	3.23	38.94	3.31	40.54	3.37
	89.6	31.86	3.17	33.46	3.22	35.07	3.28	35.88	3.30	38.29	3.39	39.89	3.44
	95.0	30.88	3.29	32.49	3.34	34.10	3.40	34.90	3.42	37.31	3.51	38.92	3.56
	104.0	26.32	2.56	27.44	2.56	28.53	2.56	29.07	2.56	30.64	2.56	31.66	2.56
	109.4	20.54	1.77	21.31	1.77	22.06	1.77	22.43	1.77	23.51	1.77	24.22	1.77
	114.8	12.74	0.98	13.17	0.98	13.58	0.98	13.78	0.98	14.38	0.98	14.77	0.98
FDXS09L + FDXS12L + FDXS12L + FDXS12L	68.0	34.63	2.67	36.19	2.73	37.74	2.78	38.52	2.81	40.86	2.89	42.41	2.94
	77.0	33.05	2.83	34.61	2.89	36.17	2.94	36.95	2.97	39.28	3.05	40.84	3.10
	86.0	31.48	3.01	33.04	3.06	34.60	3.12	35.37	3.14	37.71	3.22	39.27	3.28
	89.6	30.85	3.08	32.41	3.14	33.97	3.19	34.74	3.22	37.08	3.30	38.64	3.35
	95.0	29.91	3.20	31.46	3.25	33.02	3.31	33.80	3.33	36.14	3.41	37.69	3.47
	104.0	25.73	2.56	26.83	2.56	27.91	2.56	28.44	2.56	30.00	2.56	31.01	2.56
	109.4	20.12	1.77	20.88	1.77	21.62	1.77	21.99	1.77	23.06	1.77	23.76	1.77
	114.8	12.51	0.98	12.92	0.98	13.33	0.98	13.53	0.98	14.13	0.98	14.51	0.98
FTXS09L + FTXS12L + FTXS12L + FTXS15L	68.0	38.93	2.74	40.68	2.79	42.43	2.85	43.31	2.87	45.93	2.96	47.68	3.01
	77.0	37.16	2.90	38.91	2.96	40.66	3.01	41.54	3.04	44.16	3.12	45.92	3.18
	86.0	35.39	3.08	37.14	3.14	38.89	3.19	39.77	3.22	42.40	3.30	44.15	3.36
	89.6	34.68	3.16	36.44	3.21	38.19	3.27	39.06	3.30	41.69	3.38	43.44	3.43
	95.0	33.62	3.28	35.37	3.33	37.12	3.39	38.00	3.41	40.63	3.50	42.38	3.55
	104.0	28.24	2.56	29.43	2.56	30.60	2.56	31.17	2.56	32.84	2.56	33.93	2.56
	109.4	21.77	1.77	22.59	1.77	23.39	1.77	23.79	1.77	24.94	1.77	25.69	1.77
	114.8	13.38	0.98	13.83	0.98	14.27	0.98	14.49	0.98	15.12	0.98	15.54	0.98
FTXS09L + FTXS12L + FTXS12L + CDXS15L	68.0	37.91	2.72	39.61	2.78	41.32	2.83	42.17	2.86	44.73	2.94	46.43	2.99
	77.0	36.18	2.89	37.89	2.94	39.59	2.99	40.45	3.02	43.00	3.10	44.71	3.16
	86.0	34.46	3.06	36.17	3.12	37.87	3.17	38.72	3.20	41.28	3.28	42.98	3.34
	89.6	33.77	3.14	35.48	3.19	37.18	3.25	38.03	3.28	40.59	3.36	42.30	3.41
	95.0	32.74	3.26	34.44	3.31	36.15	3.37	37.00	3.39	39.56	3.47	41.26	3.53
	104.0	27.65	2.56	28.82	2.56	29.97	2.56	30.53	2.56	32.18	2.56	33.25	2.56
	109.4	21.39	1.77	22.19	1.77	22.98	1.77	23.37	1.77	24.50	1.77	25.24	1.77
	114.8	13.17	0.98	13.62	0.98	14.05	0.98	14.26	0.98	14.89	0.98	15.30	0.98
FTXS09L + FTXS12L + FDXS12L + FTXS15L	68.0	37.91	2.71	39.61	2.77	41.32	2.82	42.17	2.85	44.73	2.93	46.43	2.98
	77.0	36.18	2.88	37.89	2.93	39.59	2.99	40.45	3.01	43.00	3.09	44.71	3.15
	86.0	34.46	3.06	36.17	3.11	37.87	3.16	38.72	3.19	41.28	3.27	42.98	3.33
	89.6	33.77	3.13	35.48	3.19	37.18	3.24	38.03	3.27	40.59	3.35	42.30	3.40
	95.0	32.74	3.25	34.44	3.30	36.15	3.36	37.00	3.38	39.56	3.46	41.26	3.52
	104.0	27.67	2.56	28.84	2.56	29.98	2.56	30.55	2.56	32.20	2.56	33.27	2.56
	109.4	21.39	1.77	22.20	1.77	22.99	1.77	23.37	1.77	24.51	1.77	25.25	1.77
	114.8	13.17	0.98	13.62	0.98	14.05	0.98	14.27	0.98	14.89	0.98	15.30	0.98
FTXS09L + FTXS12L + FDXS12L + CDXS15L	68.0	36.88	2.75	38.54	2.81	40.20	2.86	41.03	2.89	43.52	2.97	45.18	3.03
	77.0	35.21	2.92	36.86	2.97	38.52	3.03	39.35	3.06	41.84	3.14	43.50	3.19
	86.0	33.53	3.10	35.19	3.16	36.85	3.21	37.68	3.24	40.16	3.32	41.82	3.38
	89.6	32.86	3.18	34.52	3.23	36.18	3.29	37.01	3.31	39.49	3.40	41.15	3.45
	95.0	31.85	3.30	33.51	3.35	35.17	3.41	36.00	3.43	38.49	3.52	40.15	3.57
	104.0	26.99	2.56	28.13	2.56	29.24	2.56	29.79	2.56	31.40	2.56	32.44	2.56
	109.4	20.97	1.77	21.76	1.77	22.52	1.77	22.90	1.77	24.01	1.77	24.73	1.77
	114.8	12.97	0.98	13.40	0.98	13.82	0.98	14.03	0.98	14.64	0.98	15.04	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FDXS12L + FDXS12L + FTXS15L	68.0	36.88	2.75	38.54	2.81	40.20	2.86	41.03	2.89	43.52	2.97	45.18	3.03
	77.0	35.21	2.92	36.86	2.97	38.52	3.03	39.35	3.06	41.84	3.14	43.50	3.19
	86.0	33.53	3.10	35.19	3.16	36.85	3.21	37.68	3.24	40.16	3.32	41.82	3.38
	89.6	32.86	3.18	34.52	3.23	36.18	3.29	37.01	3.31	39.49	3.40	41.15	3.45
	95.0	31.85	3.30	33.51	3.35	35.17	3.41	36.00	3.43	38.49	3.52	40.15	3.57
	104.0	26.99	2.56	28.13	2.56	29.24	2.56	29.79	2.56	31.40	2.56	32.44	2.56
	109.4	20.97	1.77	21.76	1.77	22.52	1.77	22.90	1.77	24.01	1.77	24.73	1.77
	114.8	12.97	0.98	13.40	0.98	13.82	0.98	14.03	0.98	14.64	0.98	15.04	0.98
FTXS09L + FDXS12L + FDXS12L + CDXS15L	68.0	35.86	2.73	37.47	2.78	39.08	2.84	39.89	2.87	42.31	2.95	43.92	3.00
	77.0	34.23	2.89	35.84	2.95	37.45	3.00	38.26	3.03	40.68	3.11	42.29	3.17
	86.0	32.60	3.07	34.21	3.13	35.82	3.18	36.63	3.21	39.05	3.29	40.66	3.35
	89.6	31.95	3.15	33.56	3.20	35.17	3.26	35.98	3.29	38.40	3.37	40.01	3.42
	95.0	30.97	3.27	32.58	3.32	34.19	3.38	35.00	3.40	37.42	3.49	39.03	3.54
	104.0	26.40	2.56	27.52	2.56	28.62	2.56	29.16	2.56	30.74	2.56	31.77	2.56
	109.4	20.59	1.77	21.36	1.77	22.11	1.77	22.48	1.77	23.57	1.77	24.28	1.77
	114.8	12.76	0.98	13.19	0.98	13.60	0.98	13.81	0.98	14.41	0.98	14.80	0.98
FDXS09L + FTXS12L + FTXS12L + FTXS15L	68.0	37.91	2.72	39.61	2.78	41.32	2.83	42.17	2.86	44.73	2.94	46.43	2.99
	77.0	36.18	2.89	37.89	2.94	39.59	2.99	40.45	3.02	43.00	3.10	44.71	3.16
	86.0	34.46	3.06	36.17	3.12	37.87	3.17	38.72	3.20	41.28	3.28	42.98	3.34
	89.6	33.77	3.14	35.48	3.19	37.18	3.25	38.03	3.28	40.59	3.36	42.30	3.41
	95.0	32.74	3.26	34.44	3.31	36.15	3.37	37.00	3.39	39.56	3.47	41.26	3.53
	104.0	27.65	2.56	28.82	2.56	29.97	2.56	30.53	2.56	32.18	2.56	33.25	2.56
	109.4	21.39	1.77	22.19	1.77	22.98	1.77	23.37	1.77	24.50	1.77	25.24	1.77
	114.8	13.17	0.98	13.62	0.98	14.05	0.98	14.26	0.98	14.89	0.98	15.30	0.98
FDXS09L + FTXS12L + FTXS12L + CDXS15L	68.0	36.88	2.75	38.54	2.81	40.20	2.86	41.03	2.89	43.52	2.97	45.18	3.03
	77.0	35.21	2.92	36.86	2.97	38.52	3.03	39.35	3.06	41.84	3.14	43.50	3.19
	86.0	33.53	3.10	35.19	3.16	36.85	3.21	37.68	3.24	40.16	3.32	41.82	3.38
	89.6	32.86	3.18	34.52	3.23	36.18	3.29	37.01	3.31	39.49	3.40	41.15	3.45
	95.0	31.85	3.30	33.51	3.35	35.17	3.41	36.00	3.43	38.49	3.52	40.15	3.57
	104.0	26.99	2.56	28.13	2.56	29.24	2.56	29.79	2.56	31.40	2.56	32.44	2.56
	109.4	20.97	1.77	21.76	1.77	22.52	1.77	22.90	1.77	24.01	1.77	24.73	1.77
	114.8	12.97	0.98	13.40	0.98	13.82	0.98	14.03	0.98	14.64	0.98	15.04	0.98
FDXS09L + FTXS12L + FDXS12L + FTXS15L	68.0	36.88	2.70	38.54	2.75	40.20	2.81	41.03	2.83	43.52	2.91	45.18	2.97
	77.0	35.21	2.86	36.86	2.91	38.52	2.97	39.35	2.99	41.84	3.08	43.50	3.13
	86.0	33.53	3.04	35.19	3.09	36.85	3.15	37.68	3.17	40.16	3.25	41.82	3.31
	89.6	32.86	3.11	34.52	3.17	36.18	3.22	37.01	3.25	39.49	3.33	41.15	3.38
	95.0	31.85	3.23	33.51	3.28	35.17	3.34	36.00	3.36	38.49	3.44	40.15	3.50
	104.0	27.07	2.56	28.22	2.56	29.35	2.56	29.90	2.56	31.53	2.56	32.58	2.56
	109.4	21.00	1.77	21.79	1.77	22.57	1.77	22.95	1.77	24.07	1.77	24.79	1.77
	114.8	12.97	0.98	13.40	0.98	13.83	0.98	14.04	0.98	14.66	0.98	15.06	0.98
FDXS09L + FTXS12L + FDXS12L + CDXS15L	68.0	35.86	2.74	37.47	2.79	39.08	2.85	39.89	2.87	42.31	2.96	43.92	3.01
	77.0	34.23	2.90	35.84	2.96	37.45	3.01	38.26	3.04	40.68	3.12	42.29	3.18
	86.0	32.60	3.08	34.21	3.14	35.82	3.19	36.63	3.22	39.05	3.30	40.66	3.36
	89.6	31.95	3.16	33.56	3.21	35.17	3.27	35.98	3.30	38.40	3.38	40.01	3.43
	95.0	30.97	3.28	32.58	3.33	34.19	3.39	35.00	3.41	37.42	3.50	39.03	3.55
	104.0	26.39	2.56	27.51	2.56	28.61	2.56	29.15	2.56	30.72	2.56	31.75	2.56
	109.4	20.58	1.77	21.35	1.77	22.11	1.77	22.48	1.77	23.56	1.77	24.27	1.77
	114.8	12.76	0.98	13.19	0.98	13.60	0.98	13.81	0.98	14.41	0.98	14.80	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FDXS12L + FDXS12L + FTXS15L	68.0	35.86	2.63	37.47	2.68	39.08	2.73	39.89	2.76	42.31	2.84	43.92	2.89
	77.0	34.23	2.78	35.84	2.84	37.45	2.89	38.26	2.91	40.68	2.99	42.29	3.05
	86.0	32.60	2.96	34.21	3.01	35.82	3.06	36.63	3.09	39.05	3.17	40.66	3.22
	89.6	31.95	3.03	33.56	3.08	35.17	3.13	35.98	3.16	38.40	3.24	40.01	3.29
	95.0	30.97	3.14	32.58	3.19	34.19	3.25	35.00	3.27	37.42	3.35	39.03	3.40
	104.0	26.57	2.56	27.71	2.56	28.83	2.56	29.38	2.56	30.99	2.56	32.03	2.56
	109.4	20.64	1.77	21.43	1.77	22.19	1.77	22.57	1.77	23.68	1.77	24.40	1.77
	114.8	12.76	0.98	13.19	0.98	13.62	0.98	13.82	0.98	14.44	0.98	14.83	0.98
FDXS09L + FDXS12L + FDXS12L + CDXS15L	68.0	34.83	2.67	36.40	2.72	37.97	2.77	38.75	2.80	41.10	2.88	42.67	2.93
	77.0	33.25	2.83	34.82	2.88	36.38	2.93	37.17	2.96	39.52	3.04	41.08	3.09
	86.0	31.67	3.00	33.23	3.05	34.80	3.11	35.58	3.13	37.93	3.21	39.50	3.27
	89.6	31.03	3.08	32.60	3.13	34.17	3.18	34.95	3.21	37.30	3.29	38.87	3.34
	95.0	30.08	3.19	31.65	3.24	33.22	3.30	34.00	3.32	36.35	3.40	37.92	3.46
	104.0	25.86	2.56	26.97	2.56	28.06	2.56	28.59	2.56	30.16	2.56	31.17	2.56
	109.4	20.21	1.77	20.97	1.77	21.72	1.77	22.08	1.77	23.16	1.77	23.86	1.77
	114.8	12.55	0.98	12.97	0.98	13.38	0.98	13.58	0.98	14.18	0.98	14.56	0.98
FTXS12L + FTXS12L + FTXS12L + FTXS12L	68.0	38.93	2.76	40.68	2.82	42.43	2.87	43.31	2.90	45.93	2.98	47.68	3.04
	77.0	37.16	2.93	38.91	2.98	40.66	3.04	41.54	3.07	44.16	3.15	45.92	3.20
	86.0	35.39	3.11	37.14	3.16	38.89	3.22	39.77	3.25	42.40	3.33	44.15	3.39
	89.6	34.68	3.19	36.44	3.24	38.19	3.30	39.06	3.32	41.69	3.41	43.44	3.46
	95.0	33.62	3.31	35.37	3.36	37.12	3.42	38.00	3.44	40.63	3.53	42.38	3.58
	104.0	28.20	2.56	29.38	2.56	30.54	2.56	31.11	2.56	32.78	2.56	33.86	2.56
	109.4	21.76	1.77	22.57	1.77	23.37	1.77	23.76	1.77	24.91	1.77	25.66	1.77
	114.8	13.38	0.98	13.83	0.98	14.26	0.98	14.48	0.98	15.12	0.98	15.53	0.98
FTXS12L + FTXS12L + FTXS12L + FDXS12L	68.0	37.91	2.74	39.61	2.79	41.32	2.85	42.17	2.87	44.73	2.96	46.43	3.01
	77.0	36.18	2.90	37.89	2.96	39.59	3.01	40.45	3.04	43.00	3.12	44.71	3.18
	86.0	34.46	3.08	36.17	3.14	37.87	3.19	38.72	3.22	41.28	3.30	42.98	3.36
	89.6	33.77	3.16	35.48	3.21	37.18	3.27	38.03	3.30	40.59	3.38	42.30	3.43
	95.0	32.74	3.28	34.44	3.33	36.15	3.39	37.00	3.41	39.56	3.50	41.26	3.55
	104.0	27.63	2.56	28.79	2.56	29.93	2.56	30.49	2.56	32.14	2.56	33.21	2.56
	109.4	21.38	1.77	22.18	1.77	22.96	1.77	23.35	1.77	24.48	1.77	25.22	1.77
	114.8	13.17	0.98	13.61	0.98	14.05	0.98	14.26	0.98	14.88	0.98	15.29	0.98
FTXS12L + FDXS12L + FDXS12L + FDXS12L	68.0	36.88	2.77	38.54	2.83	40.20	2.88	41.03	2.91	43.52	2.99	45.18	3.05
	77.0	35.21	2.94	36.86	2.99	38.52	3.05	39.35	3.08	41.84	3.16	43.50	3.21
	86.0	33.53	3.12	35.19	3.17	36.85	3.23	37.68	3.26	40.16	3.34	41.82	3.39
	89.6	32.86	3.20	34.52	3.25	36.18	3.31	37.01	3.33	39.49	3.42	41.15	3.47
	95.0	31.85	3.32	33.51	3.37	35.17	3.43	36.00	3.45	38.49	3.54	40.15	3.59
	104.0	26.97	2.56	28.10	2.56	29.21	2.56	29.76	2.56	31.36	2.56	32.40	2.56
	109.4	20.97	1.77	21.75	1.77	22.52	1.77	22.89	1.77	24.00	1.77	24.71	1.77
	114.8	12.97	0.98	13.40	0.98	13.82	0.98	14.03	0.98	14.64	0.98	15.04	0.98
FTXS12L + FDXS12L + FDXS12L + FDXS12L	68.0	35.86	2.75	37.47	2.80	39.08	2.86	39.89	2.88	42.31	2.97	43.92	3.02
	77.0	34.23	2.91	35.84	2.97	37.45	3.02	38.26	3.05	40.68	3.13	42.29	3.19
	86.0	32.60	3.09	34.21	3.15	35.82	3.20	36.63	3.23	39.05	3.31	40.66	3.37
	89.6	31.95	3.17	33.56	3.22	35.17	3.28	35.98	3.30	38.40	3.39	40.01	3.44
	95.0	30.97	3.29	32.58	3.34	34.19	3.40	35.00	3.42	37.42	3.51	39.03	3.56
	104.0	26.38	2.56	27.50	2.56	28.60	2.56	29.13	2.56	30.71	2.56	31.73	2.56
	109.4	20.58	1.77	21.35	1.77	22.10	1.77	22.47	1.77	23.56	1.77	24.26	1.77
	114.8	12.76	0.98	13.19	0.98	13.60	0.98	13.81	0.98	14.41	0.98	14.80	0.98

Combination (Capacity)	Outdoor air temp. EDB (°F)	Indoor air temp. EWB (°F)											
		57.2		60.8		64.4		67.0		71.6		75.2	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS12L + FDXS12L + FDXS12L + FDXS12L	68.0	34.83	2.72	36.40	2.78	37.97	2.83	38.75	2.86	41.10	2.94	42.67	2.99
	77.0	33.25	2.89	34.82	2.94	36.38	2.99	37.17	3.02	39.52	3.10	41.08	3.16
	86.0	31.67	3.06	33.23	3.12	34.80	3.17	35.58	3.20	37.93	3.28	39.50	3.34
	89.6	31.03	3.14	32.60	3.19	34.17	3.25	34.95	3.28	37.30	3.36	38.87	3.41
	95.0	30.08	3.26	31.65	3.31	33.22	3.37	34.00	3.39	36.35	3.47	37.92	3.53
	104.0	25.79	2.56	26.89	2.56	27.97	2.56	28.50	2.56	30.05	2.56	31.05	2.56
	109.4	20.19	1.77	20.95	1.77	21.68	1.77	22.05	1.77	23.12	1.77	23.81	1.77
	114.8	12.55	0.98	12.97	0.98	13.38	0.98	13.58	0.98	14.17	0.98	14.55	0.98

Symbols:

EWB	: Entering wet bulb temp.	(°F)
EDB	: Entering dry bulb temp.	(°F)
TC	: Total capacity	(kBtu/h)
PI	: Power input	(kW)

Notes:

1. Ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. ■ shows max capacities and power input.
3. TC and PI must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
4. Capacities are based on the following conditions.
5. Corresponding refrigerant piping length : 25 ft

C: 3D094022 ~ 3D094024
C: 3D094026 ~ 3D094029
C: 3D094030 ~ 3D094039
C: 3D094040 ~ 3D094049
C: 3D094050 ~ 3D094051
C: 3D094053 ~ 3D094059
C: 3D094060 ~ 3D094065
C: 3D094067 ~ 3D094069
C: 3D094070 ~ 3D094072

Heating [60 Hz, 208 - 230 V]

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L	60.8	5.44	0.39	6.54	0.41	7.63	0.43	8.73	0.45	10.04	0.48	10.92	0.49	12.01	0.52
	64.4	5.31	0.40	6.40	0.42	7.50	0.44	8.59	0.46	9.91	0.48	10.78	0.50	11.88	0.52
	68.0	5.17	0.40	6.27	0.42	7.36	0.44	8.46	0.46	9.77	0.49	10.65	0.50	11.75	0.52
	70.0	5.10	0.41	6.20	0.43	7.29	0.45	8.39	0.47	9.70	0.49	10.58	0.51	11.67	0.53
	71.6	5.04	0.41	6.14	0.43	7.23	0.45	8.33	0.47	9.64	0.49	10.52	0.51	11.61	0.53
	75.2	4.91	0.41	6.00	0.43	7.10	0.45	8.19	0.47	9.51	0.50	10.38	0.51	11.48	0.53
FTXS09L	60.8	7.01	0.55	8.42	0.58	9.84	0.61	11.25	0.64	12.94	0.67	14.07	0.70	15.48	0.73
	64.4	6.84	0.56	8.25	0.59	9.66	0.62	11.07	0.65	12.77	0.68	13.90	0.70	15.31	0.73
	68.0	6.67	0.57	8.08	0.60	9.49	0.62	10.90	0.65	12.60	0.69	13.73	0.71	15.14	0.74
	70.0	6.57	0.57	7.98	0.60	9.39	0.63	10.81	0.66	12.50	0.69	13.63	0.71	15.04	0.74
	71.6	6.50	0.57	7.91	0.60	9.32	0.63	10.73	0.66	12.42	0.69	13.55	0.72	14.96	0.74
	75.2	6.32	0.58	7.73	0.61	9.15	0.64	10.56	0.66	12.25	0.70	13.38	0.72	14.79	0.75
FDXS09L	60.8	7.01	0.60	8.42	0.63	9.84	0.66	11.25	0.70	12.94	0.73	14.07	0.76	15.48	0.79
	64.4	6.84	0.61	8.25	0.64	9.66	0.67	11.07	0.70	12.77	0.74	13.90	0.76	15.31	0.80
	68.0	6.67	0.62	8.08	0.65	9.49	0.68	10.90	0.71	12.60	0.75	13.73	0.77	15.14	0.80
	70.0	6.57	0.62	7.98	0.65	9.39	0.68	10.81	0.71	12.50	0.75	13.63	0.77	15.04	0.81
	71.6	6.50	0.62	7.91	0.65	9.32	0.69	10.73	0.72	12.42	0.75	13.55	0.78	14.96	0.81
	75.2	6.32	0.63	7.73	0.66	9.15	0.69	10.56	0.72	12.25	0.76	13.38	0.78	14.79	0.82
FTXS12L	60.8	9.37	0.80	11.25	0.85	13.14	0.89	15.03	0.93	17.29	0.98	18.80	1.01	20.68	1.05
	64.4	9.14	0.81	11.02	0.85	12.91	0.90	14.80	0.94	17.06	0.99	18.57	1.02	20.45	1.06
	68.0	8.91	0.82	10.79	0.86	12.68	0.90	14.57	0.95	16.83	0.99	18.34	1.03	20.22	1.07
	70.0	8.78	0.83	10.67	0.87	12.55	0.91	14.44	0.95	16.70	1.00	18.21	1.03	20.09	1.07
	71.6	8.68	0.83	10.56	0.87	12.45	0.91	14.33	0.95	16.60	1.00	18.11	1.04	19.99	1.08
	75.2	8.45	0.84	10.33	0.88	12.22	0.92	14.10	0.96	16.37	1.01	17.88	1.05	19.76	1.09
FDXS12L	60.8	9.37	0.92	11.25	0.97	13.14	1.02	15.03	1.07	17.29	1.12	18.80	1.16	20.68	1.21
	64.4	9.14	0.93	11.02	0.98	12.91	1.03	14.80	1.08	17.06	1.13	18.57	1.17	20.45	1.22
	68.0	8.91	0.95	10.79	0.99	12.68	1.04	14.57	1.09	16.83	1.14	18.34	1.18	20.22	1.23
	70.0	8.78	0.95	10.67	1.00	12.55	1.05	14.44	1.09	16.70	1.15	18.21	1.19	20.09	1.24
	71.6	8.68	0.96	10.56	1.00	12.45	1.05	14.33	1.10	16.60	1.15	18.11	1.19	19.99	1.24
	75.2	8.45	0.97	10.33	1.01	12.22	1.06	14.10	1.11	16.37	1.16	17.88	1.20	19.76	1.25
FTXS15L	60.8	11.67	0.92	14.02	0.96	16.37	1.01	18.72	1.06	21.53	1.11	23.41	1.15	25.76	1.20
	64.4	11.38	0.93	13.73	0.97	16.08	1.02	18.43	1.07	21.25	1.12	23.13	1.16	25.47	1.21
	68.0	11.10	0.94	13.44	0.98	15.79	1.03	18.14	1.08	20.96	1.13	22.84	1.17	25.19	1.22
	70.0	10.94	0.94	13.28	0.99	15.63	1.04	17.98	1.08	20.80	1.14	22.68	1.18	25.03	1.22
	71.6	10.81	0.95	13.16	0.99	15.51	1.04	17.85	1.09	20.67	1.14	22.55	1.18	24.90	1.23
	75.2	10.52	0.96	12.87	1.00	15.22	1.05	17.57	1.10	20.39	1.15	22.26	1.19	24.61	1.24
CDXS15L	60.8	11.67	1.25	14.02	1.32	16.37	1.38	18.72	1.45	21.53	1.52	23.41	1.58	25.76	1.64
	64.4	11.38	1.27	13.73	1.33	16.08	1.40	18.43	1.46	21.25	1.54	23.13	1.59	25.47	1.65
	68.0	11.10	1.28	13.44	1.35	15.79	1.41	18.14	1.48	20.96	1.55	22.84	1.60	25.19	1.67
	70.0	10.94	1.29	13.28	1.35	15.63	1.42	17.98	1.48	20.80	1.56	22.68	1.61	25.03	1.68
	71.6	10.81	1.30	13.16	1.36	15.51	1.42	17.85	1.49	20.67	1.57	22.55	1.62	24.90	1.68
	75.2	10.52	1.31	12.87	1.37	15.22	1.44	17.57	1.50	20.39	1.58	22.26	1.63	24.61	1.70
FTXS18L	60.8	14.03	1.17	16.85	1.23	19.67	1.29	22.49	1.34	25.88	1.42	28.14	1.46	30.96	1.52
	64.4	13.68	1.18	16.50	1.24	19.33	1.30	22.15	1.36	25.54	1.43	27.80	1.48	30.62	1.54
	68.0	13.34	1.19	16.16	1.25	18.98	1.31	21.80	1.37	25.19	1.44	27.45	1.49	30.27	1.55
	70.0	13.14	1.20	15.97	1.26	18.79	1.32	21.61	1.38	25.00	1.45	27.26	1.50	30.08	1.56
	71.6	12.99	1.21	15.81	1.26	18.64	1.32	21.46	1.38	24.85	1.46	27.10	1.50	29.93	1.56
	75.2	12.65	1.22	15.47	1.28	18.29	1.34	21.11	1.40	24.50	1.47	26.76	1.52	29.58	1.58

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CDXS18L	60.8	14.03	1.62	16.85	1.71	19.67	1.79	22.49	1.87	25.88	1.97	28.14	2.04	30.96	2.12
	64.4	13.68	1.64	16.50	1.73	19.33	1.81	22.15	1.89	25.54	1.99	27.80	2.06	30.62	2.14
	68.0	13.34	1.66	16.16	1.74	18.98	1.83	21.80	1.91	25.19	2.01	27.45	2.08	30.27	2.16
	70.0	13.14	1.67	15.97	1.75	18.79	1.84	21.61	1.92	25.00	2.02	27.26	2.09	30.08	2.17
	71.6	12.99	1.68	15.81	1.76	18.64	1.85	21.46	1.93	24.85	2.03	27.10	2.09	29.93	2.18
	75.2	12.65	1.70	15.47	1.78	18.29	1.86	21.11	1.95	24.50	2.05	26.76	2.11	29.58	2.20
FTXS24L	60.8	19.30	1.86	23.18	1.95	27.07	2.05	30.95	2.14	35.61	2.26	38.72	2.33	42.61	2.43
	64.4	18.82	1.88	22.71	1.97	26.59	2.07	30.48	2.16	35.14	2.28	38.25	2.35	42.13	2.45
	68.0	18.35	1.90	22.23	1.99	26.12	2.09	30.00	2.18	34.66	2.30	37.77	2.37	41.66	2.47
	70.0	18.09	1.91	21.97	2.01	25.85	2.10	29.74	2.20	34.40	2.31	37.51	2.39	41.39	2.48
	71.6	17.87	1.92	21.76	2.01	25.64	2.11	29.53	2.21	34.19	2.32	37.30	2.40	41.18	2.49
	75.2	17.40	1.94	21.28	2.04	25.17	2.13	29.05	2.23	33.71	2.34	36.82	2.42	40.71	2.51
CDXS24L	60.8	16.66	2.05	20.02	2.16	23.37	2.26	26.72	2.37	30.75	2.49	33.43	2.58	36.78	2.68
	64.4	16.25	2.07	19.61	2.18	22.96	2.28	26.31	2.39	30.34	2.51	33.02	2.60	36.37	2.70
	68.0	15.84	2.10	19.20	2.20	22.55	2.31	25.90	2.41	29.93	2.54	32.61	2.62	35.96	2.73
	70.0	15.61	2.11	18.97	2.21	22.32	2.32	25.68	2.42	29.70	2.55	32.38	2.63	35.74	2.74
	71.6	15.43	2.12	18.79	2.22	22.14	2.33	25.49	2.43	29.52	2.56	32.20	2.64	35.55	2.75
	75.2	15.02	2.14	18.38	2.25	21.73	2.35	25.08	2.46	29.11	2.58	31.79	2.67	35.14	2.77
CTXS07L + CTXS07L	60.8	10.88	0.80	13.07	0.84	15.27	0.88	17.46	0.92	20.08	0.97	21.84	1.00	24.03	1.04
	64.4	10.62	0.80	12.81	0.85	15.00	0.89	17.19	0.93	19.82	0.98	21.57	1.01	23.76	1.05
	68.0	10.35	0.81	12.54	0.85	14.73	0.90	16.92	0.94	19.55	0.99	21.30	1.02	23.49	1.06
	70.0	10.20	0.82	12.39	0.86	14.58	0.90	16.77	0.94	19.40	0.99	21.15	1.02	23.34	1.06
	71.6	10.08	0.82	12.27	0.86	14.46	0.90	16.65	0.95	19.28	0.99	21.03	1.03	23.22	1.07
	75.2	9.81	0.83	12.00	0.87	14.19	0.91	16.38	0.95	19.01	1.00	20.77	1.04	22.96	1.08
CTXS07L + FTXS09L	60.8	12.45	0.92	14.96	0.97	17.47	1.02	19.98	1.07	22.98	1.12	24.99	1.16	27.50	1.21
	64.4	12.15	0.93	14.66	0.98	17.16	1.03	19.67	1.08	22.68	1.13	24.68	1.17	27.19	1.22
	68.0	11.84	0.95	14.35	0.99	16.86	1.04	19.36	1.09	22.37	1.14	24.38	1.18	26.88	1.23
	70.0	11.67	0.95	14.18	1.00	16.69	1.05	19.19	1.09	22.20	1.15	24.21	1.19	26.71	1.24
	71.6	11.54	0.96	14.04	1.00	16.55	1.05	19.06	1.10	22.06	1.15	24.07	1.19	26.58	1.24
	75.2	11.23	0.97	13.74	1.01	16.24	1.06	18.75	1.11	21.76	1.16	23.76	1.20	26.27	1.25
CTXS07L + FDXS09L	60.8	12.45	1.05	14.96	1.10	17.47	1.15	19.98	1.21	22.98	1.27	24.99	1.31	27.50	1.37
	64.4	12.15	1.06	14.66	1.11	17.16	1.16	19.67	1.22	22.68	1.28	24.68	1.32	27.19	1.38
	68.0	11.84	1.07	14.35	1.12	16.86	1.18	19.36	1.23	22.37	1.29	24.38	1.34	26.88	1.39
	70.0	11.67	1.08	14.18	1.13	16.69	1.18	19.19	1.24	22.20	1.30	24.21	1.34	26.71	1.40
	71.6	11.54	1.08	14.04	1.13	16.55	1.19	19.06	1.24	22.06	1.31	24.07	1.35	26.58	1.40
	75.2	11.23	1.09	13.74	1.15	16.24	1.20	18.75	1.25	21.76	1.32	23.76	1.36	26.27	1.41
CTXS07L + FTXS12L	60.8	14.92	1.17	17.93	1.23	20.93	1.29	23.93	1.35	27.54	1.43	29.94	1.47	32.95	1.53
	64.4	14.56	1.19	17.56	1.25	20.56	1.31	23.57	1.37	27.17	1.44	29.57	1.49	32.58	1.55
	68.0	14.19	1.20	17.19	1.26	20.20	1.32	23.20	1.38	26.80	1.45	29.21	1.50	32.21	1.56
	70.0	13.98	1.21	16.99	1.27	19.99	1.33	23.00	1.39	26.60	1.46	29.00	1.51	32.01	1.57
	71.6	13.82	1.21	16.83	1.27	19.83	1.33	22.83	1.39	26.44	1.47	28.84	1.51	31.84	1.57
	75.2	13.45	1.23	16.46	1.29	19.46	1.35	22.47	1.41	26.07	1.48	28.47	1.53	31.48	1.59
CTXS07L + FDXS12L	60.8	14.70	1.33	17.66	1.39	20.62	1.46	23.57	1.53	27.12	1.61	29.49	1.67	32.45	1.73
	64.4	14.34	1.34	17.30	1.41	20.25	1.48	23.21	1.55	26.76	1.63	29.13	1.68	32.09	1.75
	68.0	13.98	1.36	16.93	1.42	19.89	1.49	22.85	1.56	26.40	1.64	28.77	1.70	31.73	1.76
	70.0	13.77	1.36	16.73	1.43	19.69	1.50	22.65	1.57	26.20	1.65	28.57	1.70	31.53	1.77
	71.6	13.61	1.37	16.57	1.44	19.53	1.51	22.49	1.58	26.04	1.66	28.41	1.71	31.36	1.78
	75.2	13.25	1.39	16.21	1.45	19.17	1.52	22.13	1.59	25.68	1.67	28.04	1.73	31.00	1.79

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS15L	60.8	17.56	1.36	21.09	1.43	24.63	1.50	28.16	1.57	32.40	1.65	35.23	1.71	38.77	1.78
	64.4	17.13	1.37	20.66	1.44	24.20	1.51	27.73	1.58	31.97	1.67	34.80	1.72	38.33	1.79
	68.0	16.70	1.39	20.23	1.46	23.76	1.53	27.30	1.60	31.54	1.68	34.37	1.74	37.90	1.81
	70.0	16.46	1.40	19.99	1.47	23.52	1.54	27.06	1.61	31.30	1.69	34.13	1.75	37.66	1.82
	71.6	16.26	1.40	19.80	1.47	23.33	1.54	26.87	1.61	31.11	1.70	33.94	1.75	37.47	1.82
	75.2	15.83	1.42	19.37	1.49	22.90	1.56	26.43	1.63	30.68	1.71	33.50	1.77	37.04	1.84
CTXS07L + CDXS15L	60.8	16.66	1.55	20.02	1.63	23.37	1.71	26.72	1.79	30.75	1.89	33.43	1.95	36.78	2.03
	64.4	16.25	1.57	19.61	1.65	22.96	1.73	26.31	1.81	30.34	1.90	33.02	1.97	36.37	2.05
	68.0	15.84	1.59	19.20	1.67	22.55	1.75	25.90	1.82	29.93	1.92	32.61	1.98	35.96	2.06
	70.0	15.61	1.60	18.97	1.68	22.32	1.76	25.68	1.83	29.70	1.93	32.38	1.99	35.74	2.07
	71.6	15.43	1.60	18.79	1.68	22.14	1.76	25.49	1.84	29.52	1.94	32.20	2.00	35.55	2.08
	75.2	15.02	1.62	18.38	1.70	21.73	1.78	25.08	1.86	29.11	1.96	31.79	2.02	35.14	2.10
CTXS07L + FTXS18L	60.8	20.20	1.69	24.26	1.77	28.33	1.86	32.39	1.95	37.27	2.05	40.52	2.12	44.59	2.21
	64.4	19.70	1.71	23.77	1.79	27.83	1.88	31.90	1.97	36.77	2.07	40.03	2.14	44.09	2.23
	68.0	19.20	1.73	23.27	1.81	27.33	1.90	31.40	1.99	36.28	2.09	39.53	2.16	43.59	2.25
	70.0	18.93	1.74	22.99	1.82	27.06	1.91	31.12	2.00	36.00	2.10	39.25	2.17	43.32	2.26
	71.6	18.71	1.75	22.77	1.83	26.84	1.92	30.90	2.00	35.78	2.11	39.03	2.18	43.10	2.26
	75.2	18.21	1.76	22.27	1.85	26.34	1.94	30.40	2.02	35.28	2.13	38.53	2.20	42.60	2.28
CTXS07L + CDXS18L	60.8	18.63	1.83	22.38	1.92	26.12	2.01	29.87	2.11	34.37	2.22	37.37	2.29	41.12	2.39
	64.4	18.17	1.85	21.92	1.94	25.67	2.03	29.41	2.13	33.91	2.24	36.91	2.31	40.66	2.41
	68.0	17.71	1.87	21.46	1.96	25.21	2.05	28.96	2.15	33.45	2.26	36.45	2.33	40.20	2.43
	70.0	17.45	1.88	21.20	1.97	24.95	2.06	28.70	2.16	33.20	2.27	36.20	2.34	39.95	2.44
	71.6	17.25	1.89	21.00	1.98	24.75	2.07	28.50	2.17	33.00	2.28	36.00	2.35	39.74	2.45
	75.2	16.79	1.91	20.54	2.00	24.29	2.09	28.04	2.19	32.54	2.30	35.54	2.37	39.29	2.47
CTXS07L + FTXS24L	60.8	22.33	1.99	26.82	2.10	31.32	2.20	35.81	2.30	41.20	2.42	44.80	2.50	49.29	2.61
	64.4	21.78	2.02	26.27	2.12	30.77	2.22	35.26	2.32	40.65	2.45	44.25	2.53	48.74	2.63
	68.0	21.23	2.04	25.72	2.14	30.22	2.24	34.71	2.35	40.11	2.47	43.70	2.55	48.19	2.65
	70.0	20.92	2.05	25.42	2.15	29.91	2.26	34.41	2.36	39.80	2.48	43.40	2.56	47.89	2.66
	71.6	20.68	2.06	25.17	2.16	29.67	2.27	34.16	2.37	39.56	2.49	43.15	2.57	47.65	2.67
	75.2	20.13	2.08	24.62	2.19	29.12	2.29	33.61	2.39	39.01	2.51	42.60	2.59	47.10	2.70
CTXS07L + CDXS24L	60.8	20.93	2.17	25.14	2.28	29.35	2.39	33.56	2.50	38.62	2.64	41.99	2.73	46.20	2.84
	64.4	20.41	2.20	24.62	2.31	28.84	2.42	33.05	2.53	38.10	2.66	41.47	2.75	45.68	2.86
	68.0	19.90	2.22	24.11	2.33	28.32	2.44	32.53	2.55	37.59	2.69	40.96	2.78	45.17	2.89
	70.0	19.61	2.23	23.82	2.34	28.03	2.46	32.25	2.57	37.30	2.70	40.67	2.79	44.88	2.90
	71.6	19.38	2.24	23.59	2.36	27.81	2.47	32.02	2.58	37.07	2.71	40.44	2.80	44.65	2.91
	75.2	18.87	2.27	23.08	2.38	27.29	2.49	31.50	2.60	36.56	2.74	39.93	2.82	44.14	2.94
FTXS09L + FTXS09L	60.8	14.03	1.06	16.85	1.12	19.67	1.17	22.49	1.22	25.88	1.29	28.14	1.33	30.96	1.39
	64.4	13.68	1.07	16.50	1.13	19.33	1.18	22.15	1.24	25.54	1.30	27.80	1.34	30.62	1.40
	68.0	13.34	1.09	16.16	1.14	18.98	1.19	21.80	1.25	25.19	1.31	27.45	1.36	30.27	1.41
	70.0	13.14	1.09	15.97	1.15	18.79	1.20	21.61	1.25	25.00	1.32	27.26	1.36	30.08	1.42
	71.6	12.99	1.10	15.81	1.15	18.64	1.21	21.46	1.26	24.85	1.33	27.10	1.37	29.93	1.42
	75.2	12.65	1.11	15.47	1.16	18.29	1.22	21.11	1.27	24.50	1.34	26.76	1.38	29.58	1.44
FTXS09L + FDXS09L	60.8	14.03	1.19	16.85	1.25	19.67	1.31	22.49	1.37	25.88	1.45	28.14	1.49	30.96	1.56
	64.4	13.68	1.20	16.50	1.26	19.33	1.33	22.15	1.39	25.54	1.46	27.80	1.51	30.62	1.57
	68.0	13.34	1.22	16.16	1.28	18.98	1.34	21.80	1.40	25.19	1.47	27.45	1.52	30.27	1.58
	70.0	13.14	1.22	15.97	1.28	18.79	1.35	21.61	1.41	25.00	1.48	27.26	1.53	30.08	1.59
	71.6	12.99	1.23	15.81	1.29	18.64	1.35	21.46	1.41	24.85	1.49	27.10	1.53	29.93	1.60
	75.2	12.65	1.24	15.47	1.30	18.29	1.37	21.11	1.43	24.50	1.50	26.76	1.55	29.58	1.61

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FDXS09L	60.8	14.03	1.35	16.85	1.42	19.67	1.49	22.49	1.56	25.88	1.64	28.14	1.70	30.96	1.77
	64.4	13.68	1.37	16.50	1.44	19.33	1.50	22.15	1.57	25.54	1.66	27.80	1.71	30.62	1.78
	68.0	13.34	1.38	16.16	1.45	18.98	1.52	21.80	1.59	25.19	1.67	27.45	1.73	30.27	1.80
	70.0	13.14	1.39	15.97	1.46	18.79	1.53	21.61	1.60	25.00	1.68	27.26	1.74	30.08	1.80
	71.6	12.99	1.40	15.81	1.47	18.64	1.53	21.46	1.60	24.85	1.69	27.10	1.74	29.93	1.81
	75.2	12.65	1.41	15.47	1.48	18.29	1.55	21.11	1.62	24.50	1.70	26.76	1.76	29.58	1.83
FTXS09L + FTXS12L	60.8	16.66	1.33	20.02	1.40	23.37	1.47	26.72	1.54	30.75	1.62	33.43	1.68	36.78	1.74
	64.4	16.25	1.35	19.61	1.42	22.96	1.49	26.31	1.55	30.34	1.64	33.02	1.69	36.37	1.76
	68.0	15.84	1.36	19.20	1.43	22.55	1.50	25.90	1.57	29.93	1.65	32.61	1.71	35.96	1.77
	70.0	15.61	1.37	18.97	1.44	22.32	1.51	25.68	1.58	29.70	1.66	32.38	1.71	35.74	1.78
	71.6	15.43	1.38	18.79	1.45	22.14	1.52	25.49	1.58	29.52	1.67	32.20	1.72	35.55	1.79
	75.2	15.02	1.39	18.38	1.46	21.73	1.53	25.08	1.60	29.11	1.68	31.79	1.74	35.14	1.80
FTXS09L + FDXS12L	60.8	15.99	1.46	19.21	1.53	22.43	1.60	25.64	1.68	29.51	1.77	32.08	1.83	35.30	1.90
	64.4	15.60	1.47	18.81	1.55	22.03	1.62	25.25	1.70	29.11	1.78	31.69	1.84	34.90	1.92
	68.0	15.20	1.49	18.42	1.56	21.64	1.64	24.86	1.71	28.72	1.80	31.29	1.86	34.51	1.94
	70.0	14.98	1.50	18.20	1.57	21.42	1.65	24.64	1.72	28.50	1.81	31.07	1.87	34.29	1.94
	71.6	14.81	1.50	18.03	1.58	21.25	1.65	24.46	1.73	28.33	1.82	30.90	1.88	34.12	1.95
	75.2	14.42	1.52	17.63	1.60	20.85	1.67	24.07	1.74	27.93	1.83	30.51	1.89	33.72	1.97
FDXS09L + FTXS12L	60.8	15.99	1.42	19.21	1.49	22.43	1.56	25.64	1.63	29.51	1.72	32.08	1.78	35.30	1.85
	64.4	15.60	1.43	18.81	1.50	22.03	1.58	25.25	1.65	29.11	1.74	31.69	1.79	34.90	1.87
	68.0	15.20	1.45	18.42	1.52	21.64	1.59	24.86	1.66	28.72	1.75	31.29	1.81	34.51	1.88
	70.0	14.98	1.46	18.20	1.53	21.42	1.60	24.64	1.67	28.50	1.76	31.07	1.82	34.29	1.89
	71.6	14.81	1.46	18.03	1.54	21.25	1.61	24.46	1.68	28.33	1.77	30.90	1.83	34.12	1.90
	75.2	14.42	1.48	17.63	1.55	20.85	1.62	24.07	1.70	27.93	1.78	30.51	1.84	33.72	1.91
FDXS09L + FDXS12L	60.8	15.32	1.56	18.40	1.64	21.48	1.72	24.56	1.80	28.26	1.90	30.73	1.96	33.81	2.04
	64.4	14.94	1.58	18.02	1.66	21.10	1.74	24.19	1.82	27.89	1.91	30.35	1.98	33.44	2.06
	68.0	14.56	1.59	17.64	1.67	20.73	1.75	23.81	1.83	27.51	1.93	29.98	1.99	33.06	2.07
	70.0	14.35	1.60	17.44	1.68	20.52	1.76	23.60	1.84	27.30	1.94	29.77	2.00	32.85	2.08
	71.6	14.19	1.61	17.27	1.69	20.35	1.77	23.43	1.85	27.13	1.95	29.60	2.01	32.68	2.09
	75.2	13.81	1.63	16.89	1.71	19.97	1.79	23.06	1.87	26.76	1.97	29.22	2.03	32.30	2.11
FTXS09L + FTXS15L	60.8	19.30	1.58	23.18	1.66	27.07	1.74	30.95	1.82	35.61	1.91	38.72	1.98	42.61	2.06
	64.4	18.82	1.59	22.71	1.67	26.59	1.75	30.48	1.84	35.14	1.93	38.25	2.00	42.13	2.08
	68.0	18.35	1.61	22.23	1.69	26.12	1.77	30.00	1.85	34.66	1.95	37.77	2.01	41.66	2.10
	70.0	18.09	1.62	21.97	1.70	25.85	1.78	29.74	1.86	34.40	1.96	37.51	2.02	41.39	2.11
	71.6	17.87	1.63	21.76	1.71	25.64	1.79	29.53	1.87	34.19	1.97	37.30	2.03	41.18	2.11
	75.2	17.40	1.65	21.28	1.73	25.17	1.81	29.05	1.89	33.71	1.99	36.82	2.05	40.71	2.13
FTXS09L + CDXS15L	60.8	18.01	1.69	21.63	1.77	25.26	1.86	28.88	1.95	33.23	2.05	36.13	2.12	39.76	2.21
	64.4	17.57	1.71	21.19	1.79	24.82	1.88	28.44	1.97	32.79	2.07	35.69	2.14	39.31	2.23
	68.0	17.12	1.73	20.75	1.81	24.37	1.90	28.00	1.99	32.35	2.09	35.25	2.16	38.87	2.25
	70.0	16.88	1.74	20.50	1.82	24.13	1.91	27.75	2.00	32.10	2.10	35.00	2.17	38.62	2.26
	71.6	16.68	1.75	20.30	1.83	23.93	1.92	27.55	2.00	31.90	2.11	34.80	2.18	38.43	2.26
	75.2	16.24	1.76	19.86	1.85	23.49	1.94	27.11	2.02	31.46	2.13	34.36	2.20	37.98	2.28
FDXS09L + FTXS15L	60.8	18.01	1.50	21.63	1.58	25.26	1.66	28.88	1.73	33.23	1.83	36.13	1.89	39.76	1.97
	64.4	17.57	1.52	21.19	1.60	24.82	1.67	28.44	1.75	32.79	1.84	35.69	1.91	39.31	1.98
	68.0	17.12	1.54	20.75	1.61	24.37	1.69	28.00	1.77	32.35	1.86	35.25	1.92	38.87	2.00
	70.0	16.88	1.55	20.50	1.62	24.13	1.70	27.75	1.78	32.10	1.87	35.00	1.93	38.62	2.01
	71.6	16.68	1.55	20.30	1.63	23.93	1.71	27.55	1.79	31.90	1.88	34.80	1.94	38.43	2.02
	75.2	16.24	1.57	19.86	1.65	23.49	1.72	27.11	1.80	31.46	1.89	34.36	1.96	37.98	2.03

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + CDXS15L	60.8	17.28	1.67	20.76	1.76	24.24	1.84	27.71	1.93	31.89	2.03	34.67	2.10	38.15	2.19
	64.4	16.85	1.69	20.33	1.78	23.81	1.86	27.29	1.95	31.46	2.05	34.24	2.12	37.72	2.21
	68.0	16.43	1.71	19.91	1.80	23.38	1.88	26.86	1.97	31.04	2.07	33.82	2.14	37.30	2.22
	70.0	16.19	1.72	19.67	1.81	23.15	1.89	26.63	1.98	30.80	2.08	33.58	2.15	37.06	2.23
	71.6	16.00	1.73	19.48	1.81	22.96	1.90	26.44	1.99	30.61	2.09	33.39	2.16	36.87	2.24
	75.2	15.58	1.75	19.06	1.83	22.53	1.92	26.01	2.00	30.19	2.11	32.97	2.18	36.45	2.26
FTXS09L + FTXS18L	60.8	20.93	1.78	25.14	1.87	29.35	1.96	33.56	2.05	38.62	2.16	41.99	2.23	46.20	2.32
	64.4	20.41	1.80	24.62	1.89	28.84	1.98	33.05	2.07	38.10	2.18	41.47	2.25	45.68	2.34
	68.0	19.90	1.82	24.11	1.91	28.32	2.00	32.53	2.09	37.59	2.20	40.96	2.27	45.17	2.36
	70.0	19.61	1.83	23.82	1.92	28.03	2.01	32.25	2.10	37.30	2.21	40.67	2.28	44.88	2.37
	71.6	19.38	1.84	23.59	1.93	27.81	2.02	32.02	2.11	37.07	2.22	40.44	2.29	44.65	2.38
	75.2	18.87	1.86	23.08	1.95	27.29	2.04	31.50	2.13	36.56	2.24	39.93	2.31	44.14	2.40
FTXS09L + CDXS18L	60.8	19.47	1.94	23.39	2.04	27.30	2.14	31.22	2.24	35.92	2.35	39.06	2.43	42.98	2.53
	64.4	18.99	1.96	22.91	2.06	26.83	2.16	30.74	2.26	35.45	2.38	38.58	2.46	42.50	2.55
	68.0	18.51	1.98	22.43	2.08	26.35	2.18	30.26	2.28	34.97	2.40	38.10	2.48	42.02	2.58
	70.0	18.24	1.99	22.16	2.09	26.08	2.19	30.00	2.29	34.70	2.41	37.83	2.49	41.75	2.59
	71.6	18.03	2.00	21.95	2.10	25.87	2.20	29.79	2.30	34.49	2.42	37.62	2.50	41.54	2.60
	75.2	17.55	2.02	21.47	2.12	25.39	2.22	29.31	2.32	34.01	2.44	37.14	2.52	41.06	2.62
FDXS09L + FTXS18L	60.8	19.47	1.70	23.39	1.79	27.30	1.88	31.22	1.97	35.92	2.07	39.06	2.14	42.98	2.23
	64.4	18.99	1.72	22.91	1.81	26.83	1.90	30.74	1.99	35.45	2.09	38.58	2.16	42.50	2.25
	68.0	18.51	1.74	22.43	1.83	26.35	1.92	30.26	2.00	34.97	2.11	38.10	2.18	42.02	2.27
	70.0	18.24	1.75	22.16	1.84	26.08	1.93	30.00	2.02	34.70	2.12	37.83	2.19	41.75	2.28
	71.6	18.03	1.76	21.95	1.85	25.87	1.94	29.79	2.02	34.49	2.13	37.62	2.20	41.54	2.29
	75.2	17.55	1.78	21.47	1.87	25.39	1.96	29.31	2.04	34.01	2.15	37.14	2.22	41.06	2.30
FDXS09L + CDXS18L	60.8	17.95	1.89	21.57	1.99	25.18	2.08	28.79	2.18	33.13	2.30	36.02	2.37	39.63	2.47
	64.4	17.51	1.91	21.12	2.01	24.74	2.10	28.35	2.20	32.69	2.32	35.58	2.39	39.19	2.49
	68.0	17.07	1.93	20.68	2.03	24.30	2.13	27.91	2.22	32.25	2.34	35.14	2.42	38.75	2.51
	70.0	16.82	1.94	20.44	2.04	24.05	2.14	27.66	2.23	32.00	2.35	34.89	2.43	38.50	2.52
	71.6	16.63	1.95	20.24	2.05	23.85	2.15	27.47	2.24	31.80	2.36	34.69	2.44	38.31	2.53
	75.2	16.19	1.97	19.80	2.07	23.41	2.17	27.03	2.26	31.36	2.38	34.25	2.46	37.87	2.55
FTXS09L + FTXS24L	60.8	23.06	2.11	27.70	2.21	32.34	2.32	36.98	2.43	42.55	2.56	46.26	2.65	50.90	2.75
	64.4	22.49	2.13	27.13	2.24	31.77	2.35	36.41	2.45	41.98	2.58	45.70	2.67	50.34	2.78
	68.0	21.92	2.15	26.56	2.26	31.21	2.37	35.85	2.48	41.42	2.61	45.13	2.69	49.77	2.80
	70.0	21.61	2.17	26.25	2.27	30.89	2.38	35.53	2.49	41.10	2.62	44.81	2.71	49.45	2.81
	71.6	21.36	2.18	26.00	2.29	30.64	2.39	35.28	2.50	40.85	2.63	44.56	2.72	49.20	2.82
	75.2	20.79	2.20	25.43	2.31	30.07	2.42	34.71	2.52	40.28	2.65	43.99	2.74	48.63	2.85
FTXS09L + CDXS24L	60.8	21.66	2.25	26.01	2.37	30.37	2.48	34.73	2.60	39.96	2.74	43.45	2.83	47.81	2.94
	64.4	21.12	2.28	25.48	2.39	29.84	2.51	34.20	2.62	39.43	2.76	42.92	2.85	47.27	2.97
	68.0	20.59	2.30	24.95	2.42	29.31	2.53	33.67	2.65	38.90	2.79	42.38	2.88	46.74	2.99
	70.0	20.29	2.32	24.65	2.43	29.01	2.55	33.37	2.66	38.60	2.80	42.09	2.89	46.45	3.01
	71.6	20.06	2.33	24.42	2.44	28.77	2.56	33.13	2.67	38.36	2.81	41.85	2.90	46.21	3.02
	75.2	19.52	2.35	23.88	2.47	28.24	2.58	32.60	2.70	37.83	2.84	41.32	2.93	45.68	3.04
FDXS09L + FTXS24L	60.8	21.66	2.00	26.01	2.10	30.37	2.21	34.73	2.31	39.96	2.43	43.45	2.51	47.81	2.62
	64.4	21.12	2.02	25.48	2.13	29.84	2.23	34.20	2.33	39.43	2.46	42.92	2.54	47.27	2.64
	68.0	20.59	2.05	24.95	2.15	29.31	2.25	33.67	2.35	38.90	2.48	42.38	2.56	46.74	2.66
	70.0	20.29	2.06	24.65	2.16	29.01	2.26	33.37	2.37	38.60	2.49	42.09	2.57	46.45	2.67
	71.6	20.06	2.07	24.42	2.17	28.77	2.27	33.13	2.38	38.36	2.50	41.85	2.58	46.21	2.68
	75.2	19.52	2.09	23.88	2.19	28.24	2.30	32.60	2.40	37.83	2.52	41.32	2.60	45.68	2.71

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + CDXS24L	60.8	20.20	2.24	24.26	2.35	28.33	2.46	32.39	2.58	37.27	2.72	40.52	2.81	44.59	2.92
	64.4	19.70	2.26	23.77	2.37	27.83	2.49	31.90	2.60	36.77	2.74	40.03	2.83	44.09	2.95
	68.0	19.20	2.29	23.27	2.40	27.33	2.51	31.40	2.63	36.28	2.77	39.53	2.86	43.59	2.97
	70.0	18.93	2.30	22.99	2.41	27.06	2.53	31.12	2.64	36.00	2.78	39.25	2.87	43.32	2.99
	71.6	18.71	2.31	22.77	2.42	26.84	2.54	30.90	2.65	35.78	2.79	39.03	2.88	43.10	3.00
	75.2	18.21	2.34	22.27	2.45	26.34	2.56	30.40	2.68	35.28	2.82	38.53	2.91	42.60	3.02
FTXS12L + FTXS12L	60.8	19.30	1.68	23.18	1.77	27.07	1.85	30.95	1.94	35.61	2.04	38.72	2.11	42.61	2.20
	64.4	18.82	1.70	22.71	1.79	26.59	1.87	30.48	1.96	35.14	2.06	38.25	2.13	42.13	2.22
	68.0	18.35	1.72	22.23	1.80	26.12	1.89	30.00	1.98	34.66	2.08	37.77	2.15	41.66	2.23
	70.0	18.09	1.73	21.97	1.81	25.85	1.90	29.74	1.99	34.40	2.09	37.51	2.16	41.39	2.24
	71.6	17.87	1.74	21.76	1.82	25.64	1.91	29.53	2.00	34.19	2.10	37.30	2.17	41.18	2.25
	75.2	17.40	1.76	21.28	1.84	25.17	1.93	29.05	2.01	33.71	2.12	36.82	2.19	40.71	2.27
FDXS12L + FTXS12L	60.8	19.52	2.00	23.45	2.10	27.38	2.21	31.31	2.31	36.03	2.43	39.17	2.51	43.10	2.62
	64.4	19.04	2.02	22.97	2.13	26.90	2.23	30.83	2.33	35.55	2.46	38.69	2.54	42.62	2.64
	68.0	18.56	2.05	22.49	2.15	26.42	2.25	30.35	2.35	35.07	2.48	38.21	2.56	42.14	2.66
	70.0	18.30	2.06	22.23	2.16	26.15	2.26	30.08	2.37	34.80	2.49	37.94	2.57	41.87	2.67
	71.6	18.08	2.07	22.01	2.17	25.94	2.27	29.87	2.38	34.59	2.50	37.73	2.58	41.66	2.68
	75.2	17.60	2.09	21.53	2.19	25.46	2.30	29.39	2.40	34.11	2.52	37.25	2.60	41.18	2.71
FDXS12L + FDXS12L	60.8	17.84	2.03	21.43	2.13	25.02	2.23	28.61	2.34	32.92	2.46	35.79	2.54	39.39	2.65
	64.4	17.40	2.05	20.99	2.15	24.58	2.26	28.17	2.36	32.48	2.48	35.36	2.57	38.95	2.67
	68.0	16.96	2.07	20.55	2.18	24.14	2.28	27.73	2.38	32.04	2.51	34.92	2.59	38.51	2.69
	70.0	16.72	2.08	20.31	2.19	23.90	2.29	27.49	2.40	31.80	2.52	34.67	2.60	38.26	2.71
	71.6	16.52	2.09	20.11	2.20	23.71	2.30	27.30	2.41	31.60	2.53	34.48	2.61	38.07	2.72
	75.2	16.08	2.12	19.68	2.22	23.27	2.32	26.86	2.43	31.17	2.55	34.04	2.64	37.63	2.74
FTXS12L + FTXS15L	60.8	20.93	1.78	25.14	1.87	29.35	1.96	33.56	2.05	38.62	2.16	41.99	2.23	46.20	2.32
	64.4	20.41	1.80	24.62	1.89	28.84	1.98	33.05	2.07	38.10	2.18	41.47	2.25	45.68	2.34
	68.0	19.90	1.82	24.11	1.91	28.32	2.00	32.53	2.09	37.59	2.20	40.96	2.27	45.17	2.36
	70.0	19.61	1.83	23.82	1.92	28.03	2.01	32.25	2.10	37.30	2.21	40.67	2.28	44.88	2.37
	71.6	19.38	1.84	23.59	1.93	27.81	2.02	32.02	2.11	37.07	2.22	40.44	2.29	44.65	2.38
	75.2	18.87	1.86	23.08	1.95	27.29	2.04	31.50	2.13	36.56	2.24	39.93	2.31	44.14	2.40
FTXS12L + CDXS15L	60.8	19.47	1.87	23.39	1.96	27.30	2.06	31.22	2.15	35.92	2.27	39.06	2.34	42.98	2.44
	64.4	18.99	1.89	22.91	1.98	26.83	2.08	30.74	2.17	35.45	2.29	38.58	2.36	42.50	2.46
	68.0	18.51	1.91	22.43	2.00	26.35	2.10	30.26	2.19	34.97	2.31	38.10	2.38	42.02	2.48
	70.0	18.24	1.92	22.16	2.01	26.08	2.11	30.00	2.21	34.70	2.32	37.83	2.40	41.75	2.49
	71.6	18.03	1.93	21.95	2.02	25.87	2.12	29.79	2.21	34.49	2.33	37.62	2.41	41.54	2.50
	75.2	17.55	1.95	21.47	2.04	25.39	2.14	29.31	2.24	34.01	2.35	37.14	2.43	41.06	2.52
FDXS12L + FTXS15L	60.8	19.47	1.71	23.39	1.80	27.30	1.89	31.22	1.98	35.92	2.08	39.06	2.15	42.98	2.24
	64.4	18.99	1.73	22.91	1.82	26.83	1.91	30.74	1.99	35.45	2.10	38.58	2.17	42.50	2.26
	68.0	18.51	1.75	22.43	1.84	26.35	1.93	30.26	2.01	34.97	2.12	38.10	2.19	42.02	2.28
	70.0	18.24	1.76	22.16	1.85	26.08	1.94	30.00	2.02	34.70	2.13	37.83	2.20	41.75	2.29
	71.6	18.03	1.77	21.95	1.86	25.87	1.95	29.79	2.03	34.49	2.14	37.62	2.21	41.54	2.30
	75.2	17.55	1.79	21.47	1.88	25.39	1.96	29.31	2.05	34.01	2.16	37.14	2.23	41.06	2.32
FDXS12L + CDXS15L	60.8	17.95	1.90	21.57	1.99	25.18	2.09	28.79	2.19	33.13	2.31	36.02	2.38	39.63	2.48
	64.4	17.51	1.92	21.12	2.02	24.74	2.11	28.35	2.21	32.69	2.33	35.58	2.40	39.19	2.50
	68.0	17.07	1.94	20.68	2.04	24.30	2.13	27.91	2.23	32.25	2.35	35.14	2.43	38.75	2.52
	70.0	16.82	1.95	20.44	2.05	24.05	2.15	27.66	2.24	32.00	2.36	34.89	2.44	38.50	2.53
	71.6	16.63	1.96	20.24	2.06	23.85	2.16	27.47	2.25	31.80	2.37	34.69	2.45	38.31	2.54
	75.2	16.19	1.98	19.80	2.08	23.41	2.18	27.03	2.27	31.36	2.39	34.25	2.47	37.87	2.57

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS12L + FTXS18L	60.8	21.99	1.95	26.42	2.05	30.85	2.15	35.27	2.25	40.58	2.37	44.12	2.45	48.55	2.55
	64.4	21.45	1.98	25.88	2.08	30.30	2.18	34.73	2.28	40.04	2.40	43.58	2.48	48.01	2.58
	68.0	20.91	2.00	25.34	2.10	29.76	2.20	34.19	2.30	39.50	2.42	43.04	2.50	47.47	2.60
	70.0	20.61	2.01	25.04	2.11	29.46	2.21	33.89	2.31	39.20	2.43	42.74	2.51	47.17	2.61
	71.6	20.37	2.02	24.79	2.12	29.22	2.22	33.65	2.32	38.96	2.44	42.50	2.52	46.93	2.62
	75.2	19.83	2.04	24.25	2.14	28.68	2.24	33.11	2.34	38.42	2.46	41.96	2.54	46.39	2.64
FTXS12L + CDXS18L	60.8	20.53	2.05	24.67	2.16	28.80	2.26	32.93	2.37	37.89	2.49	41.20	2.58	45.33	2.68
	64.4	20.03	2.07	24.16	2.18	28.29	2.28	32.43	2.39	37.39	2.51	40.69	2.60	44.83	2.70
	68.0	19.52	2.10	23.66	2.20	27.79	2.31	31.92	2.41	36.88	2.54	40.19	2.62	44.32	2.73
	70.0	19.24	2.11	23.38	2.21	27.51	2.32	31.64	2.42	36.60	2.55	39.91	2.63	44.04	2.74
	71.6	19.02	2.12	23.15	2.22	27.28	2.33	31.42	2.43	36.38	2.56	39.68	2.64	43.81	2.75
	75.2	18.51	2.14	22.65	2.25	26.78	2.35	30.91	2.46	35.87	2.58	39.18	2.67	43.31	2.77
FDXS12L + FTXS18L	60.8	20.53	1.85	24.67	1.94	28.80	2.04	32.93	2.13	37.89	2.25	41.20	2.32	45.33	2.42
	64.4	20.03	1.87	24.16	1.96	28.29	2.06	32.43	2.15	37.39	2.27	40.69	2.34	44.83	2.44
	68.0	19.52	1.89	23.66	1.99	27.79	2.08	31.92	2.17	36.88	2.29	40.19	2.36	44.32	2.46
	70.0	19.24	1.90	23.38	2.00	27.51	2.09	31.64	2.19	36.60	2.30	39.91	2.38	44.04	2.47
	71.6	19.02	1.91	23.15	2.01	27.28	2.10	31.42	2.20	36.38	2.31	39.68	2.38	43.81	2.48
	75.2	18.51	1.93	22.65	2.03	26.78	2.12	30.91	2.22	35.87	2.33	39.18	2.41	43.31	2.50
FDXS12L + CDXS18L	60.8	19.07	2.08	22.91	2.19	26.75	2.30	30.59	2.40	35.20	2.53	38.27	2.62	42.11	2.72
	64.4	18.61	2.11	22.44	2.21	26.28	2.32	30.12	2.43	34.73	2.55	37.80	2.64	41.64	2.75
	68.0	18.14	2.13	21.98	2.24	25.81	2.34	29.65	2.45	34.26	2.58	37.33	2.66	41.17	2.77
	70.0	17.88	2.14	21.71	2.25	25.55	2.36	29.39	2.46	34.00	2.59	37.07	2.68	40.91	2.78
	71.6	17.67	2.15	21.51	2.26	25.35	2.37	29.18	2.47	33.79	2.60	36.86	2.69	40.70	2.79
	75.2	17.20	2.18	21.04	2.28	24.88	2.39	28.71	2.50	33.32	2.62	36.39	2.71	40.23	2.82
FTXS12L + FTXS24L	60.8	24.12	2.30	28.98	2.42	33.84	2.54	38.69	2.65	44.52	2.79	48.40	2.89	53.26	3.01
	64.4	23.53	2.33	28.39	2.44	33.24	2.56	38.10	2.68	43.92	2.82	47.81	2.91	52.66	3.03
	68.0	22.94	2.35	27.79	2.47	32.65	2.59	37.50	2.70	43.33	2.85	47.21	2.94	52.07	3.06
	70.0	22.61	2.37	27.46	2.48	32.32	2.60	37.17	2.72	43.00	2.86	46.88	2.95	51.74	3.07
	71.6	22.34	2.38	27.20	2.49	32.05	2.61	36.91	2.73	42.74	2.87	46.62	2.97	51.48	3.08
	75.2	21.75	2.40	26.60	2.52	31.46	2.64	36.32	2.76	42.14	2.90	46.03	2.99	50.88	3.11
FTXS12L + CDXS24L	60.8	22.72	2.43	27.29	2.55	31.87	2.68	36.44	2.80	41.93	2.95	45.59	3.05	50.16	3.17
	64.4	22.16	2.46	26.74	2.58	31.31	2.70	35.88	2.83	41.37	2.98	45.03	3.08	49.60	3.20
	68.0	21.60	2.48	26.18	2.61	30.75	2.73	35.32	2.86	40.81	3.00	44.47	3.10	49.04	3.23
	70.0	21.29	2.50	25.87	2.62	30.44	2.75	35.01	2.87	40.50	3.02	44.16	3.12	48.73	3.24
	71.6	21.04	2.51	25.62	2.63	30.19	2.76	34.76	2.88	40.25	3.03	43.91	3.13	48.48	3.26
	75.2	20.48	2.54	25.06	2.66	29.63	2.79	34.20	2.91	39.69	3.06	43.35	3.16	47.92	3.28
FDXS12L + FTXS24L	60.8	22.72	2.15	27.29	2.27	31.87	2.38	36.44	2.49	41.93	2.62	45.59	2.71	50.16	2.82
	64.4	22.16	2.18	26.74	2.29	31.31	2.40	35.88	2.51	41.37	2.64	45.03	2.73	49.60	2.84
	68.0	21.60	2.20	26.18	2.31	30.75	2.42	35.32	2.53	40.81	2.67	44.47	2.75	49.04	2.87
	70.0	21.29	2.22	25.87	2.33	30.44	2.44	35.01	2.55	40.50	2.68	44.16	2.77	48.73	2.88
	71.6	21.04	2.23	25.62	2.34	30.19	2.45	34.76	2.56	40.25	2.69	43.91	2.78	48.48	2.89
	75.2	20.48	2.25	25.06	2.36	29.63	2.47	34.20	2.58	39.69	2.71	43.35	2.80	47.92	2.91
FDXS12L + CDXS24L	60.8	21.32	2.45	25.61	2.58	29.90	2.70	34.19	2.83	39.34	2.98	42.77	3.08	47.06	3.21
	64.4	20.79	2.48	25.09	2.61	29.38	2.73	33.67	2.86	38.82	3.01	42.25	3.11	46.54	3.23
	68.0	20.27	2.51	24.56	2.63	28.85	2.76	33.14	2.88	38.29	3.03	41.72	3.14	46.02	3.26
	70.0	19.98	2.52	24.27	2.65	28.56	2.77	32.85	2.90	38.00	3.05	41.43	3.15	45.72	3.28
	71.6	19.75	2.53	24.04	2.66	28.33	2.79	32.62	2.91	37.77	3.06	41.20	3.16	45.49	3.29
	75.2	19.22	2.56	23.51	2.69	27.80	2.81	32.09	2.94	37.24	3.09	40.67	3.19	44.97	3.32

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS15L + FTXS15L	60.8	21.99	1.95	26.42	2.05	30.85	2.15	35.27	2.24	40.58	2.36	44.12	2.44	48.55	2.54
	64.4	21.45	1.97	25.88	2.07	30.30	2.17	34.73	2.27	40.04	2.39	43.58	2.47	48.01	2.57
	68.0	20.91	1.99	25.34	2.09	29.76	2.19	34.19	2.29	39.50	2.41	43.04	2.49	47.47	2.59
	70.0	20.61	2.00	25.04	2.10	29.46	2.20	33.89	2.30	39.20	2.42	42.74	2.50	47.17	2.60
	71.6	20.37	2.01	24.79	2.11	29.22	2.21	33.65	2.31	38.96	2.43	42.50	2.51	46.93	2.61
	75.2	19.83	2.03	24.25	2.13	28.68	2.23	33.11	2.33	38.42	2.45	41.96	2.53	46.39	2.63
CDXS15L + FTXS15L	60.8	20.53	1.87	24.67	1.96	28.80	2.06	32.93	2.15	37.89	2.27	41.20	2.34	45.33	2.44
	64.4	20.03	1.89	24.16	1.98	28.29	2.08	32.43	2.17	37.39	2.29	40.69	2.36	44.83	2.46
	68.0	19.52	1.91	23.66	2.00	27.79	2.10	31.92	2.19	36.88	2.31	40.19	2.38	44.32	2.48
	70.0	19.24	1.92	23.38	2.01	27.51	2.11	31.64	2.21	36.60	2.32	39.91	2.40	44.04	2.49
	71.6	19.02	1.93	23.15	2.02	27.28	2.12	31.42	2.21	36.38	2.33	39.68	2.41	43.81	2.50
	75.2	18.51	1.95	22.65	2.04	26.78	2.14	30.91	2.24	35.87	2.35	39.18	2.43	43.31	2.52
CDXS15L + CDXS15L	60.8	19.07	1.99	22.91	2.09	26.75	2.19	30.59	2.29	35.20	2.41	38.27	2.49	42.11	2.60
	64.4	18.61	2.01	22.44	2.11	26.28	2.21	30.12	2.31	34.73	2.44	37.80	2.52	41.64	2.62
	68.0	18.14	2.03	21.98	2.13	25.81	2.23	29.65	2.34	34.26	2.46	37.33	2.54	41.17	2.64
	70.0	17.88	2.04	21.71	2.14	25.55	2.25	29.39	2.35	34.00	2.47	37.07	2.55	40.91	2.65
	71.6	17.67	2.05	21.51	2.15	25.35	2.26	29.18	2.36	33.79	2.48	36.86	2.56	40.70	2.66
	75.2	17.20	2.07	21.04	2.18	24.88	2.28	28.71	2.38	33.32	2.50	36.39	2.58	40.23	2.69
FTXS15L + FTXS18L	60.8	23.06	2.10	27.70	2.21	32.34	2.31	36.98	2.42	42.55	2.55	46.26	2.64	50.90	2.74
	64.4	22.49	2.12	27.13	2.23	31.77	2.34	36.41	2.44	41.98	2.57	45.70	2.66	50.34	2.77
	68.0	21.92	2.15	26.56	2.25	31.21	2.36	35.85	2.47	41.42	2.60	45.13	2.68	49.77	2.79
	70.0	21.61	2.16	26.25	2.27	30.89	2.37	35.53	2.48	41.10	2.61	44.81	2.70	49.45	2.80
	71.6	21.36	2.17	26.00	2.28	30.64	2.38	35.28	2.49	40.85	2.62	44.56	2.71	49.20	2.81
	75.2	20.79	2.19	25.43	2.30	30.07	2.41	34.71	2.51	40.28	2.64	43.99	2.73	48.63	2.84
FTXS15L + CDXS18L	60.8	21.66	2.05	26.01	2.16	30.37	2.26	34.73	2.37	39.96	2.49	43.45	2.58	47.81	2.68
	64.4	21.12	2.07	25.48	2.18	29.84	2.28	34.20	2.39	39.43	2.51	42.92	2.60	47.27	2.70
	68.0	20.59	2.10	24.95	2.20	29.31	2.31	33.67	2.41	38.90	2.54	42.38	2.62	46.74	2.73
	70.0	20.29	2.11	24.65	2.21	29.01	2.32	33.37	2.42	38.60	2.55	42.09	2.63	46.45	2.74
	71.6	20.06	2.12	24.42	2.22	28.77	2.33	33.13	2.43	38.36	2.56	41.85	2.64	46.21	2.75
	75.2	19.52	2.14	23.88	2.25	28.24	2.35	32.60	2.46	37.83	2.58	41.32	2.67	45.68	2.77
CDXS15L + FTXS18L	60.8	21.66	2.05	26.01	2.16	30.37	2.26	34.73	2.37	39.96	2.49	43.45	2.58	47.81	2.68
	64.4	21.12	2.07	25.48	2.18	29.84	2.28	34.20	2.39	39.43	2.51	42.92	2.60	47.27	2.70
	68.0	20.59	2.10	24.95	2.20	29.31	2.31	33.67	2.41	38.90	2.54	42.38	2.62	46.74	2.73
	70.0	20.29	2.11	24.65	2.21	29.01	2.32	33.37	2.42	38.60	2.55	42.09	2.63	46.45	2.74
	71.6	20.06	2.12	24.42	2.22	28.77	2.33	33.13	2.43	38.36	2.56	41.85	2.64	46.21	2.75
	75.2	19.52	2.14	23.88	2.25	28.24	2.35	32.60	2.46	37.83	2.58	41.32	2.67	45.68	2.77
CDXS15L + CDXS18L	60.8	20.20	2.17	24.26	2.28	28.33	2.39	32.39	2.50	37.27	2.64	40.52	2.73	44.59	2.84
	64.4	19.70	2.20	23.77	2.31	27.83	2.42	31.90	2.53	36.77	2.66	40.03	2.75	44.09	2.86
	68.0	19.20	2.22	23.27	2.33	27.33	2.44	31.40	2.55	36.28	2.69	39.53	2.78	43.59	2.89
	70.0	18.93	2.23	22.99	2.34	27.06	2.46	31.12	2.57	36.00	2.70	39.25	2.79	43.32	2.90
	71.6	18.71	2.24	22.77	2.36	26.84	2.47	30.90	2.58	35.78	2.71	39.03	2.80	43.10	2.91
	75.2	18.21	2.27	22.27	2.38	26.34	2.49	30.40	2.60	35.28	2.74	38.53	2.82	42.60	2.94
FTXS15L + FTXS24L	60.8	24.12	2.36	28.98	2.48	33.84	2.61	38.69	2.73	44.52	2.87	48.40	2.97	53.26	3.09
	64.4	23.53	2.39	28.39	2.51	33.24	2.63	38.10	2.75	43.92	2.90	47.81	3.00	52.66	3.12
	68.0	22.94	2.42	27.79	2.54	32.65	2.66	37.50	2.78	43.33	2.93	47.21	3.02	52.07	3.14
	70.0	22.61	2.43	27.46	2.55	32.32	2.67	37.17	2.79	43.00	2.94	46.88	3.04	51.74	3.16
	71.6	22.34	2.44	27.20	2.56	32.05	2.69	36.91	2.81	42.74	2.95	46.62	3.05	51.48	3.17
	75.2	21.75	2.47	26.60	2.59	31.46	2.71	36.32	2.83	42.14	2.98	46.03	3.08	50.88	3.20

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS15L + CDXS24L	60.8	22.72	2.18	27.29	2.29	31.87	2.40	36.44	2.51	41.93	2.65	45.59	2.74	50.16	2.85
	64.4	22.16	2.20	26.74	2.31	31.31	2.43	35.88	2.54	41.37	2.67	45.03	2.76	49.60	2.87
	68.0	21.60	2.23	26.18	2.34	30.75	2.45	35.32	2.56	40.81	2.70	44.47	2.79	49.04	2.90
	70.0	21.29	2.24	25.87	2.35	30.44	2.46	35.01	2.58	40.50	2.71	44.16	2.80	48.73	2.91
	71.6	21.04	2.25	25.62	2.36	30.19	2.48	34.76	2.59	40.25	2.72	43.91	2.81	48.48	2.92
	75.2	20.48	2.28	25.06	2.39	29.63	2.50	34.20	2.61	39.69	2.75	43.35	2.83	47.92	2.95
CDXS15L + FTXS24L	60.8	22.72	2.18	27.29	2.29	31.87	2.40	36.44	2.51	41.93	2.65	45.59	2.74	50.16	2.85
	64.4	22.16	2.20	26.74	2.31	31.31	2.43	35.88	2.54	41.37	2.67	45.03	2.76	49.60	2.87
	68.0	21.60	2.23	26.18	2.34	30.75	2.45	35.32	2.56	40.81	2.70	44.47	2.79	49.04	2.90
	70.0	21.29	2.24	25.87	2.35	30.44	2.46	35.01	2.58	40.50	2.71	44.16	2.80	48.73	2.91
	71.6	21.04	2.25	25.62	2.36	30.19	2.48	34.76	2.59	40.25	2.72	43.91	2.81	48.48	2.92
	75.2	20.48	2.28	25.06	2.39	29.63	2.50	34.20	2.61	39.69	2.75	43.35	2.83	47.92	2.95
CDXS15L + CDXS24L	60.8	21.32	2.33	25.61	2.45	29.90	2.57	34.19	2.69	39.34	2.83	42.77	2.93	47.06	3.05
	64.4	20.79	2.36	25.09	2.48	29.38	2.60	33.67	2.72	38.82	2.86	42.25	2.95	46.54	3.07
	68.0	20.27	2.38	24.56	2.50	28.85	2.62	33.14	2.74	38.29	2.89	41.72	2.98	46.02	3.10
	70.0	19.98	2.40	24.27	2.52	28.56	2.64	32.85	2.76	38.00	2.90	41.43	3.00	45.72	3.11
	71.6	19.75	2.41	24.04	2.53	28.33	2.65	32.62	2.77	37.77	2.91	41.20	3.01	45.49	3.13
	75.2	19.22	2.44	23.51	2.56	27.80	2.68	32.09	2.79	37.24	2.94	40.67	3.03	44.97	3.15
FTXS18L + FTXS18L	60.8	24.12	2.31	28.98	2.43	33.84	2.54	38.69	2.66	44.52	2.80	48.40	2.90	53.26	3.02
	64.4	23.53	2.33	28.39	2.45	33.24	2.57	38.10	2.69	43.92	2.83	47.81	2.92	52.66	3.04
	68.0	22.94	2.36	27.79	2.48	32.65	2.60	37.50	2.71	43.33	2.86	47.21	2.95	52.07	3.07
	70.0	22.61	2.37	27.46	2.49	32.32	2.61	37.17	2.73	43.00	2.87	46.88	2.96	51.74	3.08
	71.6	22.34	2.39	27.20	2.50	32.05	2.62	36.91	2.74	42.74	2.88	46.62	2.98	51.48	3.09
	75.2	21.75	2.41	26.60	2.53	31.46	2.65	36.32	2.77	42.14	2.91	46.03	3.00	50.88	3.12
CDXS18L + FTXS18L	60.8	22.72	2.19	27.29	2.31	31.87	2.42	36.44	2.53	41.93	2.67	45.59	2.76	50.16	2.87
	64.4	22.16	2.22	26.74	2.33	31.31	2.44	35.88	2.56	41.37	2.69	45.03	2.78	49.60	2.89
	68.0	21.60	2.24	26.18	2.36	30.75	2.47	35.32	2.58	40.81	2.72	44.47	2.81	49.04	2.92
	70.0	21.29	2.26	25.87	2.37	30.44	2.48	35.01	2.60	40.50	2.73	44.16	2.82	48.73	2.93
	71.6	21.04	2.27	25.62	2.38	30.19	2.49	34.76	2.61	40.25	2.74	43.91	2.83	48.48	2.94
	75.2	20.48	2.29	25.06	2.41	29.63	2.52	34.20	2.63	39.69	2.77	43.35	2.86	47.92	2.97
CDXS18L + CDXS18L	60.8	21.32	2.37	25.61	2.49	29.90	2.61	34.19	2.74	39.34	2.88	42.77	2.98	47.06	3.10
	64.4	20.79	2.40	25.09	2.52	29.38	2.64	33.67	2.76	38.82	2.91	42.25	3.01	46.54	3.13
	68.0	20.27	2.43	24.56	2.55	28.85	2.67	33.14	2.79	38.29	2.94	41.72	3.03	46.02	3.15
	70.0	19.98	2.44	24.27	2.56	28.56	2.68	32.85	2.80	38.00	2.95	41.43	3.05	45.72	3.17
	71.6	19.75	2.45	24.04	2.57	28.33	2.69	32.62	2.82	37.77	2.96	41.20	3.06	45.49	3.18
	75.2	19.22	2.48	23.51	2.60	27.80	2.72	32.09	2.84	37.24	2.99	40.67	3.09	44.97	3.21
FTXS18L + FTXS24L	60.8	24.12	2.37	28.98	2.49	33.84	2.61	38.69	2.74	44.52	2.88	48.40	2.98	53.26	3.10
	64.4	23.53	2.40	28.39	2.52	33.24	2.64	38.10	2.76	43.92	2.91	47.81	3.01	52.66	3.13
	68.0	22.94	2.43	27.79	2.55	32.65	2.67	37.50	2.79	43.33	2.94	47.21	3.03	52.07	3.15
	70.0	22.61	2.44	27.46	2.56	32.32	2.68	37.17	2.80	43.00	2.95	46.88	3.05	51.74	3.17
	71.6	22.34	2.45	27.20	2.57	32.05	2.69	36.91	2.82	42.74	2.96	46.62	3.06	51.48	3.18
	75.2	21.75	2.48	26.60	2.60	31.46	2.72	36.32	2.84	42.14	2.99	46.03	3.09	50.88	3.21
FTXS18L + CDXS24L	60.8	22.72	2.17	27.29	2.28	31.87	2.39	36.44	2.50	41.93	2.64	45.59	2.73	50.16	2.84
	64.4	22.16	2.20	26.74	2.31	31.31	2.42	35.88	2.53	41.37	2.66	45.03	2.75	49.60	2.86
	68.0	21.60	2.22	26.18	2.33	30.75	2.44	35.32	2.55	40.81	2.69	44.47	2.78	49.04	2.89
	70.0	21.29	2.23	25.87	2.34	30.44	2.46	35.01	2.57	40.50	2.70	44.16	2.79	48.73	2.90
	71.6	21.04	2.24	25.62	2.36	30.19	2.47	34.76	2.58	40.25	2.71	43.91	2.80	48.48	2.91
	75.2	20.48	2.27	25.06	2.38	29.63	2.49	34.20	2.60	39.69	2.74	43.35	2.82	47.92	2.94

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CDXS18L + FTXS24L	60.8	22.72	2.17	27.29	2.28	31.87	2.39	36.44	2.50	41.93	2.64	45.59	2.73	50.16	2.84
	64.4	22.16	2.20	26.74	2.31	31.31	2.42	35.88	2.53	41.37	2.66	45.03	2.75	49.60	2.86
	68.0	21.60	2.22	26.18	2.33	30.75	2.44	35.32	2.55	40.81	2.69	44.47	2.78	49.04	2.89
	70.0	21.29	2.23	25.87	2.34	30.44	2.46	35.01	2.57	40.50	2.70	44.16	2.79	48.73	2.90
	71.6	21.04	2.24	25.62	2.36	30.19	2.47	34.76	2.58	40.25	2.71	43.91	2.80	48.48	2.91
	75.2	20.48	2.27	25.06	2.38	29.63	2.49	34.20	2.60	39.69	2.74	43.35	2.82	47.92	2.94
CDXS18L + CDXS24L	60.8	21.32	2.32	25.61	2.44	29.90	2.56	34.19	2.68	39.34	2.82	42.77	2.92	47.06	3.04
	64.4	20.79	2.35	25.09	2.47	29.38	2.59	33.67	2.71	38.82	2.85	42.25	2.94	46.54	3.06
	68.0	20.27	2.38	24.56	2.49	28.85	2.61	33.14	2.73	38.29	2.88	41.72	2.97	46.02	3.09
	70.0	19.98	2.39	24.27	2.51	28.56	2.63	32.85	2.75	38.00	2.89	41.43	2.99	45.72	3.10
	71.6	19.75	2.40	24.04	2.52	28.33	2.64	32.62	2.76	37.77	2.90	41.20	3.00	45.49	3.12
	75.2	19.22	2.43	23.51	2.55	27.80	2.67	32.09	2.78	37.24	2.93	40.67	3.02	44.97	3.14
FTXS24L + FTXS24L	60.8	20.48	1.81	24.60	1.90	28.72	1.99	32.84	2.09	37.79	2.20	41.09	2.27	45.21	2.36
	64.4	19.97	1.83	24.10	1.92	28.22	2.01	32.34	2.11	37.28	2.22	40.58	2.29	44.70	2.39
	68.0	19.47	1.85	23.59	1.94	27.71	2.03	31.83	2.13	36.78	2.24	40.08	2.31	44.20	2.41
	70.0	19.19	1.86	23.31	1.95	27.43	2.05	31.55	2.14	36.50	2.25	39.80	2.32	43.92	2.42
	71.6	18.97	1.87	23.09	1.96	27.21	2.06	31.33	2.15	36.28	2.26	39.57	2.33	43.69	2.43
	75.2	18.46	1.89	22.58	1.98	26.70	2.08	30.83	2.17	35.77	2.28	39.07	2.35	43.19	2.45
CDXS24L + FTXS24L	60.8	20.25	1.74	24.33	1.83	28.41	1.92	32.48	2.01	37.37	2.12	40.63	2.19	44.71	2.28
	64.4	19.75	1.76	23.83	1.85	27.91	1.94	31.98	2.03	36.88	2.14	40.14	2.21	44.21	2.30
	68.0	19.26	1.78	23.33	1.87	27.41	1.96	31.49	2.05	36.38	2.16	39.64	2.23	43.71	2.32
	70.0	18.98	1.79	23.06	1.88	27.13	1.97	31.21	2.06	36.10	2.17	39.36	2.24	43.44	2.33
	71.6	18.76	1.80	22.83	1.89	26.91	1.98	30.99	2.07	35.88	2.18	39.14	2.25	43.22	2.34
	75.2	18.26	1.82	22.34	1.91	26.41	2.00	30.49	2.09	35.38	2.20	38.64	2.27	42.72	2.36
CDXS24L + CDXS24L	60.8	19.97	2.00	23.99	2.10	28.01	2.21	32.03	2.31	36.86	2.43	40.07	2.51	44.09	2.62
	64.4	19.48	2.02	23.50	2.13	27.52	2.23	31.54	2.33	36.36	2.46	39.58	2.54	43.60	2.64
	68.0	18.99	2.05	23.01	2.15	27.03	2.25	31.05	2.35	35.87	2.48	39.09	2.56	43.11	2.66
	70.0	18.72	2.06	22.74	2.16	26.76	2.26	30.78	2.37	35.60	2.49	38.82	2.57	42.84	2.67
	71.6	18.50	2.07	22.52	2.17	26.54	2.27	30.56	2.38	35.38	2.50	38.60	2.58	42.62	2.68
	75.2	18.01	2.09	22.03	2.19	26.05	2.30	30.07	2.40	34.89	2.52	38.11	2.60	42.13	2.71
CTXS07L + CTXS07L + CTXS07L	60.8	16.66	1.21	20.02	1.28	23.37	1.34	26.72	1.40	30.75	1.48	33.43	1.52	36.78	1.59
	64.4	16.25	1.23	19.61	1.29	22.96	1.35	26.31	1.41	30.34	1.49	33.02	1.54	36.37	1.60
	68.0	15.84	1.24	19.20	1.30	22.55	1.37	25.90	1.43	29.93	1.50	32.61	1.55	35.96	1.61
	70.0	15.61	1.25	18.97	1.31	22.32	1.37	25.68	1.44	29.70	1.51	32.38	1.56	35.74	1.62
	71.6	15.43	1.25	18.79	1.32	22.14	1.38	25.49	1.44	29.52	1.52	32.20	1.57	35.55	1.63
	75.2	15.02	1.27	18.38	1.33	21.73	1.39	25.08	1.46	29.11	1.53	31.79	1.58	35.14	1.64
CTXS07L + CTXS07L + FTXS09L	60.8	18.46	1.42	22.17	1.50	25.89	1.57	29.60	1.64	34.06	1.73	37.03	1.79	40.75	1.86
	64.4	18.00	1.44	21.72	1.51	25.43	1.58	29.15	1.66	33.61	1.75	36.58	1.80	40.29	1.88
	68.0	17.55	1.46	21.26	1.53	24.98	1.60	28.69	1.67	33.15	1.76	36.12	1.82	39.84	1.89
	70.0	17.30	1.46	21.01	1.54	24.73	1.61	28.44	1.68	32.90	1.77	35.87	1.83	39.59	1.90
	71.6	17.10	1.47	20.81	1.54	24.53	1.62	28.24	1.69	32.70	1.78	35.67	1.84	39.39	1.91
	75.2	16.64	1.49	20.36	1.56	24.07	1.63	27.79	1.71	32.24	1.79	35.22	1.85	38.93	1.92
CTXS07L + CTXS07L + FDXS09L	60.8	17.73	1.41	21.30	1.48	24.86	1.55	28.43	1.62	32.72	1.71	35.57	1.77	39.14	1.84
	64.4	17.29	1.42	20.86	1.49	24.43	1.57	28.00	1.64	32.28	1.73	35.13	1.78	38.70	1.86
	68.0	16.86	1.44	20.42	1.51	23.99	1.58	27.56	1.65	31.84	1.74	34.70	1.80	38.27	1.87
	70.0	16.61	1.45	20.18	1.52	23.75	1.59	27.32	1.66	31.60	1.75	34.45	1.81	38.02	1.88
	71.6	16.42	1.45	19.99	1.53	23.56	1.60	27.12	1.67	31.41	1.76	34.26	1.81	37.83	1.89
	75.2	15.98	1.47	19.55	1.54	23.12	1.61	26.69	1.69	30.97	1.77	33.82	1.83	37.39	1.90

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CTXS07L + FTXS12L	60.8	20.53	1.72	24.67	1.81	28.80	1.90	32.93	1.98	37.89	2.09	41.20	2.16	45.33	2.25
	64.4	20.03	1.74	24.16	1.83	28.29	1.92	32.43	2.00	37.39	2.11	40.69	2.18	44.83	2.27
	68.0	19.52	1.76	23.66	1.85	27.79	1.94	31.92	2.02	36.88	2.13	40.19	2.20	44.32	2.29
	70.0	19.24	1.77	23.38	1.86	27.51	1.95	31.64	2.03	36.60	2.14	39.91	2.21	44.04	2.30
	71.6	19.02	1.78	23.15	1.87	27.28	1.95	31.42	2.04	36.38	2.15	39.68	2.22	43.81	2.31
	75.2	18.51	1.80	22.65	1.89	26.78	1.97	30.91	2.06	35.87	2.17	39.18	2.24	43.31	2.33
CTXS07L + CTXS07L + FDXS12L	60.8	19.52	1.67	23.45	1.76	27.38	1.84	31.31	1.93	36.03	2.03	39.17	2.10	43.10	2.19
	64.4	19.04	1.69	22.97	1.78	26.90	1.86	30.83	1.95	35.55	2.05	38.69	2.12	42.62	2.21
	68.0	18.56	1.71	22.49	1.80	26.42	1.88	30.35	1.97	35.07	2.07	38.21	2.14	42.14	2.22
	70.0	18.30	1.72	22.23	1.81	26.15	1.89	30.08	1.98	34.80	2.08	37.94	2.15	41.87	2.23
	71.6	18.08	1.73	22.01	1.81	25.94	1.90	29.87	1.99	34.59	2.09	37.73	2.16	41.66	2.24
	75.2	17.60	1.75	21.53	1.83	25.46	1.92	29.39	2.00	34.11	2.11	37.25	2.18	41.18	2.26
CTXS07L + CTXS07L + FTXS15L	60.8	21.60	1.90	25.95	1.99	30.29	2.09	34.64	2.19	39.86	2.31	43.34	2.38	47.68	2.48
	64.4	21.07	1.92	25.42	2.02	29.76	2.11	34.11	2.21	39.33	2.33	42.80	2.40	47.15	2.50
	68.0	20.54	1.94	24.88	2.04	29.23	2.13	33.58	2.23	38.80	2.35	42.27	2.43	46.62	2.52
	70.0	20.24	1.95	24.59	2.05	28.94	2.15	33.28	2.24	38.50	2.36	41.98	2.44	46.33	2.53
	71.6	20.00	1.96	24.35	2.06	28.70	2.16	33.05	2.25	38.26	2.37	41.74	2.45	46.09	2.54
	75.2	19.47	1.98	23.82	2.08	28.17	2.18	32.52	2.27	37.73	2.39	41.21	2.47	45.56	2.57
CTXS07L + CTXS07L + CDXS15L	60.8	20.65	1.84	24.80	1.94	28.96	2.03	33.11	2.12	38.10	2.24	41.42	2.31	45.58	2.41
	64.4	20.14	1.86	24.29	1.96	28.45	2.05	32.60	2.14	37.59	2.26	40.91	2.33	45.07	2.43
	68.0	19.63	1.88	23.79	1.98	27.94	2.07	32.10	2.17	37.08	2.28	40.41	2.35	44.56	2.45
	70.0	19.35	1.89	23.50	1.99	27.66	2.08	31.81	2.18	36.80	2.29	40.12	2.37	44.28	2.46
	71.6	19.12	1.90	23.28	2.00	27.43	2.09	31.59	2.19	36.57	2.30	39.90	2.37	44.05	2.47
	75.2	18.61	1.92	22.77	2.02	26.92	2.11	31.08	2.21	36.07	2.32	39.39	2.40	43.55	2.49
CTXS07L + CTXS07L + FTXS18L	60.8	22.72	2.09	27.29	2.20	31.87	2.30	36.44	2.41	41.93	2.54	45.59	2.63	50.16	2.73
	64.4	22.16	2.11	26.74	2.22	31.31	2.33	35.88	2.44	41.37	2.56	45.03	2.65	49.60	2.76
	68.0	21.60	2.14	26.18	2.24	30.75	2.35	35.32	2.46	40.81	2.59	44.47	2.67	49.04	2.78
	70.0	21.29	2.15	25.87	2.26	30.44	2.36	35.01	2.47	40.50	2.60	44.16	2.69	48.73	2.79
	71.6	21.04	2.16	25.62	2.27	30.19	2.37	34.76	2.48	40.25	2.61	43.91	2.70	48.48	2.80
	75.2	20.48	2.18	25.06	2.29	29.63	2.40	34.20	2.51	39.69	2.63	43.35	2.72	47.92	2.83
CTXS07L + CTXS07L + CDXS18L	60.8	21.77	2.02	26.15	2.12	30.53	2.22	34.91	2.33	40.17	2.45	43.67	2.53	48.06	2.64
	64.4	21.23	2.04	25.61	2.14	29.99	2.25	34.38	2.35	39.63	2.47	43.14	2.56	47.52	2.66
	68.0	20.70	2.06	25.08	2.17	29.46	2.27	33.84	2.37	39.10	2.50	42.60	2.58	46.98	2.68
	70.0	20.40	2.08	24.78	2.18	29.16	2.28	33.54	2.39	38.80	2.51	42.30	2.59	46.69	2.70
	71.6	20.16	2.09	24.54	2.19	28.92	2.29	33.30	2.40	38.56	2.52	42.07	2.60	46.45	2.71
	75.2	19.63	2.11	24.01	2.21	28.39	2.32	32.77	2.42	38.03	2.54	41.53	2.63	45.91	2.73
CTXS07L + CTXS07L + FTXS24L	60.8	24.12	2.40	28.98	2.52	33.84	2.64	38.69	2.76	44.52	2.91	48.40	3.01	53.26	3.13
	64.4	23.53	2.42	28.39	2.55	33.24	2.67	38.10	2.79	43.92	2.94	47.81	3.04	52.66	3.16
	68.0	22.94	2.45	27.79	2.57	32.65	2.70	37.50	2.82	43.33	2.97	47.21	3.06	52.07	3.19
	70.0	22.61	2.46	27.46	2.59	32.32	2.71	37.17	2.83	43.00	2.98	46.88	3.08	51.74	3.20
	71.6	22.34	2.48	27.20	2.60	32.05	2.72	36.91	2.84	42.74	2.99	46.62	3.09	51.48	3.21
	75.2	21.75	2.50	26.60	2.63	31.46	2.75	36.32	2.87	42.14	3.02	46.03	3.12	50.88	3.24
CTXS07L + CTXS07L + CDXS24L	60.8	23.17	2.24	27.83	2.35	32.50	2.46	37.16	2.58	42.76	2.72	46.49	2.81	51.15	2.92
	64.4	22.60	2.26	27.26	2.37	31.93	2.49	36.59	2.60	42.19	2.74	45.92	2.83	50.58	2.95
	68.0	22.03	2.29	26.69	2.40	31.36	2.51	36.02	2.63	41.62	2.77	45.35	2.86	50.01	2.97
	70.0	21.71	2.30	26.38	2.41	31.04	2.53	35.70	2.64	41.30	2.78	45.03	2.87	49.69	2.99
	71.6	21.46	2.31	26.12	2.42	30.79	2.54	35.45	2.65	41.05	2.79	44.78	2.88	49.44	3.00
	75.2	20.89	2.34	25.55	2.45	30.22	2.56	34.88	2.68	40.48	2.82	44.21	2.91	48.87	3.02

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS09L + FTXS09L	60.8	20.20	1.65	24.26	1.73	28.33	1.82	32.39	1.90	37.27	2.00	40.52	2.07	44.59	2.15
	64.4	19.70	1.67	23.77	1.75	27.83	1.84	31.90	1.92	36.77	2.02	40.03	2.09	44.09	2.17
	68.0	19.20	1.69	23.27	1.77	27.33	1.85	31.40	1.94	36.28	2.04	39.53	2.11	43.59	2.19
	70.0	18.93	1.70	22.99	1.78	27.06	1.86	31.12	1.95	36.00	2.05	39.25	2.12	43.32	2.20
	71.6	18.71	1.70	22.77	1.79	26.84	1.87	30.90	1.96	35.78	2.06	39.03	2.13	43.10	2.21
	75.2	18.21	1.72	22.27	1.81	26.34	1.89	30.40	1.98	35.28	2.08	38.53	2.14	42.60	2.23
CTXS07L + FTXS09L + FDXS09L	60.8	19.13	1.58	22.98	1.67	26.83	1.75	30.68	1.83	35.30	1.92	38.38	1.99	42.23	2.07
	64.4	18.66	1.60	22.51	1.68	26.36	1.76	30.21	1.85	34.83	1.94	37.91	2.01	41.76	2.09
	68.0	18.19	1.62	22.04	1.70	25.89	1.78	29.74	1.86	34.36	1.96	37.44	2.03	41.29	2.11
	70.0	17.93	1.63	21.78	1.71	25.63	1.79	29.48	1.87	34.10	1.97	37.18	2.03	41.03	2.12
	71.6	17.72	1.64	21.57	1.72	25.42	1.80	29.27	1.88	33.89	1.98	36.97	2.04	40.82	2.12
	75.2	17.25	1.65	21.10	1.74	24.95	1.82	28.80	1.90	33.42	2.00	36.50	2.06	40.35	2.14
CTXS07L + FDXS09L + FDXS09L	60.8	18.12	1.55	21.77	1.63	25.42	1.71	29.06	1.79	33.44	1.89	36.36	1.95	40.00	2.03
	64.4	17.68	1.57	21.32	1.65	24.97	1.73	28.62	1.81	32.99	1.90	35.91	1.97	39.56	2.05
	68.0	17.23	1.59	20.88	1.67	24.52	1.75	28.17	1.82	32.55	1.92	35.47	1.98	39.11	2.06
	70.0	16.98	1.60	20.63	1.68	24.28	1.76	27.92	1.83	32.30	1.93	35.22	1.99	38.87	2.07
	71.6	16.78	1.60	20.43	1.68	24.08	1.76	27.73	1.84	32.10	1.94	35.02	2.00	38.67	2.08
	75.2	16.34	1.62	19.98	1.70	23.63	1.78	27.28	1.86	31.66	1.96	34.57	2.02	38.22	2.10
CTXS07L + FTXS09L + FTXS12L	60.8	21.26	1.83	25.54	1.92	29.82	2.01	34.10	2.11	39.24	2.22	42.66	2.29	46.94	2.39
	64.4	20.74	1.85	25.02	1.94	29.30	2.03	33.58	2.13	38.71	2.24	42.14	2.31	46.42	2.41
	68.0	20.22	1.87	24.50	1.96	28.78	2.05	33.06	2.15	38.19	2.26	41.61	2.33	45.89	2.43
	70.0	19.93	1.88	24.21	1.97	28.48	2.06	32.76	2.16	37.90	2.27	41.32	2.34	45.60	2.44
	71.6	19.69	1.89	23.97	1.98	28.25	2.07	32.53	2.17	37.67	2.28	41.09	2.35	45.37	2.45
	75.2	19.17	1.91	23.45	2.00	27.73	2.09	32.01	2.19	37.14	2.30	40.57	2.37	44.85	2.47
CTXS07L + FTXS09L + FDXS12L	60.8	20.31	1.76	24.40	1.85	28.48	1.94	32.57	2.03	37.48	2.14	40.75	2.21	44.84	2.30
	64.4	19.81	1.78	23.90	1.87	27.98	1.96	32.07	2.05	36.98	2.16	40.25	2.23	44.34	2.32
	68.0	19.31	1.80	23.40	1.89	27.48	1.98	31.57	2.07	36.48	2.18	39.75	2.25	43.84	2.34
	70.0	19.03	1.81	23.12	1.90	27.21	1.99	31.29	2.08	36.20	2.19	39.47	2.26	43.56	2.35
	71.6	18.81	1.82	22.90	1.91	26.99	2.00	31.07	2.09	35.98	2.20	39.25	2.27	43.34	2.36
	75.2	18.31	1.84	22.40	1.93	26.49	2.02	30.57	2.11	35.48	2.22	38.75	2.29	42.84	2.38
CTXS07L + FDXS09L + FTXS12L	60.8	20.31	1.74	24.40	1.83	28.48	1.92	32.57	2.01	37.48	2.12	40.75	2.19	44.84	2.28
	64.4	19.81	1.76	23.90	1.85	27.98	1.94	32.07	2.03	36.98	2.14	40.25	2.21	44.34	2.30
	68.0	19.31	1.78	23.40	1.87	27.48	1.96	31.57	2.05	36.48	2.16	39.75	2.23	43.84	2.32
	70.0	19.03	1.79	23.12	1.88	27.21	1.97	31.29	2.06	36.20	2.17	39.47	2.24	43.56	2.33
	71.6	18.81	1.80	22.90	1.89	26.99	1.98	31.07	2.07	35.98	2.18	39.25	2.25	43.34	2.34
	75.2	18.31	1.82	22.40	1.91	26.49	2.00	30.57	2.09	35.48	2.20	38.75	2.27	42.84	2.36
CTXS07L + FDXS09L + FDXS12L	60.8	19.30	1.73	23.18	1.82	27.07	1.91	30.95	1.99	35.61	2.10	38.72	2.17	42.61	2.26
	64.4	18.82	1.75	22.71	1.84	26.59	1.93	30.48	2.01	35.14	2.12	38.25	2.19	42.13	2.28
	68.0	18.35	1.77	22.23	1.86	26.12	1.94	30.00	2.03	34.66	2.14	37.77	2.21	41.66	2.30
	70.0	18.09	1.78	21.97	1.87	25.85	1.96	29.74	2.04	34.40	2.15	37.51	2.22	41.39	2.31
	71.6	17.87	1.79	21.76	1.88	25.64	1.96	29.53	2.05	34.19	2.16	37.30	2.23	41.18	2.32
	75.2	17.40	1.81	21.28	1.89	25.17	1.98	29.05	2.07	33.71	2.18	36.82	2.25	40.71	2.34
CTXS07L + FTXS09L + FTXS15L	60.8	22.33	2.07	26.82	2.17	31.32	2.28	35.81	2.38	41.20	2.51	44.80	2.60	49.29	2.70
	64.4	21.78	2.09	26.27	2.20	30.77	2.30	35.26	2.41	40.65	2.53	44.25	2.62	48.74	2.72
	68.0	21.23	2.11	25.72	2.22	30.22	2.32	34.71	2.43	40.11	2.56	43.70	2.64	48.19	2.75
	70.0	20.92	2.13	25.42	2.23	29.91	2.34	34.41	2.44	39.80	2.57	43.40	2.65	47.89	2.76
	71.6	20.68	2.14	25.17	2.24	29.67	2.35	34.16	2.45	39.56	2.58	43.15	2.66	47.65	2.77
	75.2	20.13	2.16	24.62	2.26	29.12	2.37	33.61	2.48	39.01	2.60	42.60	2.69	47.10	2.79

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS09L + CDXS15L	60.8	21.38	1.95	25.68	2.05	29.98	2.15	34.28	2.24	39.44	2.36	42.89	2.44	47.19	2.54
	64.4	20.85	1.97	25.15	2.07	29.45	2.17	33.76	2.27	38.92	2.39	42.36	2.47	46.66	2.57
	68.0	20.32	1.99	24.63	2.09	28.93	2.19	33.23	2.29	38.39	2.41	41.83	2.49	46.14	2.59
	70.0	20.03	2.00	24.33	2.10	28.64	2.20	32.94	2.30	38.10	2.42	41.54	2.50	45.84	2.60
	71.6	19.80	2.01	24.10	2.11	28.40	2.21	32.70	2.31	37.87	2.43	41.31	2.51	45.61	2.61
	75.2	19.27	2.03	23.57	2.13	27.88	2.23	32.18	2.33	37.34	2.45	40.78	2.53	45.08	2.63
CTXS07L + FDXS09L + FTXS15L	60.8	21.38	1.87	25.68	1.97	29.98	2.07	34.28	2.16	39.44	2.28	42.89	2.35	47.19	2.45
	64.4	20.85	1.89	25.15	1.99	29.45	2.09	33.76	2.18	38.92	2.30	42.36	2.37	46.66	2.47
	68.0	20.32	1.92	24.63	2.01	28.93	2.11	33.23	2.20	38.39	2.32	41.83	2.40	46.14	2.49
	70.0	20.03	1.93	24.33	2.02	28.64	2.12	32.94	2.21	38.10	2.33	41.54	2.41	45.84	2.50
	71.6	19.80	1.94	24.10	2.03	28.40	2.13	32.70	2.22	37.87	2.34	41.31	2.42	45.61	2.51
	75.2	19.27	1.96	23.57	2.05	27.88	2.15	32.18	2.25	37.34	2.36	40.78	2.44	45.08	2.53
CTXS07L + FDXS09L + CDXS15L	60.8	20.42	1.87	24.53	1.97	28.64	2.07	32.75	2.16	37.68	2.28	40.97	2.35	45.08	2.45
	64.4	19.92	1.89	24.03	1.99	28.14	2.09	32.25	2.18	37.18	2.30	40.47	2.37	44.58	2.47
	68.0	19.42	1.92	23.53	2.01	27.64	2.11	31.75	2.20	36.68	2.32	39.97	2.40	44.08	2.49
	70.0	19.14	1.93	23.25	2.02	27.36	2.12	31.47	2.21	36.40	2.33	39.69	2.41	43.80	2.50
	71.6	18.91	1.94	23.02	2.03	27.13	2.13	31.24	2.22	36.18	2.34	39.46	2.42	43.58	2.51
	75.2	18.41	1.96	22.52	2.05	26.63	2.15	30.74	2.25	35.67	2.36	38.96	2.44	43.07	2.53
CTXS07L + FTXS09L + FTXS18L	60.8	23.39	2.27	28.10	2.38	32.81	2.50	37.52	2.62	43.17	2.76	46.94	2.85	51.65	2.96
	64.4	22.82	2.29	27.53	2.41	32.24	2.52	36.95	2.64	42.60	2.78	46.36	2.87	51.07	2.99
	68.0	22.24	2.32	26.95	2.43	31.66	2.55	36.37	2.67	42.02	2.81	45.79	2.90	50.50	3.01
	70.0	21.92	2.33	26.63	2.45	31.34	2.56	36.05	2.68	41.70	2.82	45.47	2.91	50.18	3.03
	71.6	21.67	2.34	26.38	2.46	31.08	2.58	35.79	2.69	41.44	2.83	45.21	2.92	49.92	3.04
	75.2	21.09	2.37	25.80	2.49	30.51	2.60	35.22	2.72	40.87	2.86	44.64	2.95	49.34	3.07
CTXS07L + FTXS09L + CDXS18L	60.8	22.44	2.12	26.96	2.23	31.47	2.34	35.99	2.45	41.41	2.58	45.02	2.67	49.54	2.77
	64.4	21.89	2.15	26.41	2.26	30.92	2.36	35.44	2.47	40.86	2.60	44.47	2.69	48.99	2.80
	68.0	21.34	2.17	25.85	2.28	30.37	2.39	34.89	2.50	40.31	2.63	43.92	2.71	48.44	2.82
	70.0	21.03	2.18	25.55	2.29	30.06	2.40	34.58	2.51	40.00	2.64	43.61	2.73	48.13	2.84
	71.6	20.78	2.19	25.30	2.30	29.82	2.41	34.33	2.52	39.75	2.65	43.37	2.74	47.88	2.85
	75.2	20.23	2.22	24.75	2.33	29.27	2.44	33.78	2.54	39.20	2.67	42.82	2.76	47.33	2.87
CTXS07L + FDXS09L + FTXS18L	60.8	22.44	2.07	26.96	2.17	31.47	2.28	35.99	2.38	41.41	2.51	45.02	2.60	49.54	2.70
	64.4	21.89	2.09	26.41	2.20	30.92	2.30	35.44	2.41	40.86	2.53	44.47	2.62	48.99	2.72
	68.0	21.34	2.11	25.85	2.22	30.37	2.32	34.89	2.43	40.31	2.56	43.92	2.64	48.44	2.75
	70.0	21.03	2.13	25.55	2.23	30.06	2.34	34.58	2.44	40.00	2.57	43.61	2.65	48.13	2.76
	71.6	20.78	2.14	25.30	2.24	29.82	2.35	34.33	2.45	39.75	2.58	43.37	2.66	47.88	2.77
	75.2	20.23	2.16	24.75	2.26	29.27	2.37	33.78	2.48	39.20	2.60	42.82	2.69	47.33	2.79
CTXS07L + FDXS09L + CDXS18L	60.8	21.54	2.06	25.88	2.16	30.22	2.27	34.55	2.37	39.75	2.50	43.22	2.59	47.56	2.69
	64.4	21.01	2.08	25.35	2.19	29.69	2.29	34.02	2.40	39.22	2.52	42.69	2.61	47.03	2.71
	68.0	20.48	2.10	24.82	2.21	29.16	2.32	33.49	2.42	38.69	2.55	42.16	2.63	46.50	2.74
	70.0	20.19	2.12	24.52	2.22	28.86	2.33	33.20	2.43	38.40	2.56	41.87	2.64	46.20	2.75
	71.6	19.95	2.13	24.29	2.23	28.63	2.34	32.96	2.44	38.16	2.57	41.63	2.65	45.97	2.76
	75.2	19.42	2.15	23.76	2.26	28.09	2.36	32.43	2.47	37.63	2.59	41.10	2.68	45.44	2.78
CTXS07L + FTXS09L + FTXS24L	60.8	24.12	2.43	28.98	2.55	33.84	2.68	38.69	2.80	44.52	2.95	48.40	3.05	53.26	3.17
	64.4	23.53	2.46	28.39	2.58	33.24	2.70	38.10	2.83	43.92	2.98	47.81	3.08	52.66	3.20
	68.0	22.94	2.48	27.79	2.61	32.65	2.73	37.50	2.86	43.33	3.00	47.21	3.10	52.07	3.23
	70.0	22.61	2.50	27.46	2.62	32.32	2.75	37.17	2.87	43.00	3.02	46.88	3.12	51.74	3.24
	71.6	22.34	2.51	27.20	2.63	32.05	2.76	36.91	2.88	42.74	3.03	46.62	3.13	51.48	3.26
	75.2	21.75	2.54	26.60	2.66	31.46	2.79	36.32	2.91	42.14	3.06	46.03	3.16	50.88	3.28

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS09L + CDXS24L	60.8	23.17	2.23	27.83	2.34	32.50	2.46	37.16	2.57	42.76	2.71	46.49	2.80	51.15	2.91
	64.4	22.60	2.25	27.26	2.37	31.93	2.48	36.59	2.59	42.19	2.73	45.92	2.82	50.58	2.94
	68.0	22.03	2.28	26.69	2.39	31.36	2.51	36.02	2.62	41.62	2.76	45.35	2.85	50.01	2.96
	70.0	21.71	2.29	26.38	2.40	31.04	2.52	35.70	2.63	41.30	2.77	45.03	2.86	49.69	2.98
	71.6	21.46	2.30	26.12	2.42	30.79	2.53	35.45	2.64	41.05	2.78	44.78	2.87	49.44	2.99
	75.2	20.89	2.33	25.55	2.44	30.22	2.56	34.88	2.67	40.48	2.81	44.21	2.90	48.87	3.01
CTXS07L + FDXS09L + FTXS24L	60.8	23.17	2.20	27.83	2.32	32.50	2.43	37.16	2.54	42.76	2.68	46.49	2.77	51.15	2.88
	64.4	22.60	2.23	27.26	2.34	31.93	2.45	36.59	2.57	42.19	2.70	45.92	2.79	50.58	2.90
	68.0	22.03	2.25	26.69	2.37	31.36	2.48	36.02	2.59	41.62	2.73	45.35	2.82	50.01	2.93
	70.0	21.71	2.27	26.38	2.38	31.04	2.49	35.70	2.60	41.30	2.74	45.03	2.83	49.69	2.94
	71.6	21.46	2.28	26.12	2.39	30.79	2.50	35.45	2.62	41.05	2.75	44.78	2.84	49.44	2.95
	75.2	20.89	2.30	25.55	2.41	30.22	2.53	34.88	2.64	40.48	2.78	44.21	2.87	48.87	2.98
CTXS07L + FDXS09L + CDXS24L	60.8	22.27	2.15	26.76	2.26	31.24	2.37	35.72	2.48	41.10	2.61	44.69	2.70	49.17	2.81
	64.4	21.72	2.17	26.21	2.28	30.69	2.39	35.17	2.50	40.55	2.63	44.14	2.72	48.62	2.83
	68.0	21.18	2.19	25.66	2.30	30.14	2.41	34.63	2.52	40.00	2.66	43.59	2.74	48.07	2.85
	70.0	20.87	2.21	25.35	2.32	29.84	2.43	34.32	2.54	39.70	2.67	43.29	2.76	47.77	2.87
	71.6	20.63	2.22	25.11	2.33	29.59	2.44	34.08	2.55	39.46	2.68	43.04	2.77	47.53	2.88
	75.2	20.08	2.24	24.56	2.35	29.05	2.46	33.53	2.57	38.91	2.70	42.49	2.79	46.98	2.90
CTXS07L + FTXS12L + FTXS12L	60.8	22.33	1.98	26.82	2.08	31.32	2.18	35.81	2.28	41.20	2.40	44.80	2.48	49.29	2.59
	64.4	21.78	2.00	26.27	2.10	30.77	2.20	35.26	2.30	40.65	2.43	44.25	2.51	48.74	2.61
	68.0	21.23	2.02	25.72	2.12	30.22	2.22	34.71	2.33	40.11	2.45	43.70	2.53	48.19	2.63
	70.0	20.92	2.03	25.42	2.14	29.91	2.24	34.41	2.34	39.80	2.46	43.40	2.54	47.89	2.64
	71.6	20.68	2.04	25.17	2.15	29.67	2.25	34.16	2.35	39.56	2.47	43.15	2.55	47.65	2.65
	75.2	20.13	2.07	24.62	2.17	29.12	2.27	33.61	2.37	39.01	2.49	42.60	2.57	47.10	2.67
CTXS07L + FTXS12L + FDXS12L	60.8	21.38	1.89	25.68	1.99	29.98	2.08	34.28	2.18	39.44	2.30	42.89	2.37	47.19	2.47
	64.4	20.85	1.91	25.15	2.01	29.45	2.10	33.76	2.20	38.92	2.32	42.36	2.39	46.66	2.49
	68.0	20.32	1.93	24.63	2.03	28.93	2.13	33.23	2.22	38.39	2.34	41.83	2.42	46.14	2.51
	70.0	20.03	1.94	24.33	2.04	28.64	2.14	32.94	2.23	38.10	2.35	41.54	2.43	45.84	2.52
	71.6	19.80	1.95	24.10	2.05	28.40	2.15	32.70	2.24	37.87	2.36	41.31	2.44	45.61	2.53
	75.2	19.27	1.97	23.57	2.07	27.88	2.17	32.18	2.26	37.34	2.38	40.78	2.46	45.08	2.55
CTXS07L + FDXS12L + FDXS12L	60.8	20.42	1.91	24.53	2.01	28.64	2.11	32.75	2.21	37.68	2.33	40.97	2.40	45.08	2.50
	64.4	19.92	1.94	24.03	2.03	28.14	2.13	32.25	2.23	37.18	2.35	40.47	2.43	44.58	2.52
	68.0	19.42	1.96	23.53	2.05	27.64	2.15	31.75	2.25	36.68	2.37	39.97	2.45	44.08	2.54
	70.0	19.14	1.97	23.25	2.07	27.36	2.16	31.47	2.26	36.40	2.38	39.69	2.46	43.80	2.56
	71.6	18.91	1.98	23.02	2.08	27.13	2.17	31.24	2.27	36.18	2.39	39.46	2.47	43.58	2.57
	75.2	18.41	2.00	22.52	2.10	26.63	2.20	30.74	2.29	35.67	2.41	38.96	2.49	43.07	2.59
CTXS07L + FTXS12L + FTXS15L	60.8	23.39	2.28	28.10	2.39	32.81	2.51	37.52	2.62	43.17	2.76	46.94	2.86	51.65	2.97
	64.4	22.82	2.30	27.53	2.42	32.24	2.53	36.95	2.65	42.60	2.79	46.36	2.88	51.07	3.00
	68.0	22.24	2.33	26.95	2.44	31.66	2.56	36.37	2.68	42.02	2.82	45.79	2.91	50.50	3.03
	70.0	21.92	2.34	26.63	2.46	31.34	2.57	36.05	2.69	41.70	2.83	45.47	2.92	50.18	3.04
	71.6	21.67	2.35	26.38	2.47	31.08	2.58	35.79	2.70	41.44	2.84	45.21	2.93	49.92	3.05
	75.2	21.09	2.38	25.80	2.49	30.51	2.61	35.22	2.73	40.87	2.87	44.64	2.96	49.34	3.08
CTXS07L + FTXS12L + CDXS15L	60.8	22.44	2.13	26.96	2.24	31.47	2.35	35.99	2.46	41.41	2.59	45.02	2.68	49.54	2.79
	64.4	21.89	2.15	26.41	2.26	30.92	2.37	35.44	2.48	40.86	2.61	44.47	2.70	48.99	2.81
	68.0	21.34	2.18	25.85	2.29	30.37	2.40	34.89	2.51	40.31	2.64	43.92	2.72	48.44	2.83
	70.0	21.03	2.19	25.55	2.30	30.06	2.41	34.58	2.52	40.00	2.65	43.61	2.74	48.13	2.85
	71.6	20.78	2.20	25.30	2.31	29.82	2.42	34.33	2.53	39.75	2.66	43.37	2.75	47.88	2.86
	75.2	20.23	2.23	24.75	2.34	29.27	2.44	33.78	2.55	39.20	2.68	42.82	2.77	47.33	2.88

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FDXS12L + FTXS15L	60.8	22.44	2.06	26.96	2.16	31.47	2.27	35.99	2.37	41.41	2.50	45.02	2.59	49.54	2.69
	64.4	21.89	2.08	26.41	2.19	30.92	2.29	35.44	2.40	40.86	2.52	44.47	2.61	48.99	2.71
	68.0	21.34	2.10	25.85	2.21	30.37	2.32	34.89	2.42	40.31	2.55	43.92	2.63	48.44	2.74
	70.0	21.03	2.12	25.55	2.22	30.06	2.33	34.58	2.43	40.00	2.56	43.61	2.64	48.13	2.75
	71.6	20.78	2.13	25.30	2.23	29.82	2.34	34.33	2.44	39.75	2.57	43.37	2.65	47.88	2.76
	75.2	20.23	2.15	24.75	2.26	29.27	2.36	33.78	2.47	39.20	2.59	42.82	2.68	47.33	2.78
CTXS07L + FDXS12L + CDXS15L	60.8	21.54	2.07	25.88	2.17	30.22	2.28	34.55	2.38	39.75	2.51	43.22	2.60	47.56	2.70
	64.4	21.01	2.09	25.35	2.20	29.69	2.30	34.02	2.41	39.22	2.53	42.69	2.62	47.03	2.72
	68.0	20.48	2.11	24.82	2.22	29.16	2.32	33.49	2.43	38.69	2.56	42.16	2.64	46.50	2.75
	70.0	20.19	2.13	24.52	2.23	28.86	2.34	33.20	2.44	38.40	2.57	41.87	2.65	46.20	2.76
	71.6	19.95	2.14	24.29	2.24	28.63	2.35	32.96	2.45	38.16	2.58	41.63	2.66	45.97	2.77
	75.2	19.42	2.16	23.76	2.26	28.09	2.37	32.43	2.48	37.63	2.60	41.10	2.69	45.44	2.79
CTXS07L + FTXS12L + FTXS18L	60.8	24.12	2.40	28.98	2.53	33.84	2.65	38.69	2.77	44.52	2.92	48.40	3.02	53.26	3.14
	64.4	23.53	2.43	28.39	2.55	33.24	2.68	38.10	2.80	43.92	2.95	47.81	3.05	52.66	3.17
	68.0	22.94	2.46	27.79	2.58	32.65	2.70	37.50	2.83	43.33	2.98	47.21	3.07	52.07	3.20
	70.0	22.61	2.47	27.46	2.60	32.32	2.72	37.17	2.84	43.00	2.99	46.88	3.09	51.74	3.21
	71.6	22.34	2.48	27.20	2.61	32.05	2.73	36.91	2.85	42.74	3.00	46.62	3.10	51.48	3.22
	75.2	21.75	2.51	26.60	2.63	31.46	2.76	36.32	2.88	42.14	3.03	46.03	3.13	50.88	3.25
CTXS07L + FTXS12L + CDXS18L	60.8	23.17	2.24	27.83	2.35	32.50	2.46	37.16	2.58	42.76	2.72	46.49	2.81	51.15	2.92
	64.4	22.60	2.26	27.26	2.37	31.93	2.49	36.59	2.60	42.19	2.74	45.92	2.83	50.58	2.95
	68.0	22.03	2.29	26.69	2.40	31.36	2.51	36.02	2.63	41.62	2.77	45.35	2.86	50.01	2.97
	70.0	21.71	2.30	26.38	2.41	31.04	2.53	35.70	2.64	41.30	2.78	45.03	2.87	49.69	2.99
	71.6	21.46	2.31	26.12	2.42	30.79	2.54	35.45	2.65	41.05	2.79	44.78	2.88	49.44	3.00
	75.2	20.89	2.34	25.55	2.45	30.22	2.56	34.88	2.68	40.48	2.82	44.21	2.91	48.87	3.02
CTXS07L + FDXS12L + FTXS18L	60.8	23.17	2.18	27.83	2.29	32.50	2.40	37.16	2.51	42.76	2.65	46.49	2.74	51.15	2.85
	64.4	22.60	2.20	27.26	2.31	31.93	2.43	36.59	2.54	42.19	2.67	45.92	2.76	50.58	2.87
	68.0	22.03	2.23	26.69	2.34	31.36	2.45	36.02	2.56	41.62	2.70	45.35	2.79	50.01	2.90
	70.0	21.71	2.24	26.38	2.35	31.04	2.46	35.70	2.58	41.30	2.71	45.03	2.80	49.69	2.91
	71.6	21.46	2.25	26.12	2.36	30.79	2.48	35.45	2.59	41.05	2.72	44.78	2.81	49.44	2.92
	75.2	20.89	2.28	25.55	2.39	30.22	2.50	34.88	2.61	40.48	2.75	44.21	2.83	48.87	2.95
CTXS07L + FDXS12L + CDXS18L	60.8	22.27	2.17	26.76	2.28	31.24	2.39	35.72	2.50	41.10	2.64	44.69	2.73	49.17	2.84
	64.4	21.72	2.20	26.21	2.31	30.69	2.42	35.17	2.53	40.55	2.66	44.14	2.75	48.62	2.86
	68.0	21.18	2.22	25.66	2.33	30.14	2.44	34.63	2.55	40.00	2.69	43.59	2.78	48.07	2.89
	70.0	20.87	2.23	25.35	2.34	29.84	2.46	34.32	2.57	39.70	2.70	43.29	2.79	47.77	2.90
	71.6	20.63	2.24	25.11	2.36	29.59	2.47	34.08	2.58	39.46	2.71	43.04	2.80	47.53	2.91
	75.2	20.08	2.27	24.56	2.38	29.05	2.49	33.53	2.60	38.91	2.74	42.49	2.82	46.98	2.94
CTXS07L + FTXS12L + FTXS24L	60.8	24.12	2.50	28.98	2.63	33.84	2.76	38.69	2.88	44.52	3.04	48.40	3.14	53.26	3.27
	64.4	23.53	2.53	28.39	2.66	33.24	2.78	38.10	2.91	43.92	3.07	47.81	3.17	52.66	3.30
	68.0	22.94	2.56	27.79	2.68	32.65	2.81	37.50	2.94	43.33	3.09	47.21	3.20	52.07	3.32
	70.0	22.61	2.57	27.46	2.70	32.32	2.83	37.17	2.96	43.00	3.11	46.88	3.21	51.74	3.34
	71.6	22.34	2.58	27.20	2.71	32.05	2.84	36.91	2.97	42.74	3.12	46.62	3.22	51.48	3.35
	75.2	21.75	2.61	26.60	2.74	31.46	2.87	36.32	3.00	42.14	3.15	46.03	3.25	50.88	3.38
CTXS07L + FTXS12L + CDXS24L	60.8	23.17	2.23	27.83	2.34	32.50	2.46	37.16	2.57	42.76	2.71	46.49	2.80	51.15	2.91
	64.4	22.60	2.25	27.26	2.37	31.93	2.48	36.59	2.59	42.19	2.73	45.92	2.82	50.58	2.94
	68.0	22.03	2.28	26.69	2.39	31.36	2.51	36.02	2.62	41.62	2.76	45.35	2.85	50.01	2.96
	70.0	21.71	2.29	26.38	2.40	31.04	2.52	35.70	2.63	41.30	2.77	45.03	2.86	49.69	2.98
	71.6	21.46	2.30	26.12	2.42	30.79	2.53	35.45	2.64	41.05	2.78	44.78	2.87	49.44	2.99
	75.2	20.89	2.33	25.55	2.44	30.22	2.56	34.88	2.67	40.48	2.81	44.21	2.90	48.87	3.01

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FDXS12L + FTXS24L	60.8	23.17	2.20	27.83	2.32	32.50	2.43	37.16	2.54	42.76	2.68	46.49	2.77	51.15	2.88
	64.4	22.60	2.23	27.26	2.34	31.93	2.45	36.59	2.57	42.19	2.70	45.92	2.79	50.58	2.90
	68.0	22.03	2.25	26.69	2.37	31.36	2.48	36.02	2.59	41.62	2.73	45.35	2.82	50.01	2.93
	70.0	21.71	2.27	26.38	2.38	31.04	2.49	35.70	2.60	41.30	2.74	45.03	2.83	49.69	2.94
	71.6	21.46	2.28	26.12	2.39	30.79	2.50	35.45	2.62	41.05	2.75	44.78	2.84	49.44	2.95
	75.2	20.89	2.30	25.55	2.41	30.22	2.53	34.88	2.64	40.48	2.78	44.21	2.87	48.87	2.98
CTXS07L + FDXS12L + CDXS24L	60.8	22.27	2.15	26.76	2.26	31.24	2.37	35.72	2.48	41.10	2.61	44.69	2.70	49.17	2.81
	64.4	21.72	2.17	26.21	2.28	30.69	2.39	35.17	2.50	40.55	2.63	44.14	2.72	48.62	2.83
	68.0	21.18	2.19	25.66	2.30	30.14	2.41	34.63	2.52	40.00	2.66	43.59	2.74	48.07	2.85
	70.0	20.87	2.21	25.35	2.32	29.84	2.43	34.32	2.54	39.70	2.67	43.29	2.76	47.77	2.87
	71.6	20.63	2.22	25.11	2.33	29.59	2.44	34.08	2.55	39.46	2.68	43.04	2.77	47.53	2.88
	75.2	20.08	2.24	24.56	2.35	29.05	2.46	33.53	2.57	38.91	2.70	42.49	2.79	46.98	2.90
CTXS07L + FTXS15L + FTXS15L	60.8	24.12	2.71	28.98	2.85	33.84	2.99	38.69	3.13	44.52	3.29	48.40	3.40	53.26	3.54
	64.4	23.53	2.74	28.39	2.88	33.24	3.02	38.10	3.16	43.92	3.32	47.81	3.43	52.66	3.57
	68.0	22.94	2.77	27.79	2.91	32.65	3.05	37.50	3.19	43.33	3.35	47.21	3.46	52.07	3.60
	70.0	22.61	2.79	27.46	2.93	32.32	3.06	37.17	3.20	43.00	3.37	46.88	3.48	51.74	3.62
	71.6	22.34	2.80	27.20	2.94	32.05	3.08	36.91	3.22	42.74	3.38	46.62	3.49	51.48	3.63
	75.2	21.75	2.83	26.60	2.97	31.46	3.11	36.32	3.25	42.14	3.41	46.03	3.52	50.88	3.66
CTXS07L + FTXS15L + CDXS15L	60.8	23.17	2.33	27.83	2.45	32.50	2.57	37.16	2.69	42.76	2.83	46.49	2.93	51.15	3.05
	64.4	22.60	2.36	27.26	2.48	31.93	2.60	36.59	2.72	42.19	2.86	45.92	2.95	50.58	3.07
	68.0	22.03	2.38	26.69	2.50	31.36	2.62	36.02	2.74	41.62	2.89	45.35	2.98	50.01	3.10
	70.0	21.71	2.40	26.38	2.52	31.04	2.64	35.70	2.76	41.30	2.90	45.03	3.00	49.69	3.11
	71.6	21.46	2.41	26.12	2.53	30.79	2.65	35.45	2.77	41.05	2.91	44.78	3.01	49.44	3.13
	75.2	20.89	2.44	25.55	2.56	30.22	2.68	34.88	2.79	40.48	2.94	44.21	3.03	48.87	3.15
CTXS07L + CDXS15L + CDXS15L	60.8	22.27	2.21	26.76	2.32	31.24	2.44	35.72	2.55	41.10	2.69	44.69	2.78	49.17	2.89
	64.4	21.72	2.24	26.21	2.35	30.69	2.46	35.17	2.58	40.55	2.71	44.14	2.80	48.62	2.92
	68.0	21.18	2.26	25.66	2.37	30.14	2.49	34.63	2.60	40.00	2.74	43.59	2.83	48.07	2.94
	70.0	20.87	2.27	25.35	2.39	29.84	2.50	34.32	2.61	39.70	2.75	43.29	2.84	47.77	2.95
	71.6	20.63	2.29	25.11	2.40	29.59	2.51	34.08	2.63	39.46	2.76	43.04	2.85	47.53	2.96
	75.2	20.08	2.31	24.56	2.42	29.05	2.54	33.53	2.65	38.91	2.79	42.49	2.88	46.98	2.99
CTXS07L + FTXS15L + FTXS18L	60.8	24.12	2.73	28.98	2.87	33.84	3.01	38.69	3.15	44.52	3.32	48.40	3.43	53.26	3.57
	64.4	23.53	2.76	28.39	2.90	33.24	3.04	38.10	3.18	43.92	3.35	47.81	3.46	52.66	3.60
	68.0	22.94	2.79	27.79	2.93	32.65	3.07	37.50	3.21	43.33	3.38	47.21	3.49	52.07	3.64
	70.0	22.61	2.81	27.46	2.95	32.32	3.09	37.17	3.23	43.00	3.40	46.88	3.51	51.74	3.65
	71.6	22.34	2.83	27.20	2.97	32.05	3.11	36.91	3.25	42.74	3.41	46.62	3.53	51.48	3.67
	75.2	21.75	2.86	26.60	3.00	31.46	3.14	36.32	3.28	42.14	3.44	46.03	3.56	50.88	3.70
CTXS07L + FTXS15L + CDXS18L	60.8	23.17	2.32	27.83	2.44	32.50	2.56	37.16	2.68	42.76	2.82	46.49	2.92	51.15	3.04
	64.4	22.60	2.35	27.26	2.47	31.93	2.59	36.59	2.71	42.19	2.85	45.92	2.94	50.58	3.06
	68.0	22.03	2.38	26.69	2.49	31.36	2.61	36.02	2.73	41.62	2.88	45.35	2.97	50.01	3.09
	70.0	21.71	2.39	26.38	2.51	31.04	2.63	35.70	2.75	41.30	2.89	45.03	2.99	49.69	3.10
	71.6	21.46	2.40	26.12	2.52	30.79	2.64	35.45	2.76	41.05	2.90	44.78	3.00	49.44	3.12
	75.2	20.89	2.43	25.55	2.55	30.22	2.67	34.88	2.78	40.48	2.93	44.21	3.02	48.87	3.14
CTXS07L + CDXS15L + FTXS18L	60.8	23.17	2.34	27.83	2.46	32.50	2.58	37.16	2.70	42.76	2.84	46.49	2.94	51.15	3.06
	64.4	22.60	2.37	27.26	2.49	31.93	2.61	36.59	2.73	42.19	2.87	45.92	2.97	50.58	3.08
	68.0	22.03	2.39	26.69	2.51	31.36	2.63	36.02	2.75	41.62	2.90	45.35	2.99	50.01	3.11
	70.0	21.71	2.41	26.38	2.53	31.04	2.65	35.70	2.77	41.30	2.91	45.03	3.01	49.69	3.13
	71.6	21.46	2.42	26.12	2.54	30.79	2.66	35.45	2.78	41.05	2.92	44.78	3.02	49.44	3.14
	75.2	20.89	2.44	25.55	2.56	30.22	2.68	34.88	2.80	40.48	2.95	44.21	3.04	48.87	3.16

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CDXS15L + CDXS18L	60.8	22.27	2.20	26.76	2.32	31.24	2.43	35.72	2.54	41.10	2.68	44.69	2.77	49.17	2.88
	64.4	21.72	2.23	26.21	2.34	30.69	2.45	35.17	2.57	40.55	2.70	44.14	2.79	48.62	2.90
	68.0	21.18	2.25	25.66	2.37	30.14	2.48	34.63	2.59	40.00	2.73	43.59	2.82	48.07	2.93
	70.0	20.87	2.27	25.35	2.38	29.84	2.49	34.32	2.60	39.70	2.74	43.29	2.83	47.77	2.94
	71.6	20.63	2.28	25.11	2.39	29.59	2.50	34.08	2.62	39.46	2.75	43.04	2.84	47.53	2.95
	75.2	20.08	2.30	24.56	2.41	29.05	2.53	33.53	2.64	38.91	2.78	42.49	2.87	46.98	2.98
CTXS07L + FTXS18L + FTXS18L	60.8	24.12	2.76	28.98	2.90	33.84	3.04	38.69	3.18	44.52	3.35	48.40	3.46	53.26	3.61
	64.4	23.53	2.79	28.39	2.93	33.24	3.07	38.10	3.21	43.92	3.38	47.81	3.49	52.66	3.64
	68.0	22.94	2.82	27.79	2.96	32.65	3.10	37.50	3.24	43.33	3.41	47.21	3.53	52.07	3.67
	70.0	22.61	2.84	27.46	2.98	32.32	3.12	37.17	3.26	43.00	3.43	46.88	3.54	51.74	3.68
	71.6	22.34	2.85	27.20	2.99	32.05	3.13	36.91	3.27	42.74	3.44	46.62	3.56	51.48	3.70
	75.2	21.75	2.88	26.60	3.02	31.46	3.16	36.32	3.31	42.14	3.47	46.03	3.59	50.88	3.73
CTXS07L + FTXS18L + CDXS18L	60.8	23.17	2.33	27.83	2.45	32.50	2.57	37.16	2.69	42.76	2.83	46.49	2.93	51.15	3.05
	64.4	22.60	2.36	27.26	2.48	31.93	2.60	36.59	2.72	42.19	2.86	45.92	2.95	50.58	3.07
	68.0	22.03	2.38	26.69	2.50	31.36	2.62	36.02	2.74	41.62	2.89	45.35	2.98	50.01	3.10
	70.0	21.71	2.40	26.38	2.52	31.04	2.64	35.70	2.76	41.30	2.90	45.03	3.00	49.69	3.11
	71.6	21.46	2.41	26.12	2.53	30.79	2.65	35.45	2.77	41.05	2.91	44.78	3.01	49.44	3.13
	75.2	20.89	2.44	25.55	2.56	30.22	2.68	34.88	2.79	40.48	2.94	44.21	3.03	48.87	3.15
CTXS07L + CDXS18L + CDXS18L	60.8	22.27	2.19	26.76	2.31	31.24	2.42	35.72	2.53	41.10	2.67	44.69	2.76	49.17	2.87
	64.4	21.72	2.22	26.21	2.33	30.69	2.44	35.17	2.56	40.55	2.69	44.14	2.78	48.62	2.89
	68.0	21.18	2.24	25.66	2.36	30.14	2.47	34.63	2.58	40.00	2.72	43.59	2.81	48.07	2.92
	70.0	20.87	2.26	25.35	2.37	29.84	2.48	34.32	2.60	39.70	2.73	43.29	2.82	47.77	2.93
	71.6	20.63	2.27	25.11	2.38	29.59	2.49	34.08	2.61	39.46	2.74	43.04	2.83	47.53	2.94
	75.2	20.08	2.29	24.56	2.41	29.05	2.52	33.53	2.63	38.91	2.77	42.49	2.86	46.98	2.97
FTXS09L + FTXS09L + FTXS09L	60.8	20.93	1.75	25.14	1.84	29.35	1.93	33.56	2.02	38.62	2.13	41.99	2.20	46.20	2.29
	64.4	20.41	1.77	24.62	1.86	28.84	1.95	33.05	2.04	38.10	2.15	41.47	2.22	45.68	2.31
	68.0	19.90	1.79	24.11	1.88	28.32	1.97	32.53	2.06	37.59	2.17	40.96	2.24	45.17	2.33
	70.0	19.61	1.80	23.82	1.89	28.03	1.98	32.25	2.07	37.30	2.18	40.67	2.25	44.88	2.34
	71.6	19.38	1.81	23.59	1.90	27.81	1.99	32.02	2.08	37.07	2.19	40.44	2.26	44.65	2.35
	75.2	18.87	1.83	23.08	1.92	27.29	2.01	31.50	2.10	36.56	2.21	39.93	2.28	44.14	2.37
FTXS09L + FTXS09L + FDXS09L	60.8	19.92	1.67	23.93	1.76	27.93	1.84	31.94	1.93	36.75	2.03	39.96	2.10	43.97	2.19
	64.4	19.43	1.69	23.43	1.78	27.44	1.86	31.45	1.95	36.26	2.05	39.47	2.12	43.48	2.21
	68.0	18.94	1.71	22.94	1.80	26.95	1.88	30.96	1.97	35.77	2.07	38.98	2.14	42.99	2.22
	70.0	18.66	1.72	22.67	1.81	26.68	1.89	30.69	1.98	35.50	2.08	38.71	2.15	42.72	2.23
	71.6	18.45	1.73	22.45	1.81	26.46	1.90	30.47	1.99	35.28	2.09	38.49	2.16	42.50	2.24
	75.2	17.96	1.75	21.96	1.83	25.97	1.92	29.98	2.00	34.79	2.11	38.00	2.18	42.01	2.26
FTXS09L + FDXS09L + FDXS09L	60.8	18.96	1.66	22.78	1.75	26.60	1.83	30.41	1.92	34.99	2.02	38.05	2.09	41.86	2.18
	64.4	18.50	1.68	22.31	1.77	26.13	1.85	29.95	1.94	34.53	2.04	37.58	2.11	41.40	2.19
	68.0	18.03	1.70	21.85	1.79	25.66	1.87	29.48	1.96	34.06	2.06	37.11	2.13	40.93	2.21
	70.0	17.77	1.71	21.59	1.80	25.40	1.88	29.22	1.97	33.80	2.07	36.85	2.14	40.67	2.22
	71.6	17.56	1.72	21.38	1.81	25.20	1.89	29.01	1.98	33.59	2.08	36.65	2.15	40.46	2.23
	75.2	17.10	1.74	20.91	1.82	24.73	1.91	28.55	1.99	33.13	2.10	36.18	2.17	40.00	2.25
FDXS09L + FDXS09L + FDXS09L	60.8	17.95	1.66	21.57	1.74	25.18	1.83	28.79	1.91	33.13	2.01	36.02	2.08	39.63	2.17
	64.4	17.51	1.67	21.12	1.76	24.74	1.84	28.35	1.93	32.69	2.03	35.58	2.10	39.19	2.18
	68.0	17.07	1.69	20.68	1.78	24.30	1.86	27.91	1.95	32.25	2.05	35.14	2.12	38.75	2.20
	70.0	16.82	1.70	20.44	1.79	24.05	1.87	27.66	1.96	32.00	2.06	34.89	2.13	38.50	2.21
	71.6	16.63	1.71	20.24	1.80	23.85	1.88	27.47	1.97	31.80	2.07	34.69	2.14	38.31	2.22
	75.2	16.19	1.73	19.80	1.82	23.41	1.90	27.03	1.99	31.36	2.09	34.25	2.15	37.87	2.24

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS09L + FTXS12L	60.8	21.99	1.94	26.42	2.04	30.85	2.14	35.27	2.24	40.58	2.35	44.12	2.43	48.55	2.53
	64.4	21.45	1.96	25.88	2.06	30.30	2.16	34.73	2.26	40.04	2.38	43.58	2.46	48.01	2.55
	68.0	20.91	1.98	25.34	2.08	29.76	2.18	34.19	2.28	39.50	2.40	43.04	2.48	47.47	2.58
	70.0	20.61	1.99	25.04	2.09	29.46	2.19	33.89	2.29	39.20	2.41	42.74	2.49	47.17	2.59
	71.6	20.37	2.00	24.79	2.10	29.22	2.20	33.65	2.30	38.96	2.42	42.50	2.50	46.93	2.60
	75.2	19.83	2.02	24.25	2.12	28.68	2.22	33.11	2.32	38.42	2.44	41.96	2.52	46.39	2.62
FTXS09L + FDXS09L + FDXS12L	60.8	21.04	1.85	25.27	1.94	29.51	2.04	33.74	2.13	38.82	2.25	42.21	2.32	46.45	2.42
	64.4	20.52	1.87	24.76	1.96	28.99	2.06	33.22	2.15	38.31	2.27	41.69	2.34	45.93	2.44
	68.0	20.00	1.89	24.24	1.99	28.47	2.08	32.71	2.17	37.79	2.29	41.18	2.36	45.41	2.46
	70.0	19.72	1.90	23.95	2.00	28.18	2.09	32.42	2.19	37.50	2.30	40.89	2.38	45.12	2.47
	71.6	19.49	1.91	23.72	2.01	27.95	2.10	32.19	2.20	37.27	2.31	40.66	2.38	44.89	2.48
	75.2	18.97	1.93	23.20	2.03	27.44	2.12	31.67	2.22	36.75	2.33	40.14	2.41	44.37	2.50
FTXS09L + FDXS09L + FTXS12L	60.8	21.04	1.84	25.27	1.94	29.51	2.03	33.74	2.12	38.82	2.24	42.21	2.31	46.45	2.41
	64.4	20.52	1.86	24.76	1.96	28.99	2.05	33.22	2.14	38.31	2.26	41.69	2.33	45.93	2.43
	68.0	20.00	1.88	24.24	1.98	28.47	2.07	32.71	2.17	37.79	2.28	41.18	2.35	45.41	2.45
	70.0	19.72	1.89	23.95	1.99	28.18	2.08	32.42	2.18	37.50	2.29	40.89	2.37	45.12	2.46
	71.6	19.49	1.90	23.72	2.00	27.95	2.09	32.19	2.19	37.27	2.30	40.66	2.37	44.89	2.47
	75.2	18.97	1.92	23.20	2.02	27.44	2.11	31.67	2.21	36.75	2.32	40.14	2.40	44.37	2.49
FTXS09L + FDXS09L + FDXS12L	60.8	20.03	1.81	24.06	1.90	28.09	1.99	32.12	2.09	36.96	2.20	40.18	2.27	44.22	2.36
	64.4	19.54	1.83	23.57	1.92	27.60	2.01	31.63	2.11	36.47	2.22	39.69	2.29	43.72	2.39
	68.0	19.04	1.85	23.07	1.94	27.11	2.03	31.14	2.13	35.97	2.24	39.20	2.31	43.23	2.41
	70.0	18.77	1.86	22.80	1.95	26.83	2.05	30.86	2.14	35.70	2.25	38.92	2.32	42.96	2.42
	71.6	18.55	1.87	22.58	1.96	26.61	2.06	30.64	2.15	35.48	2.26	38.71	2.33	42.74	2.43
	75.2	18.06	1.89	22.09	1.98	26.12	2.08	30.15	2.17	34.99	2.28	38.21	2.35	42.24	2.45
FDXS09L + FDXS09L + FTXS12L	60.8	20.03	1.78	24.06	1.88	28.09	1.97	32.12	2.06	36.96	2.17	40.18	2.24	44.22	2.33
	64.4	19.54	1.80	23.57	1.90	27.60	1.99	31.63	2.08	36.47	2.19	39.69	2.26	43.72	2.35
	68.0	19.04	1.82	23.07	1.92	27.11	2.01	31.14	2.10	35.97	2.21	39.20	2.28	43.23	2.37
	70.0	18.77	1.84	22.80	1.93	26.83	2.02	30.86	2.11	35.70	2.22	38.92	2.29	42.96	2.38
	71.6	18.55	1.84	22.58	1.94	26.61	2.03	30.64	2.12	35.48	2.23	38.71	2.30	42.74	2.39
	75.2	18.06	1.86	22.09	1.96	26.12	2.05	30.15	2.14	34.99	2.25	38.21	2.32	42.24	2.41
FDXS09L + FDXS09L + FDXS12L	60.8	19.07	1.83	22.91	1.93	26.75	2.02	30.59	2.11	35.20	2.23	38.27	2.30	42.11	2.40
	64.4	18.61	1.85	22.44	1.95	26.28	2.04	30.12	2.14	34.73	2.25	37.80	2.32	41.64	2.42
	68.0	18.14	1.87	21.98	1.97	25.81	2.06	29.65	2.16	34.26	2.27	37.33	2.34	41.17	2.44
	70.0	17.88	1.89	21.71	1.98	25.55	2.07	29.39	2.17	34.00	2.28	37.07	2.36	40.91	2.45
	71.6	17.67	1.89	21.51	1.99	25.35	2.08	29.18	2.18	33.79	2.29	36.86	2.36	40.70	2.46
	75.2	17.20	1.92	21.04	2.01	24.88	2.10	28.71	2.20	33.32	2.31	36.39	2.38	40.23	2.48
FTXS09L + FTXS09L + FTXS15L	60.8	23.06	2.20	27.70	2.32	32.34	2.43	36.98	2.54	42.55	2.68	46.26	2.77	50.90	2.88
	64.4	22.49	2.23	27.13	2.34	31.77	2.45	36.41	2.57	41.98	2.70	45.70	2.79	50.34	2.90
	68.0	21.92	2.25	26.56	2.37	31.21	2.48	35.85	2.59	41.42	2.73	45.13	2.82	49.77	2.93
	70.0	21.61	2.27	26.25	2.38	30.89	2.49	35.53	2.60	41.10	2.74	44.81	2.83	49.45	2.94
	71.6	21.36	2.28	26.00	2.39	30.64	2.50	35.28	2.62	40.85	2.75	44.56	2.84	49.20	2.95
	75.2	20.79	2.30	25.43	2.41	30.07	2.53	34.71	2.64	40.28	2.78	43.99	2.87	48.63	2.98
FTXS09L + FTXS09L + CDXS15L	60.8	22.10	2.05	26.55	2.16	31.00	2.26	35.45	2.37	40.79	2.49	44.35	2.58	48.80	2.68
	64.4	21.56	2.07	26.01	2.18	30.46	2.28	34.91	2.39	40.25	2.51	43.81	2.60	48.25	2.70
	68.0	21.02	2.10	25.47	2.20	29.91	2.31	34.36	2.41	39.70	2.54	43.26	2.62	47.71	2.73
	70.0	20.71	2.11	25.16	2.21	29.61	2.32	34.06	2.42	39.40	2.55	42.96	2.63	47.41	2.74
	71.6	20.47	2.12	24.92	2.22	29.37	2.33	33.82	2.43	39.16	2.56	42.72	2.64	47.17	2.75
	75.2	19.93	2.14	24.38	2.25	28.83	2.35	33.28	2.46	38.61	2.58	42.17	2.67	46.62	2.77

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FDXS09L + FTXS15L	60.8	22.10	2.03	26.55	2.14	31.00	2.24	35.45	2.35	40.79	2.47	44.35	2.56	48.80	2.66
	64.4	21.56	2.06	26.01	2.16	30.46	2.27	34.91	2.37	40.25	2.49	43.81	2.58	48.25	2.68
	68.0	21.02	2.08	25.47	2.18	29.91	2.29	34.36	2.39	39.70	2.52	43.26	2.60	47.71	2.70
	70.0	20.71	2.09	25.16	2.20	29.61	2.30	34.06	2.40	39.40	2.53	42.96	2.61	47.41	2.72
	71.6	20.47	2.10	24.92	2.21	29.37	2.31	33.82	2.42	39.16	2.54	42.72	2.62	47.17	2.73
	75.2	19.93	2.13	24.38	2.23	28.83	2.33	33.28	2.44	38.61	2.56	42.17	2.65	46.62	2.75
FTXS09L + FDXS09L + CDXS15L	60.8	21.15	1.97	25.41	2.07	29.66	2.17	33.92	2.27	39.03	2.39	42.44	2.47	46.69	2.58
	64.4	20.63	1.99	24.89	2.09	29.14	2.19	33.40	2.29	38.51	2.42	41.92	2.50	46.17	2.60
	68.0	20.11	2.01	24.37	2.11	28.62	2.22	32.88	2.32	37.99	2.44	41.39	2.52	45.65	2.62
	70.0	19.82	2.03	24.08	2.13	28.33	2.23	32.59	2.33	37.70	2.45	41.11	2.53	45.36	2.63
	71.6	19.59	2.04	23.85	2.14	28.10	2.24	32.36	2.34	37.47	2.46	40.87	2.54	45.13	2.64
	75.2	19.07	2.06	23.33	2.16	27.58	2.26	31.84	2.36	36.95	2.48	40.35	2.56	44.61	2.66
FDXS09L + FDXS09L + FTXS15L	60.8	21.15	1.87	25.41	1.97	29.66	2.07	33.92	2.16	39.03	2.28	42.44	2.35	46.69	2.45
	64.4	20.63	1.89	24.89	1.99	29.14	2.09	33.40	2.18	38.51	2.30	41.92	2.37	46.17	2.47
	68.0	20.11	1.92	24.37	2.01	28.62	2.11	32.88	2.20	37.99	2.32	41.39	2.40	45.65	2.49
	70.0	19.82	1.93	24.08	2.02	28.33	2.12	32.59	2.21	37.70	2.33	41.11	2.41	45.36	2.50
	71.6	19.59	1.94	23.85	2.03	28.10	2.13	32.36	2.22	37.47	2.34	40.87	2.42	45.13	2.51
	75.2	19.07	1.96	23.33	2.05	27.58	2.15	31.84	2.25	36.95	2.36	40.35	2.44	44.61	2.53
FDXS09L + FDXS09L + CDXS15L	60.8	20.20	1.96	24.26	2.06	28.33	2.16	32.39	2.26	37.27	2.38	40.52	2.46	44.59	2.56
	64.4	19.70	1.98	23.77	2.08	27.83	2.18	31.90	2.29	36.77	2.41	40.03	2.49	44.09	2.59
	68.0	19.20	2.01	23.27	2.11	27.33	2.21	31.40	2.31	36.28	2.43	39.53	2.51	43.59	2.61
	70.0	18.93	2.02	22.99	2.12	27.06	2.22	31.12	2.32	36.00	2.44	39.25	2.52	43.32	2.62
	71.6	18.71	2.03	22.77	2.13	26.84	2.23	30.90	2.33	35.78	2.45	39.03	2.53	43.10	2.63
	75.2	18.21	2.05	22.27	2.15	26.34	2.25	30.40	2.35	35.28	2.47	38.53	2.55	42.60	2.65
FTXS09L + FTXS09L + FTXS18L	60.8	24.12	2.41	28.98	2.54	33.84	2.66	38.69	2.78	44.52	2.93	48.40	3.03	53.26	3.15
	64.4	23.53	2.44	28.39	2.56	33.24	2.69	38.10	2.81	43.92	2.96	47.81	3.06	52.66	3.18
	68.0	22.94	2.47	27.79	2.59	32.65	2.71	37.50	2.84	43.33	2.98	47.21	3.08	52.07	3.21
	70.0	22.61	2.48	27.46	2.60	32.32	2.73	37.17	2.85	43.00	3.00	46.88	3.10	51.74	3.22
	71.6	22.34	2.49	27.20	2.62	32.05	2.74	36.91	2.86	42.74	3.01	46.62	3.11	51.48	3.23
	75.2	21.75	2.52	26.60	2.64	31.46	2.77	36.32	2.89	42.14	3.04	46.03	3.14	50.88	3.26
FTXS09L + FTXS09L + CDXS18L	60.8	23.17	2.24	27.83	2.35	32.50	2.46	37.16	2.58	42.76	2.72	46.49	2.81	51.15	2.92
	64.4	22.60	2.26	27.26	2.37	31.93	2.49	36.59	2.60	42.19	2.74	45.92	2.83	50.58	2.95
	68.0	22.03	2.29	26.69	2.40	31.36	2.51	36.02	2.63	41.62	2.77	45.35	2.86	50.01	2.97
	70.0	21.71	2.30	26.38	2.41	31.04	2.53	35.70	2.64	41.30	2.78	45.03	2.87	49.69	2.99
	71.6	21.46	2.31	26.12	2.42	30.79	2.54	35.45	2.65	41.05	2.79	44.78	2.88	49.44	3.00
	75.2	20.89	2.34	25.55	2.45	30.22	2.56	34.88	2.68	40.48	2.82	44.21	2.91	48.87	3.02
FTXS09L + FDXS09L + FTXS18L	60.8	23.17	2.19	27.83	2.30	32.50	2.41	37.16	2.52	42.76	2.66	46.49	2.75	51.15	2.86
	64.4	22.60	2.21	27.26	2.32	31.93	2.44	36.59	2.55	42.19	2.68	45.92	2.77	50.58	2.88
	68.0	22.03	2.24	26.69	2.35	31.36	2.46	36.02	2.57	41.62	2.71	45.35	2.80	50.01	2.91
	70.0	21.71	2.25	26.38	2.36	31.04	2.47	35.70	2.59	41.30	2.72	45.03	2.81	49.69	2.92
	71.6	21.46	2.26	26.12	2.37	30.79	2.48	35.45	2.60	41.05	2.73	44.78	2.82	49.44	2.93
	75.2	20.89	2.28	25.55	2.40	30.22	2.51	34.88	2.62	40.48	2.76	44.21	2.85	48.87	2.96
FTXS09L + FDXS09L + CDXS18L	60.8	22.27	2.15	26.76	2.27	31.24	2.38	35.72	2.49	41.10	2.62	44.69	2.71	49.17	2.82
	64.4	21.72	2.18	26.21	2.29	30.69	2.40	35.17	2.51	40.55	2.64	44.14	2.73	48.62	2.84
	68.0	21.18	2.20	25.66	2.31	30.14	2.42	34.63	2.53	40.00	2.67	43.59	2.75	48.07	2.87
	70.0	20.87	2.22	25.35	2.33	29.84	2.44	34.32	2.55	39.70	2.68	43.29	2.77	47.77	2.88
	71.6	20.63	2.23	25.11	2.34	29.59	2.45	34.08	2.56	39.46	2.69	43.04	2.78	47.53	2.89
	75.2	20.08	2.25	24.56	2.36	29.05	2.47	33.53	2.58	38.91	2.71	42.49	2.80	46.98	2.91

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FDXS09L + FTXS18L	60.8	22.27	2.06	26.76	2.16	31.24	2.27	35.72	2.37	41.10	2.50	44.69	2.59	49.17	2.69
	64.4	21.72	2.08	26.21	2.19	30.69	2.29	35.17	2.40	40.55	2.52	44.14	2.61	48.62	2.71
	68.0	21.18	2.10	25.66	2.21	30.14	2.32	34.63	2.42	40.00	2.55	43.59	2.63	48.07	2.74
	70.0	20.87	2.12	25.35	2.22	29.84	2.33	34.32	2.43	39.70	2.56	43.29	2.64	47.77	2.75
	71.6	20.63	2.13	25.11	2.23	29.59	2.34	34.08	2.44	39.46	2.57	43.04	2.65	47.53	2.76
	75.2	20.08	2.15	24.56	2.26	29.05	2.36	33.53	2.47	38.91	2.59	42.49	2.68	46.98	2.78
FDXS09L + FDXS09L + CDXS18L	60.8	21.32	2.15	25.61	2.26	29.90	2.37	34.19	2.48	39.34	2.61	42.77	2.70	47.06	2.81
	64.4	20.79	2.17	25.09	2.28	29.38	2.39	33.67	2.50	38.82	2.63	42.25	2.72	46.54	2.83
	68.0	20.27	2.19	24.56	2.30	28.85	2.41	33.14	2.52	38.29	2.66	41.72	2.74	46.02	2.85
	70.0	19.98	2.21	24.27	2.32	28.56	2.43	32.85	2.54	38.00	2.67	41.43	2.76	45.72	2.87
	71.6	19.75	2.22	24.04	2.33	28.33	2.44	32.62	2.55	37.77	2.68	41.20	2.77	45.49	2.88
	75.2	19.22	2.24	23.51	2.35	27.80	2.46	32.09	2.57	37.24	2.70	40.67	2.79	44.97	2.90
FTXS09L + FTXS09L + FTXS24L	60.8	24.12	2.50	28.98	2.63	33.84	2.76	38.69	2.88	44.52	3.04	48.40	3.14	53.26	3.27
	64.4	23.53	2.53	28.39	2.66	33.24	2.78	38.10	2.91	43.92	3.07	47.81	3.17	52.66	3.30
	68.0	22.94	2.56	27.79	2.68	32.65	2.81	37.50	2.94	43.33	3.09	47.21	3.20	52.07	3.32
	70.0	22.61	2.57	27.46	2.70	32.32	2.83	37.17	2.96	43.00	3.11	46.88	3.21	51.74	3.34
	71.6	22.34	2.58	27.20	2.71	32.05	2.84	36.91	2.97	42.74	3.12	46.62	3.22	51.48	3.35
	75.2	21.75	2.61	26.60	2.74	31.46	2.87	36.32	3.00	42.14	3.15	46.03	3.25	50.88	3.38
FTXS09L + FTXS09L + CDXS24L	60.8	23.17	2.23	27.83	2.34	32.50	2.46	37.16	2.57	42.76	2.71	46.49	2.80	51.15	2.91
	64.4	22.60	2.25	27.26	2.37	31.93	2.48	36.59	2.59	42.19	2.73	45.92	2.82	50.58	2.94
	68.0	22.03	2.28	26.69	2.39	31.36	2.51	36.02	2.62	41.62	2.76	45.35	2.85	50.01	2.96
	70.0	21.71	2.29	26.38	2.40	31.04	2.52	35.70	2.63	41.30	2.77	45.03	2.86	49.69	2.98
	71.6	21.46	2.30	26.12	2.42	30.79	2.53	35.45	2.64	41.05	2.78	44.78	2.87	49.44	2.99
	75.2	20.89	2.33	25.55	2.44	30.22	2.56	34.88	2.67	40.48	2.81	44.21	2.90	48.87	3.01
FTXS09L + FDXS09L + FTXS24L	60.8	23.17	2.26	27.83	2.38	32.50	2.49	37.16	2.61	42.76	2.75	46.49	2.84	51.15	2.95
	64.4	22.60	2.28	27.26	2.40	31.93	2.52	36.59	2.63	42.19	2.77	45.92	2.86	50.58	2.98
	68.0	22.03	2.31	26.69	2.43	31.36	2.54	36.02	2.66	41.62	2.80	45.35	2.89	50.01	3.00
	70.0	21.71	2.32	26.38	2.44	31.04	2.56	35.70	2.67	41.30	2.81	45.03	2.90	49.69	3.02
	71.6	21.46	2.34	26.12	2.45	30.79	2.57	35.45	2.68	41.05	2.82	44.78	2.91	49.44	3.03
	75.2	20.89	2.36	25.55	2.48	30.22	2.59	34.88	2.71	40.48	2.85	44.21	2.94	48.87	3.05
FTXS09L + FDXS09L + CDXS24L	60.8	22.27	2.13	26.76	2.24	31.24	2.35	35.72	2.46	41.10	2.59	44.69	2.68	49.17	2.79
	64.4	21.72	2.15	26.21	2.26	30.69	2.37	35.17	2.48	40.55	2.61	44.14	2.70	48.62	2.81
	68.0	21.18	2.18	25.66	2.29	30.14	2.40	34.63	2.51	40.00	2.64	43.59	2.72	48.07	2.83
	70.0	20.87	2.19	25.35	2.30	29.84	2.41	34.32	2.52	39.70	2.65	43.29	2.74	47.77	2.85
	71.6	20.63	2.20	25.11	2.31	29.59	2.42	34.08	2.53	39.46	2.66	43.04	2.75	47.53	2.86
	75.2	20.08	2.23	24.56	2.34	29.05	2.44	33.53	2.55	38.91	2.68	42.49	2.77	46.98	2.88
FDXS09L + FDXS09L + FTXS24L	60.8	22.27	2.07	26.76	2.17	31.24	2.28	35.72	2.38	41.10	2.51	44.69	2.60	49.17	2.70
	64.4	21.72	2.09	26.21	2.20	30.69	2.30	35.17	2.41	40.55	2.53	44.14	2.62	48.62	2.72
	68.0	21.18	2.11	25.66	2.22	30.14	2.32	34.63	2.43	40.00	2.56	43.59	2.64	48.07	2.75
	70.0	20.87	2.13	25.35	2.23	29.84	2.34	34.32	2.44	39.70	2.57	43.29	2.65	47.77	2.76
	71.6	20.63	2.14	25.11	2.24	29.59	2.35	34.08	2.45	39.46	2.58	43.04	2.66	47.53	2.77
	75.2	20.08	2.16	24.56	2.26	29.05	2.37	33.53	2.48	38.91	2.60	42.49	2.69	46.98	2.79
FDXS09L + FDXS09L + CDXS24L	60.8	21.32	2.07	25.61	2.18	29.90	2.29	34.19	2.39	39.34	2.52	42.77	2.61	47.06	2.71
	64.4	20.79	2.10	25.09	2.20	29.38	2.31	33.67	2.42	38.82	2.54	42.25	2.63	46.54	2.74
	68.0	20.27	2.12	24.56	2.23	28.85	2.33	33.14	2.44	38.29	2.57	41.72	2.65	46.02	2.76
	70.0	19.98	2.13	24.27	2.24	28.56	2.35	32.85	2.45	38.00	2.58	41.43	2.66	45.72	2.77
	71.6	19.75	2.14	24.04	2.25	28.33	2.36	32.62	2.46	37.77	2.59	41.20	2.68	45.49	2.78
	75.2	19.22	2.17	23.51	2.27	27.80	2.38	32.09	2.49	37.24	2.61	40.67	2.70	44.97	2.80

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS12L + FTXS12L	60.8	23.06	2.09	27.70	2.20	32.34	2.30	36.98	2.41	42.55	2.54	46.26	2.63	50.90	2.73
	64.4	22.49	2.11	27.13	2.22	31.77	2.33	36.41	2.44	41.98	2.56	45.70	2.65	50.34	2.76
	68.0	21.92	2.14	26.56	2.24	31.21	2.35	35.85	2.46	41.42	2.59	45.13	2.67	49.77	2.78
	70.0	21.61	2.15	26.25	2.26	30.89	2.36	35.53	2.47	41.10	2.60	44.81	2.69	49.45	2.79
	71.6	21.36	2.16	26.00	2.27	30.64	2.37	35.28	2.48	40.85	2.61	44.56	2.70	49.20	2.80
	75.2	20.79	2.18	25.43	2.29	30.07	2.40	34.71	2.51	40.28	2.63	43.99	2.72	48.63	2.83
FTXS09L + FTXS12L + FDXS12L	60.8	22.10	1.99	26.55	2.10	31.00	2.20	35.45	2.30	40.79	2.42	44.35	2.50	48.80	2.61
	64.4	21.56	2.02	26.01	2.12	30.46	2.22	34.91	2.32	40.25	2.45	43.81	2.53	48.25	2.63
	68.0	21.02	2.04	25.47	2.14	29.91	2.24	34.36	2.35	39.70	2.47	43.26	2.55	47.71	2.65
	70.0	20.71	2.05	25.16	2.15	29.61	2.26	34.06	2.36	39.40	2.48	42.96	2.56	47.41	2.66
	71.6	20.47	2.06	24.92	2.16	29.37	2.27	33.82	2.37	39.16	2.49	42.72	2.57	47.17	2.67
	75.2	19.93	2.08	24.38	2.19	28.83	2.29	33.28	2.39	38.61	2.51	42.17	2.59	46.62	2.70
FTXS09L + FDXS12L + FDXS12L	60.8	21.15	1.99	25.41	2.10	29.66	2.20	33.92	2.30	39.03	2.42	42.44	2.50	46.69	2.61
	64.4	20.63	2.02	24.89	2.12	29.14	2.22	33.40	2.32	38.51	2.45	41.92	2.53	46.17	2.63
	68.0	20.11	2.04	24.37	2.14	28.62	2.24	32.88	2.35	37.99	2.47	41.39	2.55	45.65	2.65
	70.0	19.82	2.05	24.08	2.15	28.33	2.26	32.59	2.36	37.70	2.48	41.11	2.56	45.36	2.66
	71.6	19.59	2.06	23.85	2.16	28.10	2.27	32.36	2.37	37.47	2.49	40.87	2.57	45.13	2.67
	75.2	19.07	2.08	23.33	2.19	27.58	2.29	31.84	2.39	36.95	2.51	40.35	2.59	44.61	2.70
FDXS09L + FTXS12L + FTXS12L	60.8	22.10	1.99	26.55	2.09	31.00	2.19	35.45	2.29	40.79	2.41	44.35	2.49	48.80	2.60
	64.4	21.56	2.01	26.01	2.11	30.46	2.21	34.91	2.31	40.25	2.44	43.81	2.52	48.25	2.62
	68.0	21.02	2.03	25.47	2.13	29.91	2.23	34.36	2.34	39.70	2.46	43.26	2.54	47.71	2.64
	70.0	20.71	2.04	25.16	2.14	29.61	2.25	34.06	2.35	39.40	2.47	42.96	2.55	47.41	2.65
	71.6	20.47	2.05	24.92	2.15	29.37	2.26	33.82	2.36	39.16	2.48	42.72	2.56	47.17	2.66
	75.2	19.93	2.07	24.38	2.18	28.83	2.28	33.28	2.38	38.61	2.50	42.17	2.58	46.62	2.69
FDXS09L + FTXS12L + FDXS12L	60.8	21.15	1.97	25.41	2.07	29.66	2.17	33.92	2.27	39.03	2.39	42.44	2.47	46.69	2.58
	64.4	20.63	1.99	24.89	2.09	29.14	2.19	33.40	2.29	38.51	2.42	41.92	2.50	46.17	2.60
	68.0	20.11	2.01	24.37	2.11	28.62	2.22	32.88	2.32	37.99	2.44	41.39	2.52	45.65	2.62
	70.0	19.82	2.03	24.08	2.13	28.33	2.23	32.59	2.33	37.70	2.45	41.11	2.53	45.36	2.63
	71.6	19.59	2.04	23.85	2.14	28.10	2.24	32.36	2.34	37.47	2.46	40.87	2.54	45.13	2.64
	75.2	19.07	2.06	23.33	2.16	27.58	2.26	31.84	2.36	36.95	2.48	40.35	2.56	44.61	2.66
FDXS09L + FDXS12L + FDXS12L	60.8	20.20	1.99	24.26	2.09	28.33	2.19	32.39	2.29	37.27	2.41	40.52	2.49	44.59	2.60
	64.4	19.70	2.01	23.77	2.11	27.83	2.21	31.90	2.31	36.77	2.44	40.03	2.52	44.09	2.62
	68.0	19.20	2.03	23.27	2.13	27.33	2.23	31.40	2.34	36.28	2.46	39.53	2.54	43.59	2.64
	70.0	18.93	2.04	22.99	2.14	27.06	2.25	31.12	2.35	36.00	2.47	39.25	2.55	43.32	2.65
	71.6	18.71	2.05	22.77	2.15	26.84	2.26	30.90	2.36	35.78	2.48	39.03	2.56	43.10	2.66
	75.2	18.21	2.07	22.27	2.18	26.34	2.28	30.40	2.38	35.28	2.50	38.53	2.58	42.60	2.69
FTXS09L + FTXS12L + FTXS15L	60.8	24.12	2.42	28.98	2.54	33.84	2.67	38.69	2.79	44.52	2.94	48.40	3.04	53.26	3.16
	64.4	23.53	2.45	28.39	2.57	33.24	2.70	38.10	2.82	43.92	2.97	47.81	3.07	52.66	3.19
	68.0	22.94	2.47	27.79	2.60	32.65	2.72	37.50	2.85	43.33	2.99	47.21	3.09	52.07	3.22
	70.0	22.61	2.49	27.46	2.61	32.32	2.74	37.17	2.86	43.00	3.01	46.88	3.11	51.74	3.23
	71.6	22.34	2.50	27.20	2.63	32.05	2.75	36.91	2.87	42.74	3.02	46.62	3.12	51.48	3.25
	75.2	21.75	2.53	26.60	2.65	31.46	2.78	36.32	2.90	42.14	3.05	46.03	3.15	50.88	3.27
FTXS09L + FTXS12L + CDXS15L	60.8	23.17	2.24	27.83	2.36	32.50	2.47	37.16	2.59	42.76	2.73	46.49	2.82	51.15	2.93
	64.4	22.60	2.27	27.26	2.38	31.93	2.50	36.59	2.61	42.19	2.75	45.92	2.84	50.58	2.96
	68.0	22.03	2.29	26.69	2.41	31.36	2.52	36.02	2.64	41.62	2.78	45.35	2.87	50.01	2.98
	70.0	21.71	2.31	26.38	2.42	31.04	2.54	35.70	2.65	41.30	2.79	45.03	2.88	49.69	3.00
	71.6	21.46	2.32	26.12	2.43	30.79	2.55	35.45	2.66	41.05	2.80	44.78	2.89	49.44	3.01
	75.2	20.89	2.34	25.55	2.46	30.22	2.57	34.88	2.69	40.48	2.83	44.21	2.92	48.87	3.03

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FDXS12L + FTXS15L	60.8	23.17	2.19	27.83	2.30	32.50	2.41	37.16	2.52	42.76	2.66	46.49	2.75	51.15	2.86
	64.4	22.60	2.21	27.26	2.32	31.93	2.44	36.59	2.55	42.19	2.68	45.92	2.77	50.58	2.88
	68.0	22.03	2.24	26.69	2.35	31.36	2.46	36.02	2.57	41.62	2.71	45.35	2.80	50.01	2.91
	70.0	21.71	2.25	26.38	2.36	31.04	2.47	35.70	2.59	41.30	2.72	45.03	2.81	49.69	2.92
	71.6	21.46	2.26	26.12	2.37	30.79	2.48	35.45	2.60	41.05	2.73	44.78	2.82	49.44	2.93
	75.2	20.89	2.28	25.55	2.40	30.22	2.51	34.88	2.62	40.48	2.76	44.21	2.85	48.87	2.96
FTXS09L + FDXS12L + CDXS15L	60.8	22.27	2.16	26.76	2.27	31.24	2.38	35.72	2.50	41.10	2.63	44.69	2.72	49.17	2.83
	64.4	21.72	2.19	26.21	2.30	30.69	2.41	35.17	2.52	40.55	2.65	44.14	2.74	48.62	2.85
	68.0	21.18	2.21	25.66	2.32	30.14	2.43	34.63	2.54	40.00	2.68	43.59	2.77	48.07	2.88
	70.0	20.87	2.22	25.35	2.34	29.84	2.45	34.32	2.56	39.70	2.69	43.29	2.78	47.77	2.89
	71.6	20.63	2.24	25.11	2.35	29.59	2.46	34.08	2.57	39.46	2.70	43.04	2.79	47.53	2.90
	75.2	20.08	2.26	24.56	2.37	29.05	2.48	33.53	2.59	38.91	2.73	42.49	2.81	46.98	2.92
FDXS09L + FTXS12L + FTXS15L	60.8	23.17	2.19	27.83	2.31	32.50	2.42	37.16	2.53	42.76	2.67	46.49	2.76	51.15	2.87
	64.4	22.60	2.22	27.26	2.33	31.93	2.44	36.59	2.56	42.19	2.69	45.92	2.78	50.58	2.89
	68.0	22.03	2.24	26.69	2.36	31.36	2.47	36.02	2.58	41.62	2.72	45.35	2.81	50.01	2.92
	70.0	21.71	2.26	26.38	2.37	31.04	2.48	35.70	2.60	41.30	2.73	45.03	2.82	49.69	2.93
	71.6	21.46	2.27	26.12	2.38	30.79	2.49	35.45	2.61	41.05	2.74	44.78	2.83	49.44	2.94
	75.2	20.89	2.29	25.55	2.41	30.22	2.52	34.88	2.63	40.48	2.77	44.21	2.86	48.87	2.97
FDXS09L + FTXS12L + CDXS15L	60.8	22.27	2.15	26.76	2.26	31.24	2.37	35.72	2.48	41.10	2.61	44.69	2.70	49.17	2.81
	64.4	21.72	2.17	26.21	2.28	30.69	2.39	35.17	2.50	40.55	2.63	44.14	2.72	48.62	2.83
	68.0	21.18	2.19	25.66	2.30	30.14	2.41	34.63	2.52	40.00	2.66	43.59	2.74	48.07	2.85
	70.0	20.87	2.21	25.35	2.32	29.84	2.43	34.32	2.54	39.70	2.67	43.29	2.76	47.77	2.87
	71.6	20.63	2.22	25.11	2.33	29.59	2.44	34.08	2.55	39.46	2.68	43.04	2.77	47.53	2.88
	75.2	20.08	2.24	24.56	2.35	29.05	2.46	33.53	2.57	38.91	2.70	42.49	2.79	46.98	2.90
FDXS09L + FDXS12L + FTXS15L	60.8	22.27	2.06	26.76	2.16	31.24	2.27	35.72	2.37	41.10	2.50	44.69	2.59	49.17	2.69
	64.4	21.72	2.08	26.21	2.19	30.69	2.29	35.17	2.40	40.55	2.52	44.14	2.61	48.62	2.71
	68.0	21.18	2.10	25.66	2.21	30.14	2.32	34.63	2.42	40.00	2.55	43.59	2.63	48.07	2.74
	70.0	20.87	2.12	25.35	2.22	29.84	2.33	34.32	2.43	39.70	2.56	43.29	2.64	47.77	2.75
	71.6	20.63	2.13	25.11	2.23	29.59	2.34	34.08	2.44	39.46	2.57	43.04	2.65	47.53	2.76
	75.2	20.08	2.15	24.56	2.26	29.05	2.36	33.53	2.47	38.91	2.59	42.49	2.68	46.98	2.78
FDXS09L + FDXS12L + CDXS15L	60.8	21.32	2.15	25.61	2.27	29.90	2.38	34.19	2.49	39.34	2.62	42.77	2.71	47.06	2.82
	64.4	20.79	2.18	25.09	2.29	29.38	2.40	33.67	2.51	38.82	2.64	42.25	2.73	46.54	2.84
	68.0	20.27	2.20	24.56	2.31	28.85	2.42	33.14	2.53	38.29	2.67	41.72	2.75	46.02	2.87
	70.0	19.98	2.22	24.27	2.33	28.56	2.44	32.85	2.55	38.00	2.68	41.43	2.77	45.72	2.88
	71.6	19.75	2.23	24.04	2.34	28.33	2.45	32.62	2.56	37.77	2.69	41.20	2.78	45.49	2.89
	75.2	19.22	2.25	23.51	2.36	27.80	2.47	32.09	2.58	37.24	2.71	40.67	2.80	44.97	2.91
FTXS09L + FTXS12L + FTXS18L	60.8	24.12	2.48	28.98	2.60	33.84	2.73	38.69	2.86	44.52	3.01	48.40	3.11	53.26	3.24
	64.4	23.53	2.50	28.39	2.63	33.24	2.76	38.10	2.88	43.92	3.04	47.81	3.14	52.66	3.27
	68.0	22.94	2.53	27.79	2.66	32.65	2.79	37.50	2.91	43.33	3.06	47.21	3.17	52.07	3.29
	70.0	22.61	2.55	27.46	2.67	32.32	2.80	37.17	2.93	43.00	3.08	46.88	3.18	51.74	3.31
	71.6	22.34	2.56	27.20	2.69	32.05	2.81	36.91	2.94	42.74	3.09	46.62	3.19	51.48	3.32
	75.2	21.75	2.59	26.60	2.71	31.46	2.84	36.32	2.97	42.14	3.12	46.03	3.22	50.88	3.35
FTXS09L + FTXS12L + CDXS18L	60.8	23.17	2.24	27.83	2.35	32.50	2.46	37.16	2.58	42.76	2.72	46.49	2.81	51.15	2.92
	64.4	22.60	2.26	27.26	2.37	31.93	2.49	36.59	2.60	42.19	2.74	45.92	2.83	50.58	2.95
	68.0	22.03	2.29	26.69	2.40	31.36	2.51	36.02	2.63	41.62	2.77	45.35	2.86	50.01	2.97
	70.0	21.71	2.30	26.38	2.41	31.04	2.53	35.70	2.64	41.30	2.78	45.03	2.87	49.69	2.99
	71.6	21.46	2.31	26.12	2.42	30.79	2.54	35.45	2.65	41.05	2.79	44.78	2.88	49.44	3.00
	75.2	20.89	2.34	25.55	2.45	30.22	2.56	34.88	2.68	40.48	2.82	44.21	2.91	48.87	3.02

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FDXS12L + FTXS18L	60.8	23.17	2.19	27.83	2.30	32.50	2.41	37.16	2.52	42.76	2.66	46.49	2.75	51.15	2.86
	64.4	22.60	2.21	27.26	2.32	31.93	2.44	36.59	2.55	42.19	2.68	45.92	2.77	50.58	2.88
	68.0	22.03	2.24	26.69	2.35	31.36	2.46	36.02	2.57	41.62	2.71	45.35	2.80	50.01	2.91
	70.0	21.71	2.25	26.38	2.36	31.04	2.47	35.70	2.59	41.30	2.72	45.03	2.81	49.69	2.92
	71.6	21.46	2.26	26.12	2.37	30.79	2.48	35.45	2.60	41.05	2.73	44.78	2.82	49.44	2.93
	75.2	20.89	2.28	25.55	2.40	30.22	2.51	34.88	2.62	40.48	2.76	44.21	2.85	48.87	2.96
FTXS09L + FDXS12L + CDXS18L	60.8	22.27	2.15	26.76	2.27	31.24	2.38	35.72	2.49	41.10	2.62	44.69	2.71	49.17	2.82
	64.4	21.72	2.18	26.21	2.29	30.69	2.40	35.17	2.51	40.55	2.64	44.14	2.73	48.62	2.84
	68.0	21.18	2.20	25.66	2.31	30.14	2.42	34.63	2.53	40.00	2.67	43.59	2.75	48.07	2.87
	70.0	20.87	2.22	25.35	2.33	29.84	2.44	34.32	2.55	39.70	2.68	43.29	2.77	47.77	2.88
	71.6	20.63	2.23	25.11	2.34	29.59	2.45	34.08	2.56	39.46	2.69	43.04	2.78	47.53	2.89
	75.2	20.08	2.25	24.56	2.36	29.05	2.47	33.53	2.58	38.91	2.71	42.49	2.80	46.98	2.91
FDXS09L + FTXS12L + FTXS18L	60.8	23.17	2.20	27.83	2.32	32.50	2.43	37.16	2.54	42.76	2.68	46.49	2.77	51.15	2.88
	64.4	22.60	2.23	27.26	2.34	31.93	2.45	36.59	2.57	42.19	2.70	45.92	2.79	50.58	2.90
	68.0	22.03	2.25	26.69	2.37	31.36	2.48	36.02	2.59	41.62	2.73	45.35	2.82	50.01	2.93
	70.0	21.71	2.27	26.38	2.38	31.04	2.49	35.70	2.60	41.30	2.74	45.03	2.83	49.69	2.94
	71.6	21.46	2.28	26.12	2.39	30.79	2.50	35.45	2.62	41.05	2.75	44.78	2.84	49.44	2.95
	75.2	20.89	2.30	25.55	2.41	30.22	2.53	34.88	2.64	40.48	2.78	44.21	2.87	48.87	2.98
FDXS09L + FTXS12L + CDXS18L	60.8	22.27	2.14	26.76	2.25	31.24	2.36	35.72	2.47	41.10	2.60	44.69	2.69	49.17	2.80
	64.4	21.72	2.16	26.21	2.27	30.69	2.38	35.17	2.49	40.55	2.62	44.14	2.71	48.62	2.82
	68.0	21.18	2.19	25.66	2.30	30.14	2.41	34.63	2.52	40.00	2.65	43.59	2.73	48.07	2.84
	70.0	20.87	2.20	25.35	2.31	29.84	2.42	34.32	2.53	39.70	2.66	43.29	2.75	47.77	2.86
	71.6	20.63	2.21	25.11	2.32	29.59	2.43	34.08	2.54	39.46	2.67	43.04	2.76	47.53	2.87
	75.2	20.08	2.23	24.56	2.34	29.05	2.45	33.53	2.56	38.91	2.69	42.49	2.78	46.98	2.89
FDXS09L + FDXS12L + FTXS18L	60.8	22.27	2.06	26.76	2.16	31.24	2.27	35.72	2.37	41.10	2.50	44.69	2.59	49.17	2.69
	64.4	21.72	2.08	26.21	2.19	30.69	2.29	35.17	2.40	40.55	2.52	44.14	2.61	48.62	2.71
	68.0	21.18	2.10	25.66	2.21	30.14	2.32	34.63	2.42	40.00	2.55	43.59	2.63	48.07	2.74
	70.0	20.87	2.12	25.35	2.22	29.84	2.33	34.32	2.43	39.70	2.56	43.29	2.64	47.77	2.75
	71.6	20.63	2.13	25.11	2.23	29.59	2.34	34.08	2.44	39.46	2.57	43.04	2.65	47.53	2.76
	75.2	20.08	2.15	24.56	2.26	29.05	2.36	33.53	2.47	38.91	2.59	42.49	2.68	46.98	2.78
FDXS09L + FDXS12L + CDXS18L	60.8	21.32	2.15	25.61	2.26	29.90	2.37	34.19	2.48	39.34	2.61	42.77	2.70	47.06	2.81
	64.4	20.79	2.17	25.09	2.28	29.38	2.39	33.67	2.50	38.82	2.63	42.25	2.72	46.54	2.83
	68.0	20.27	2.19	24.56	2.30	28.85	2.41	33.14	2.52	38.29	2.66	41.72	2.74	46.02	2.85
	70.0	19.98	2.21	24.27	2.32	28.56	2.43	32.85	2.54	38.00	2.67	41.43	2.76	45.72	2.87
	71.6	19.75	2.22	24.04	2.33	28.33	2.44	32.62	2.55	37.77	2.68	41.20	2.77	45.49	2.88
	75.2	19.22	2.24	23.51	2.35	27.80	2.46	32.09	2.57	37.24	2.70	40.67	2.79	44.97	2.90
FTXS09L + FTXS12L + FTXS24L	60.8	24.12	2.53	28.98	2.66	33.84	2.79	38.69	2.92	44.52	3.08	48.40	3.18	53.26	3.31
	64.4	23.53	2.56	28.39	2.69	33.24	2.82	38.10	2.95	43.92	3.11	47.81	3.21	52.66	3.34
	68.0	22.94	2.59	27.79	2.72	32.65	2.85	37.50	2.98	43.33	3.13	47.21	3.24	52.07	3.37
	70.0	22.61	2.61	27.46	2.73	32.32	2.86	37.17	2.99	43.00	3.15	46.88	3.25	51.74	3.38
	71.6	22.34	2.62	27.20	2.75	32.05	2.88	36.91	3.01	42.74	3.16	46.62	3.27	51.48	3.40
	75.2	21.75	2.65	26.60	2.78	31.46	2.91	36.32	3.04	42.14	3.19	46.03	3.29	50.88	3.42
FTXS09L + FTXS12L + CDXS24L	60.8	23.17	2.23	27.83	2.34	32.50	2.46	37.16	2.57	42.76	2.71	46.49	2.80	51.15	2.91
	64.4	22.60	2.25	27.26	2.37	31.93	2.48	36.59	2.59	42.19	2.73	45.92	2.82	50.58	2.94
	68.0	22.03	2.28	26.69	2.39	31.36	2.51	36.02	2.62	41.62	2.76	45.35	2.85	50.01	2.96
	70.0	21.71	2.29	26.38	2.40	31.04	2.52	35.70	2.63	41.30	2.77	45.03	2.86	49.69	2.98
	71.6	21.46	2.30	26.12	2.42	30.79	2.53	35.45	2.64	41.05	2.78	44.78	2.87	49.44	2.99
	75.2	20.89	2.33	25.55	2.44	30.22	2.56	34.88	2.67	40.48	2.81	44.21	2.90	48.87	3.01

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FDXS12L + FTXS24L	60.8	23.17	2.26	27.83	2.38	32.50	2.49	37.16	2.61	42.76	2.75	46.49	2.84	51.15	2.95
	64.4	22.60	2.28	27.26	2.40	31.93	2.52	36.59	2.63	42.19	2.77	45.92	2.86	50.58	2.98
	68.0	22.03	2.31	26.69	2.43	31.36	2.54	36.02	2.66	41.62	2.80	45.35	2.89	50.01	3.00
	70.0	21.71	2.32	26.38	2.44	31.04	2.56	35.70	2.67	41.30	2.81	45.03	2.90	49.69	3.02
	71.6	21.46	2.34	26.12	2.45	30.79	2.57	35.45	2.68	41.05	2.82	44.78	2.91	49.44	3.03
	75.2	20.89	2.36	25.55	2.48	30.22	2.59	34.88	2.71	40.48	2.85	44.21	2.94	48.87	3.05
FTXS09L + FDXS12L + CDXS24L	60.8	22.27	2.13	26.76	2.24	31.24	2.35	35.72	2.46	41.10	2.59	44.69	2.68	49.17	2.79
	64.4	21.72	2.15	26.21	2.26	30.69	2.37	35.17	2.48	40.55	2.61	44.14	2.70	48.62	2.81
	68.0	21.18	2.18	25.66	2.29	30.14	2.40	34.63	2.51	40.00	2.64	43.59	2.72	48.07	2.83
	70.0	20.87	2.19	25.35	2.30	29.84	2.41	34.32	2.52	39.70	2.65	43.29	2.74	47.77	2.85
	71.6	20.63	2.20	25.11	2.31	29.59	2.42	34.08	2.53	39.46	2.66	43.04	2.75	47.53	2.86
	75.2	20.08	2.23	24.56	2.34	29.05	2.44	33.53	2.55	38.91	2.68	42.49	2.77	46.98	2.88
FDXS09L + FTXS12L + FTXS24L	60.8	23.17	2.28	27.83	2.40	32.50	2.52	37.16	2.63	42.76	2.77	46.49	2.87	51.15	2.99
	64.4	22.60	2.31	27.26	2.43	31.93	2.54	36.59	2.66	42.19	2.80	45.92	2.89	50.58	3.01
	68.0	22.03	2.33	26.69	2.45	31.36	2.57	36.02	2.69	41.62	2.83	45.35	2.92	50.01	3.04
	70.0	21.71	2.35	26.38	2.47	31.04	2.58	35.70	2.70	41.30	2.84	45.03	2.93	49.69	3.05
	71.6	21.46	2.36	26.12	2.48	30.79	2.59	35.45	2.71	41.05	2.85	44.78	2.94	49.44	3.06
	75.2	20.89	2.39	25.55	2.50	30.22	2.62	34.88	2.74	40.48	2.88	44.21	2.97	48.87	3.09
FDXS09L + FTXS12L + CDXS24L	60.8	22.27	2.12	26.76	2.23	31.24	2.34	35.72	2.45	41.10	2.58	44.69	2.67	49.17	2.77
	64.4	21.72	2.15	26.21	2.26	30.69	2.36	35.17	2.47	40.55	2.60	44.14	2.69	48.62	2.80
	68.0	21.18	2.17	25.66	2.28	30.14	2.39	34.63	2.50	40.00	2.63	43.59	2.71	48.07	2.82
	70.0	20.87	2.18	25.35	2.29	29.84	2.40	34.32	2.51	39.70	2.64	43.29	2.73	47.77	2.84
	71.6	20.63	2.19	25.11	2.30	29.59	2.41	34.08	2.52	39.46	2.65	43.04	2.74	47.53	2.85
	75.2	20.08	2.22	24.56	2.33	29.05	2.44	33.53	2.54	38.91	2.67	42.49	2.76	46.98	2.87
FDXS09L + FDXS12L + FTXS24L	60.8	22.27	2.07	26.76	2.17	31.24	2.28	35.72	2.38	41.10	2.51	44.69	2.60	49.17	2.70
	64.4	21.72	2.09	26.21	2.20	30.69	2.30	35.17	2.41	40.55	2.53	44.14	2.62	48.62	2.72
	68.0	21.18	2.11	25.66	2.22	30.14	2.32	34.63	2.43	40.00	2.56	43.59	2.64	48.07	2.75
	70.0	20.87	2.13	25.35	2.23	29.84	2.34	34.32	2.44	39.70	2.57	43.29	2.65	47.77	2.76
	71.6	20.63	2.14	25.11	2.24	29.59	2.35	34.08	2.45	39.46	2.58	43.04	2.66	47.53	2.77
	75.2	20.08	2.16	24.56	2.26	29.05	2.37	33.53	2.48	38.91	2.60	42.49	2.69	46.98	2.79
FDXS09L + FDXS12L + CDXS24L	60.8	21.32	2.07	25.61	2.18	29.90	2.29	34.19	2.39	39.34	2.52	42.77	2.61	47.06	2.71
	64.4	20.79	2.10	25.09	2.20	29.38	2.31	33.67	2.42	38.82	2.54	42.25	2.63	46.54	2.74
	68.0	20.27	2.12	24.56	2.23	28.85	2.33	33.14	2.44	38.29	2.57	41.72	2.65	46.02	2.76
	70.0	19.98	2.13	24.27	2.24	28.56	2.35	32.85	2.45	38.00	2.58	41.43	2.66	45.72	2.77
	71.6	19.75	2.14	24.04	2.25	28.33	2.36	32.62	2.46	37.77	2.59	41.20	2.68	45.49	2.78
	75.2	19.22	2.17	23.51	2.27	27.80	2.38	32.09	2.49	37.24	2.61	40.67	2.70	44.97	2.80
FTXS09L + FTXS15L + FTXS15L	60.8	24.12	2.77	28.98	2.91	33.84	3.05	38.69	3.19	44.52	3.36	48.40	3.47	53.26	3.62
	64.4	23.53	2.80	28.39	2.94	33.24	3.08	38.10	3.22	43.92	3.39	47.81	3.51	52.66	3.65
	68.0	22.94	2.83	27.79	2.97	32.65	3.11	37.50	3.25	43.33	3.42	47.21	3.54	52.07	3.68
	70.0	22.61	2.85	27.46	2.99	32.32	3.13	37.17	3.27	43.00	3.44	46.88	3.55	51.74	3.69
	71.6	22.34	2.86	27.20	3.00	32.05	3.14	36.91	3.28	42.74	3.45	46.62	3.57	51.48	3.71
	75.2	21.75	2.89	26.60	3.03	31.46	3.17	36.32	3.31	42.14	3.48	46.03	3.60	50.88	3.74
FTXS09L + FTXS15L + CDXS15L	60.8	23.17	2.36	27.83	2.48	32.50	2.60	37.16	2.72	42.76	2.86	46.49	2.96	51.15	3.08
	64.4	22.60	2.38	27.26	2.50	31.93	2.62	36.59	2.74	42.19	2.89	45.92	2.99	50.58	3.11
	68.0	22.03	2.41	26.69	2.53	31.36	2.65	36.02	2.77	41.62	2.92	45.35	3.01	50.01	3.13
	70.0	21.71	2.42	26.38	2.54	31.04	2.66	35.70	2.79	41.30	2.93	45.03	3.03	49.69	3.15
	71.6	21.46	2.43	26.12	2.56	30.79	2.68	35.45	2.80	41.05	2.94	44.78	3.04	49.44	3.16
	75.2	20.89	2.46	25.55	2.58	30.22	2.70	34.88	2.82	40.48	2.97	44.21	3.06	48.87	3.19

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + CDXS15L + CDXS15L	60.8	22.27	2.21	26.76	2.32	31.24	2.44	35.72	2.55	41.10	2.69	44.69	2.78	49.17	2.89
	64.4	21.72	2.24	26.21	2.35	30.69	2.46	35.17	2.58	40.55	2.71	44.14	2.80	48.62	2.92
	68.0	21.18	2.26	25.66	2.37	30.14	2.49	34.63	2.60	40.00	2.74	43.59	2.83	48.07	2.94
	70.0	20.87	2.27	25.35	2.39	29.84	2.50	34.32	2.61	39.70	2.75	43.29	2.84	47.77	2.95
	71.6	20.63	2.29	25.11	2.40	29.59	2.51	34.08	2.63	39.46	2.76	43.04	2.85	47.53	2.96
	75.2	20.08	2.31	24.56	2.42	29.05	2.54	33.53	2.65	38.91	2.79	42.49	2.88	46.98	2.99
FDXS09L + FTXS15L + FTXS15L	60.8	23.17	2.43	27.83	2.55	32.50	2.68	37.16	2.80	42.76	2.95	46.49	3.05	51.15	3.17
	64.4	22.60	2.46	27.26	2.58	31.93	2.70	36.59	2.83	42.19	2.98	45.92	3.08	50.58	3.20
	68.0	22.03	2.48	26.69	2.61	31.36	2.73	36.02	2.86	41.62	3.00	45.35	3.10	50.01	3.23
	70.0	21.71	2.50	26.38	2.62	31.04	2.75	35.70	2.87	41.30	3.02	45.03	3.12	49.69	3.24
	71.6	21.46	2.51	26.12	2.63	30.79	2.76	35.45	2.88	41.05	3.03	44.78	3.13	49.44	3.26
	75.2	20.89	2.54	25.55	2.66	30.22	2.79	34.88	2.91	40.48	3.06	44.21	3.16	48.87	3.28
FDXS09L + FTXS15L + CDXS15L	60.8	22.27	2.15	26.76	2.26	31.24	2.37	35.72	2.48	41.10	2.61	44.69	2.70	49.17	2.81
	64.4	21.72	2.17	26.21	2.28	30.69	2.39	35.17	2.50	40.55	2.63	44.14	2.72	48.62	2.83
	68.0	21.18	2.19	25.66	2.30	30.14	2.41	34.63	2.52	40.00	2.66	43.59	2.74	48.07	2.85
	70.0	20.87	2.21	25.35	2.32	29.84	2.43	34.32	2.54	39.70	2.67	43.29	2.76	47.77	2.87
	71.6	20.63	2.22	25.11	2.33	29.59	2.44	34.08	2.55	39.46	2.68	43.04	2.77	47.53	2.88
	75.2	20.08	2.24	24.56	2.35	29.05	2.46	33.53	2.57	38.91	2.70	42.49	2.79	46.98	2.90
FDXS09L + CDXS15L + CDXS15L	60.8	21.32	2.12	25.61	2.23	29.90	2.34	34.19	2.45	39.34	2.58	42.77	2.67	47.06	2.77
	64.4	20.79	2.15	25.09	2.26	29.38	2.36	33.67	2.47	38.82	2.60	42.25	2.69	46.54	2.80
	68.0	20.27	2.17	24.56	2.28	28.85	2.39	33.14	2.50	38.29	2.63	41.72	2.71	46.02	2.82
	70.0	19.98	2.18	24.27	2.29	28.56	2.40	32.85	2.51	38.00	2.64	41.43	2.73	45.72	2.84
	71.6	19.75	2.19	24.04	2.30	28.33	2.41	32.62	2.52	37.77	2.65	41.20	2.74	45.49	2.85
	75.2	19.22	2.22	23.51	2.33	27.80	2.44	32.09	2.54	37.24	2.67	40.67	2.76	44.97	2.87
FTXS09L + FTXS15L + FTXS18L	60.8	24.12	2.83	28.98	2.98	33.84	3.12	38.69	3.27	44.52	3.44	48.40	3.55	53.26	3.70
	64.4	23.53	2.86	28.39	3.01	33.24	3.15	38.10	3.30	43.92	3.47	47.81	3.59	52.66	3.73
	68.0	22.94	2.89	27.79	3.04	32.65	3.18	37.50	3.33	43.33	3.50	47.21	3.62	52.07	3.76
	70.0	22.61	2.91	27.46	3.06	32.32	3.20	37.17	3.35	43.00	3.52	46.88	3.64	51.74	3.78
	71.6	22.34	2.93	27.20	3.07	32.05	3.22	36.91	3.36	42.74	3.53	46.62	3.65	51.48	3.80
	75.2	21.75	2.96	26.60	3.10	31.46	3.25	36.32	3.39	42.14	3.57	46.03	3.68	50.88	3.83
FTXS09L + FTXS15L + CDXS18L	60.8	23.17	2.35	27.83	2.47	32.50	2.59	37.16	2.71	42.76	2.85	46.49	2.95	51.15	3.07
	64.4	22.60	2.37	27.26	2.49	31.93	2.61	36.59	2.73	42.19	2.88	45.92	2.98	50.58	3.10
	68.0	22.03	2.40	26.69	2.52	31.36	2.64	36.02	2.76	41.62	2.91	45.35	3.00	50.01	3.12
	70.0	21.71	2.41	26.38	2.54	31.04	2.66	35.70	2.78	41.30	2.92	45.03	3.02	49.69	3.14
	71.6	21.46	2.43	26.12	2.55	30.79	2.67	35.45	2.79	41.05	2.93	44.78	3.03	49.44	3.15
	75.2	20.89	2.45	25.55	2.57	30.22	2.69	34.88	2.81	40.48	2.96	44.21	3.05	48.87	3.17
FTXS09L + CDXS15L + FTXS18L	60.8	23.17	2.36	27.83	2.48	32.50	2.61	37.16	2.73	42.76	2.87	46.49	2.97	51.15	3.09
	64.4	22.60	2.39	27.26	2.51	31.93	2.63	36.59	2.75	42.19	2.90	45.92	3.00	50.58	3.12
	68.0	22.03	2.42	26.69	2.54	31.36	2.66	36.02	2.78	41.62	2.93	45.35	3.02	50.01	3.14
	70.0	21.71	2.43	26.38	2.55	31.04	2.67	35.70	2.79	41.30	2.94	45.03	3.04	49.69	3.16
	71.6	21.46	2.44	26.12	2.56	30.79	2.69	35.45	2.81	41.05	2.95	44.78	3.05	49.44	3.17
	75.2	20.89	2.47	25.55	2.59	30.22	2.71	34.88	2.83	40.48	2.98	44.21	3.08	48.87	3.20
FTXS09L + CDXS15L + CDXS18L	60.8	22.27	2.20	26.76	2.32	31.24	2.43	35.72	2.54	41.10	2.68	44.69	2.77	49.17	2.88
	64.4	21.72	2.23	26.21	2.34	30.69	2.45	35.17	2.57	40.55	2.70	44.14	2.79	48.62	2.90
	68.0	21.18	2.25	25.66	2.37	30.14	2.48	34.63	2.59	40.00	2.73	43.59	2.82	48.07	2.93
	70.0	20.87	2.27	25.35	2.38	29.84	2.49	34.32	2.60	39.70	2.74	43.29	2.83	47.77	2.94
	71.6	20.63	2.28	25.11	2.39	29.59	2.50	34.08	2.62	39.46	2.75	43.04	2.84	47.53	2.95
	75.2	20.08	2.30	24.56	2.41	29.05	2.53	33.53	2.64	38.91	2.78	42.49	2.87	46.98	2.98

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FTXS15L + FTXS18L	60.8	23.17	2.44	27.83	2.57	32.50	2.69	37.16	2.82	42.76	2.97	46.49	3.07	51.15	3.20
	64.4	22.60	2.47	27.26	2.60	31.93	2.72	36.59	2.85	42.19	3.00	45.92	3.10	50.58	3.22
	68.0	22.03	2.50	26.69	2.62	31.36	2.75	36.02	2.87	41.62	3.02	45.35	3.12	50.01	3.25
	70.0	21.71	2.51	26.38	2.64	31.04	2.76	35.70	2.89	41.30	3.04	45.03	3.14	49.69	3.27
	71.6	21.46	2.53	26.12	2.65	30.79	2.78	35.45	2.90	41.05	3.05	44.78	3.15	49.44	3.28
	75.2	20.89	2.55	25.55	2.68	30.22	2.80	34.88	2.93	40.48	3.08	44.21	3.18	48.87	3.30
FDXS09L + FTXS15L + CDXS18L	60.8	22.27	2.14	26.76	2.25	31.24	2.36	35.72	2.47	41.10	2.60	44.69	2.69	49.17	2.80
	64.4	21.72	2.16	26.21	2.27	30.69	2.38	35.17	2.49	40.55	2.62	44.14	2.71	48.62	2.82
	68.0	21.18	2.19	25.66	2.30	30.14	2.41	34.63	2.52	40.00	2.65	43.59	2.73	48.07	2.84
	70.0	20.87	2.20	25.35	2.31	29.84	2.42	34.32	2.53	39.70	2.66	43.29	2.75	47.77	2.86
	71.6	20.63	2.21	25.11	2.32	29.59	2.43	34.08	2.54	39.46	2.67	43.04	2.76	47.53	2.87
	75.2	20.08	2.23	24.56	2.34	29.05	2.45	33.53	2.56	38.91	2.69	42.49	2.78	46.98	2.89
FDXS09L + CDXS15L + FTXS18L	60.8	22.27	2.15	26.76	2.27	31.24	2.38	35.72	2.49	41.10	2.62	44.69	2.71	49.17	2.82
	64.4	21.72	2.18	26.21	2.29	30.69	2.40	35.17	2.51	40.55	2.64	44.14	2.73	48.62	2.84
	68.0	21.18	2.20	25.66	2.31	30.14	2.42	34.63	2.53	40.00	2.67	43.59	2.75	48.07	2.87
	70.0	20.87	2.22	25.35	2.33	29.84	2.44	34.32	2.55	39.70	2.68	43.29	2.77	47.77	2.88
	71.6	20.63	2.23	25.11	2.34	29.59	2.45	34.08	2.56	39.46	2.69	43.04	2.78	47.53	2.89
	75.2	20.08	2.25	24.56	2.36	29.05	2.47	33.53	2.58	38.91	2.71	42.49	2.80	46.98	2.91
FDXS09L + CDXS15L + CDXS18L	60.8	21.32	2.11	25.61	2.22	29.90	2.33	34.19	2.44	39.34	2.57	42.77	2.66	47.06	2.76
	64.4	20.79	2.14	25.09	2.25	29.38	2.35	33.67	2.46	38.82	2.59	42.25	2.68	46.54	2.79
	68.0	20.27	2.16	24.56	2.27	28.85	2.38	33.14	2.49	38.29	2.62	41.72	2.70	46.02	2.81
	70.0	19.98	2.18	24.27	2.28	28.56	2.39	32.85	2.50	38.00	2.63	41.43	2.72	45.72	2.82
	71.6	19.75	2.19	24.04	2.29	28.33	2.40	32.62	2.51	37.77	2.64	41.20	2.73	45.49	2.84
	75.2	19.22	2.21	23.51	2.32	27.80	2.43	32.09	2.53	37.24	2.66	40.67	2.75	44.97	2.86
FTXS09L + FTXS15L + FTXS24L	60.8	24.12	2.85	28.98	3.00	33.84	3.15	38.69	3.29	44.52	3.47	48.40	3.59	53.26	3.73
	64.4	23.53	2.89	28.39	3.03	33.24	3.18	38.10	3.32	43.92	3.50	47.81	3.62	52.66	3.76
	68.0	22.94	2.92	27.79	3.06	32.65	3.21	37.50	3.36	43.33	3.53	47.21	3.65	52.07	3.80
	70.0	22.61	2.94	27.46	3.08	32.32	3.23	37.17	3.37	43.00	3.55	46.88	3.67	51.74	3.81
	71.6	22.34	2.95	27.20	3.10	32.05	3.24	36.91	3.39	42.74	3.56	46.62	3.68	51.48	3.83
	75.2	21.75	2.98	26.60	3.13	31.46	3.27	36.32	3.42	42.14	3.60	46.03	3.71	50.88	3.86
FTXS09L + FTXS15L + CDXS24L	60.8	23.17	2.36	27.83	2.48	32.50	2.60	37.16	2.72	42.76	2.86	46.49	2.96	51.15	3.08
	64.4	22.60	2.38	27.26	2.50	31.93	2.62	36.59	2.74	42.19	2.89	45.92	2.99	50.58	3.11
	68.0	22.03	2.41	26.69	2.53	31.36	2.65	36.02	2.77	41.62	2.92	45.35	3.01	50.01	3.13
	70.0	21.71	2.42	26.38	2.54	31.04	2.66	35.70	2.79	41.30	2.93	45.03	3.03	49.69	3.15
	71.6	21.46	2.43	26.12	2.56	30.79	2.68	35.45	2.80	41.05	2.94	44.78	3.04	49.44	3.16
	75.2	20.89	2.46	25.55	2.58	30.22	2.70	34.88	2.82	40.48	2.97	44.21	3.06	48.87	3.19
FTXS09L + CDXS15L + FTXS24L	60.8	23.17	2.45	27.83	2.58	32.50	2.70	37.16	2.83	42.76	2.98	46.49	3.08	51.15	3.21
	64.4	22.60	2.48	27.26	2.61	31.93	2.73	36.59	2.86	42.19	3.01	45.92	3.11	50.58	3.23
	68.0	22.03	2.51	26.69	2.63	31.36	2.76	36.02	2.88	41.62	3.03	45.35	3.14	50.01	3.26
	70.0	21.71	2.52	26.38	2.65	31.04	2.77	35.70	2.90	41.30	3.05	45.03	3.15	49.69	3.28
	71.6	21.46	2.53	26.12	2.66	30.79	2.79	35.45	2.91	41.05	3.06	44.78	3.16	49.44	3.29
	75.2	20.89	2.56	25.55	2.69	30.22	2.81	34.88	2.94	40.48	3.09	44.21	3.19	48.87	3.32
FTXS09L + CDXS15L + CDXS24L	60.8	22.27	2.19	26.76	2.30	31.24	2.41	35.72	2.52	41.10	2.66	44.69	2.75	49.17	2.86
	64.4	21.72	2.21	26.21	2.32	30.69	2.44	35.17	2.55	40.55	2.68	44.14	2.77	48.62	2.88
	68.0	21.18	2.24	25.66	2.35	30.14	2.46	34.63	2.57	40.00	2.71	43.59	2.80	48.07	2.91
	70.0	20.87	2.25	25.35	2.36	29.84	2.47	34.32	2.59	39.70	2.72	43.29	2.81	47.77	2.92
	71.6	20.63	2.26	25.11	2.37	29.59	2.48	34.08	2.60	39.46	2.73	43.04	2.82	47.53	2.93
	75.2	20.08	2.28	24.56	2.40	29.05	2.51	33.53	2.62	38.91	2.76	42.49	2.85	46.98	2.96

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FTXS15L + FTXS24L	60.8	23.17	2.56	27.83	2.70	32.50	2.83	37.16	2.96	42.76	3.12	46.49	3.22	51.15	3.35
	64.4	22.60	2.59	27.26	2.72	31.93	2.86	36.59	2.99	42.19	3.15	45.92	3.25	50.58	3.38
	68.0	22.03	2.62	26.69	2.75	31.36	2.89	36.02	3.02	41.62	3.17	45.35	3.28	50.01	3.41
	70.0	21.71	2.64	26.38	2.77	31.04	2.90	35.70	3.03	41.30	3.19	45.03	3.30	49.69	3.43
	71.6	21.46	2.65	26.12	2.78	30.79	2.91	35.45	3.05	41.05	3.20	44.78	3.31	49.44	3.44
	75.2	20.89	2.68	25.55	2.81	30.22	2.94	34.88	3.07	40.48	3.23	44.21	3.34	48.87	3.47
FDXS09L + FTXS15L + CDXS24L	60.8	22.27	2.14	26.76	2.25	31.24	2.36	35.72	2.47	41.10	2.60	44.69	2.69	49.17	2.80
	64.4	21.72	2.16	26.21	2.27	30.69	2.38	35.17	2.49	40.55	2.62	44.14	2.71	48.62	2.82
	68.0	21.18	2.19	25.66	2.30	30.14	2.41	34.63	2.52	40.00	2.65	43.59	2.73	48.07	2.84
	70.0	20.87	2.20	25.35	2.31	29.84	2.42	34.32	2.53	39.70	2.66	43.29	2.75	47.77	2.86
	71.6	20.63	2.21	25.11	2.32	29.59	2.43	34.08	2.54	39.46	2.67	43.04	2.76	47.53	2.87
	75.2	20.08	2.23	24.56	2.34	29.05	2.45	33.53	2.56	38.91	2.69	42.49	2.78	46.98	2.89
FDXS09L + CDXS15L + FTXS24L	60.8	22.27	2.22	26.76	2.33	31.24	2.45	35.72	2.56	41.10	2.70	44.69	2.79	49.17	2.90
	64.4	21.72	2.24	26.21	2.36	30.69	2.47	35.17	2.58	40.55	2.72	44.14	2.81	48.62	2.93
	68.0	21.18	2.27	25.66	2.38	30.14	2.50	34.63	2.61	40.00	2.75	43.59	2.84	48.07	2.95
	70.0	20.87	2.28	25.35	2.40	29.84	2.51	34.32	2.62	39.70	2.76	43.29	2.85	47.77	2.96
	71.6	20.63	2.29	25.11	2.41	29.59	2.52	34.08	2.63	39.46	2.77	43.04	2.86	47.53	2.98
	75.2	20.08	2.32	24.56	2.43	29.05	2.55	33.53	2.66	38.91	2.80	42.49	2.89	46.98	3.00
FDXS09L + CDXS15L + CDXS24L	60.8	21.32	2.10	25.61	2.21	29.90	2.31	34.19	2.42	39.34	2.55	42.77	2.64	47.06	2.74
	64.4	20.79	2.12	25.09	2.23	29.38	2.34	33.67	2.44	38.82	2.57	42.25	2.66	46.54	2.77
	68.0	20.27	2.15	24.56	2.25	28.85	2.36	33.14	2.47	38.29	2.60	41.72	2.68	46.02	2.79
	70.0	19.98	2.16	24.27	2.27	28.56	2.37	32.85	2.48	38.00	2.61	41.43	2.70	45.72	2.80
	71.6	19.75	2.17	24.04	2.28	28.33	2.38	32.62	2.49	37.77	2.62	41.20	2.71	45.49	2.81
	75.2	19.22	2.19	23.51	2.30	27.80	2.41	32.09	2.51	37.24	2.64	40.67	2.73	44.97	2.84
FTXS09L + FTXS18L + FTXS18L	60.8	24.12	2.85	28.98	3.00	33.84	3.15	38.69	3.29	44.52	3.47	48.40	3.59	53.26	3.73
	64.4	23.53	2.89	28.39	3.03	33.24	3.18	38.10	3.32	43.92	3.50	47.81	3.62	52.66	3.76
	68.0	22.94	2.92	27.79	3.06	32.65	3.21	37.50	3.36	43.33	3.53	47.21	3.65	52.07	3.80
	70.0	22.61	2.94	27.46	3.08	32.32	3.23	37.17	3.37	43.00	3.55	46.88	3.67	51.74	3.81
	71.6	22.34	2.95	27.20	3.10	32.05	3.24	36.91	3.39	42.74	3.56	46.62	3.68	51.48	3.83
	75.2	21.75	2.98	26.60	3.13	31.46	3.27	36.32	3.42	42.14	3.60	46.03	3.71	50.88	3.86
FTXS09L + FTXS18L + CDXS18L	60.8	23.17	2.36	27.83	2.48	32.50	2.60	37.16	2.72	42.76	2.86	46.49	2.96	51.15	3.08
	64.4	22.60	2.38	27.26	2.50	31.93	2.62	36.59	2.74	42.19	2.89	45.92	2.99	50.58	3.11
	68.0	22.03	2.41	26.69	2.53	31.36	2.65	36.02	2.77	41.62	2.92	45.35	3.01	50.01	3.13
	70.0	21.71	2.42	26.38	2.54	31.04	2.66	35.70	2.79	41.30	2.93	45.03	3.03	49.69	3.15
	71.6	21.46	2.43	26.12	2.56	30.79	2.68	35.45	2.80	41.05	2.94	44.78	3.04	49.44	3.16
	75.2	20.89	2.46	25.55	2.58	30.22	2.70	34.88	2.82	40.48	2.97	44.21	3.06	48.87	3.19
FTXS09L + CDXS18L + CDXS18L	60.8	22.27	2.19	26.76	2.31	31.24	2.42	35.72	2.53	41.10	2.67	44.69	2.76	49.17	2.87
	64.4	21.72	2.22	26.21	2.33	30.69	2.44	35.17	2.56	40.55	2.69	44.14	2.78	48.62	2.89
	68.0	21.18	2.24	25.66	2.36	30.14	2.47	34.63	2.58	40.00	2.72	43.59	2.81	48.07	2.92
	70.0	20.87	2.26	25.35	2.37	29.84	2.48	34.32	2.60	39.70	2.73	43.29	2.82	47.77	2.93
	71.6	20.63	2.27	25.11	2.38	29.59	2.49	34.08	2.61	39.46	2.74	43.04	2.83	47.53	2.94
	75.2	20.08	2.29	24.56	2.41	29.05	2.52	33.53	2.63	38.91	2.77	42.49	2.86	46.98	2.97
FDXS09L + FTXS18L + FTXS18L	60.8	23.17	2.50	27.83	2.63	32.50	2.76	37.16	2.88	42.76	3.04	46.49	3.14	51.15	3.27
	64.4	22.60	2.53	27.26	2.66	31.93	2.78	36.59	2.91	42.19	3.07	45.92	3.17	50.58	3.30
	68.0	22.03	2.56	26.69	2.68	31.36	2.81	36.02	2.94	41.62	3.09	45.35	3.20	50.01	3.32
	70.0	21.71	2.57	26.38	2.70	31.04	2.83	35.70	2.96	41.30	3.11	45.03	3.21	49.69	3.34
	71.6	21.46	2.58	26.12	2.71	30.79	2.84	35.45	2.97	41.05	3.12	44.78	3.22	49.44	3.35
	75.2	20.89	2.61	25.55	2.74	30.22	2.87	34.88	3.00	40.48	3.15	44.21	3.25	48.87	3.38

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FTXS18L + CDXS18L	60.8	22.27	2.15	26.76	2.26	31.24	2.37	35.72	2.48	41.10	2.61	44.69	2.70	49.17	2.81
	64.4	21.72	2.17	26.21	2.28	30.69	2.39	35.17	2.50	40.55	2.63	44.14	2.72	48.62	2.83
	68.0	21.18	2.19	25.66	2.30	30.14	2.41	34.63	2.52	40.00	2.66	43.59	2.74	48.07	2.85
	70.0	20.87	2.21	25.35	2.32	29.84	2.43	34.32	2.54	39.70	2.67	43.29	2.76	47.77	2.87
	71.6	20.63	2.22	25.11	2.33	29.59	2.44	34.08	2.55	39.46	2.68	43.04	2.77	47.53	2.88
	75.2	20.08	2.24	24.56	2.35	29.05	2.46	33.53	2.57	38.91	2.70	42.49	2.79	46.98	2.90
FDXS09L + CDXS18L + CDXS18L	60.8	21.32	2.11	25.61	2.21	29.90	2.32	34.19	2.43	39.34	2.56	42.77	2.65	47.06	2.75
	64.4	20.79	2.13	25.09	2.24	29.38	2.35	33.67	2.45	38.82	2.58	42.25	2.67	46.54	2.78
	68.0	20.27	2.15	24.56	2.26	28.85	2.37	33.14	2.48	38.29	2.61	41.72	2.69	46.02	2.80
	70.0	19.98	2.17	24.27	2.27	28.56	2.38	32.85	2.49	38.00	2.62	41.43	2.71	45.72	2.81
	71.6	19.75	2.18	24.04	2.29	28.33	2.39	32.62	2.50	37.77	2.63	41.20	2.72	45.49	2.82
	75.2	19.22	2.20	23.51	2.31	27.80	2.42	32.09	2.52	37.24	2.65	40.67	2.74	44.97	2.85
FTXS12L + FTXS12L + FTXS12L	60.8	24.12	2.30	28.98	2.42	33.84	2.54	38.69	2.65	44.52	2.79	48.40	2.89	53.26	3.01
	64.4	23.53	2.33	28.39	2.44	33.24	2.56	38.10	2.68	43.92	2.82	47.81	2.91	52.66	3.03
	68.0	22.94	2.35	27.79	2.47	32.65	2.59	37.50	2.70	43.33	2.85	47.21	2.94	52.07	3.06
	70.0	22.61	2.37	27.46	2.48	32.32	2.60	37.17	2.72	43.00	2.86	46.88	2.95	51.74	3.07
	71.6	22.34	2.38	27.20	2.49	32.05	2.61	36.91	2.73	42.74	2.87	46.62	2.97	51.48	3.08
	75.2	21.75	2.40	26.60	2.52	31.46	2.64	36.32	2.76	42.14	2.90	46.03	2.99	50.88	3.11
FTXS12L + FTXS12L + FDXS12L	60.8	23.17	2.18	27.83	2.29	32.50	2.40	37.16	2.51	42.76	2.65	46.49	2.74	51.15	2.85
	64.4	22.60	2.20	27.26	2.31	31.93	2.43	36.59	2.54	42.19	2.67	45.92	2.76	50.58	2.87
	68.0	22.03	2.23	26.69	2.34	31.36	2.45	36.02	2.56	41.62	2.70	45.35	2.79	50.01	2.90
	70.0	21.71	2.24	26.38	2.35	31.04	2.46	35.70	2.58	41.30	2.71	45.03	2.80	49.69	2.91
	71.6	21.46	2.25	26.12	2.36	30.79	2.48	35.45	2.59	41.05	2.72	44.78	2.81	49.44	2.92
	75.2	20.89	2.28	25.55	2.39	30.22	2.50	34.88	2.61	40.48	2.75	44.21	2.83	48.87	2.95
FTXS12L + FDXS12L + FDXS12L	60.8	22.27	2.17	26.76	2.28	31.24	2.39	35.72	2.50	41.10	2.64	44.69	2.73	49.17	2.84
	64.4	21.72	2.20	26.21	2.31	30.69	2.42	35.17	2.53	40.55	2.66	44.14	2.75	48.62	2.86
	68.0	21.18	2.22	25.66	2.33	30.14	2.44	34.63	2.55	40.00	2.69	43.59	2.78	48.07	2.89
	70.0	20.87	2.23	25.35	2.34	29.84	2.46	34.32	2.57	39.70	2.70	43.29	2.79	47.77	2.90
	71.6	20.63	2.24	25.11	2.36	29.59	2.47	34.08	2.58	39.46	2.71	43.04	2.80	47.53	2.91
	75.2	20.08	2.27	24.56	2.38	29.05	2.49	33.53	2.60	38.91	2.74	42.49	2.82	46.98	2.94
FDXS12L + FDXS12L + FDXS12L	60.8	21.32	2.18	25.61	2.29	29.90	2.40	34.19	2.51	39.34	2.65	42.77	2.74	47.06	2.85
	64.4	20.79	2.20	25.09	2.31	29.38	2.43	33.67	2.54	38.82	2.67	42.25	2.76	46.54	2.87
	68.0	20.27	2.23	24.56	2.34	28.85	2.45	33.14	2.56	38.29	2.70	41.72	2.79	46.02	2.90
	70.0	19.98	2.24	24.27	2.35	28.56	2.46	32.85	2.58	38.00	2.71	41.43	2.80	45.72	2.91
	71.6	19.75	2.25	24.04	2.36	28.33	2.48	32.62	2.59	37.77	2.72	41.20	2.81	45.49	2.92
	75.2	19.22	2.28	23.51	2.39	27.80	2.50	32.09	2.61	37.24	2.75	40.67	2.83	44.97	2.95
FTXS12L + FTXS12L + FTXS15L	60.8	24.12	2.49	28.98	2.62	33.84	2.75	38.69	2.88	44.52	3.03	48.40	3.13	53.26	3.26
	64.4	23.53	2.52	28.39	2.65	33.24	2.78	38.10	2.90	43.92	3.06	47.81	3.16	52.66	3.29
	68.0	22.94	2.55	27.79	2.68	32.65	2.80	37.50	2.93	43.33	3.08	47.21	3.19	52.07	3.31
	70.0	22.61	2.56	27.46	2.69	32.32	2.82	37.17	2.95	43.00	3.10	46.88	3.20	51.74	3.33
	71.6	22.34	2.58	27.20	2.70	32.05	2.83	36.91	2.96	42.74	3.11	46.62	3.21	51.48	3.34
	75.2	21.75	2.60	26.60	2.73	31.46	2.86	36.32	2.99	42.14	3.14	46.03	3.24	50.88	3.37
FTXS12L + FTXS12L + CDXS15L	60.8	23.17	2.25	27.83	2.37	32.50	2.48	37.16	2.60	42.76	2.74	46.49	2.83	51.15	2.94
	64.4	22.60	2.28	27.26	2.39	31.93	2.51	36.59	2.62	42.19	2.76	45.92	2.85	50.58	2.97
	68.0	22.03	2.30	26.69	2.42	31.36	2.53	36.02	2.65	41.62	2.79	45.35	2.88	50.01	2.99
	70.0	21.71	2.32	26.38	2.43	31.04	2.55	35.70	2.66	41.30	2.80	45.03	2.89	49.69	3.01
	71.6	21.46	2.33	26.12	2.44	30.79	2.56	35.45	2.67	41.05	2.81	44.78	2.90	49.44	3.02
	75.2	20.89	2.35	25.55	2.47	30.22	2.58	34.88	2.70	40.48	2.84	44.21	2.93	48.87	3.04

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS12L + FDXS12L + FTXS15L	60.8	23.17	2.19	27.83	2.31	32.50	2.42	37.16	2.53	42.76	2.67	46.49	2.76	51.15	2.87
	64.4	22.60	2.22	27.26	2.33	31.93	2.44	36.59	2.56	42.19	2.69	45.92	2.78	50.58	2.89
	68.0	22.03	2.24	26.69	2.36	31.36	2.47	36.02	2.58	41.62	2.72	45.35	2.81	50.01	2.92
	70.0	21.71	2.26	26.38	2.37	31.04	2.48	35.70	2.60	41.30	2.73	45.03	2.82	49.69	2.93
	71.6	21.46	2.27	26.12	2.38	30.79	2.49	35.45	2.61	41.05	2.74	44.78	2.83	49.44	2.94
	75.2	20.89	2.29	25.55	2.41	30.22	2.52	34.88	2.63	40.48	2.77	44.21	2.86	48.87	2.97
FTXS12L + FDXS12L + CDXS15L	60.8	22.27	2.15	26.76	2.26	31.24	2.37	35.72	2.48	41.10	2.61	44.69	2.70	49.17	2.81
	64.4	21.72	2.17	26.21	2.28	30.69	2.39	35.17	2.50	40.55	2.63	44.14	2.72	48.62	2.83
	68.0	21.18	2.19	25.66	2.30	30.14	2.41	34.63	2.52	40.00	2.66	43.59	2.74	48.07	2.85
	70.0	20.87	2.21	25.35	2.32	29.84	2.43	34.32	2.54	39.70	2.67	43.29	2.76	47.77	2.87
	71.6	20.63	2.22	25.11	2.33	29.59	2.44	34.08	2.55	39.46	2.68	43.04	2.77	47.53	2.88
	75.2	20.08	2.24	24.56	2.35	29.05	2.46	33.53	2.57	38.91	2.70	42.49	2.79	46.98	2.90
FDXS12L + FDXS12L + FTXS15L	60.8	22.27	2.06	26.76	2.16	31.24	2.27	35.72	2.37	41.10	2.50	44.69	2.59	49.17	2.69
	64.4	21.72	2.08	26.21	2.19	30.69	2.29	35.17	2.40	40.55	2.52	44.14	2.61	48.62	2.71
	68.0	21.18	2.10	25.66	2.21	30.14	2.32	34.63	2.42	40.00	2.55	43.59	2.63	48.07	2.74
	70.0	20.87	2.12	25.35	2.22	29.84	2.33	34.32	2.43	39.70	2.56	43.29	2.64	47.77	2.75
	71.6	20.63	2.13	25.11	2.23	29.59	2.34	34.08	2.44	39.46	2.57	43.04	2.65	47.53	2.76
	75.2	20.08	2.15	24.56	2.26	29.05	2.36	33.53	2.47	38.91	2.59	42.49	2.68	46.98	2.78
FDXS12L + FDXS12L + CDXS15L	60.8	21.32	2.15	25.61	2.27	29.90	2.38	34.19	2.49	39.34	2.62	42.77	2.71	47.06	2.82
	64.4	20.79	2.18	25.09	2.29	29.38	2.40	33.67	2.51	38.82	2.64	42.25	2.73	46.54	2.84
	68.0	20.27	2.20	24.56	2.31	28.85	2.42	33.14	2.53	38.29	2.67	41.72	2.75	46.02	2.87
	70.0	19.98	2.22	24.27	2.33	28.56	2.44	32.85	2.55	38.00	2.68	41.43	2.77	45.72	2.88
	71.6	19.75	2.23	24.04	2.34	28.33	2.45	32.62	2.56	37.77	2.69	41.20	2.78	45.49	2.89
	75.2	19.22	2.25	23.51	2.36	27.80	2.47	32.09	2.58	37.24	2.71	40.67	2.80	44.97	2.91
FTXS12L + FTXS12L + FTXS18L	60.8	24.12	2.51	28.98	2.64	33.84	2.77	38.69	2.89	44.52	3.05	48.40	3.15	53.26	3.28
	64.4	23.53	2.54	28.39	2.67	33.24	2.79	38.10	2.92	43.92	3.08	47.81	3.18	52.66	3.31
	68.0	22.94	2.56	27.79	2.69	32.65	2.82	37.50	2.95	43.33	3.10	47.21	3.21	52.07	3.34
	70.0	22.61	2.58	27.46	2.71	32.32	2.84	37.17	2.97	43.00	3.12	46.88	3.22	51.74	3.35
	71.6	22.34	2.59	27.20	2.72	32.05	2.85	36.91	2.98	42.74	3.13	46.62	3.24	51.48	3.36
	75.2	21.75	2.62	26.60	2.75	31.46	2.88	36.32	3.01	42.14	3.16	46.03	3.26	50.88	3.39
FTXS12L + FTXS12L + CDXS18L	60.8	23.17	2.24	27.83	2.36	32.50	2.47	37.16	2.59	42.76	2.73	46.49	2.82	51.15	2.93
	64.4	22.60	2.27	27.26	2.38	31.93	2.50	36.59	2.61	42.19	2.75	45.92	2.84	50.58	2.96
	68.0	22.03	2.29	26.69	2.41	31.36	2.52	36.02	2.64	41.62	2.78	45.35	2.87	50.01	2.98
	70.0	21.71	2.31	26.38	2.42	31.04	2.54	35.70	2.65	41.30	2.79	45.03	2.88	49.69	3.00
	71.6	21.46	2.32	26.12	2.43	30.79	2.55	35.45	2.66	41.05	2.80	44.78	2.89	49.44	3.01
	75.2	20.89	2.34	25.55	2.46	30.22	2.57	34.88	2.69	40.48	2.83	44.21	2.92	48.87	3.03
FTXS12L + FDXS12L + FTXS18L	60.8	23.17	2.20	27.83	2.32	32.50	2.43	37.16	2.54	42.76	2.68	46.49	2.77	51.15	2.88
	64.4	22.60	2.23	27.26	2.34	31.93	2.45	36.59	2.57	42.19	2.70	45.92	2.79	50.58	2.90
	68.0	22.03	2.25	26.69	2.37	31.36	2.48	36.02	2.59	41.62	2.73	45.35	2.82	50.01	2.93
	70.0	21.71	2.27	26.38	2.38	31.04	2.49	35.70	2.60	41.30	2.74	45.03	2.83	49.69	2.94
	71.6	21.46	2.28	26.12	2.39	30.79	2.50	35.45	2.62	41.05	2.75	44.78	2.84	49.44	2.95
	75.2	20.89	2.30	25.55	2.41	30.22	2.53	34.88	2.64	40.48	2.78	44.21	2.87	48.87	2.98
FTXS12L + FDXS12L + CDXS18L	60.8	22.27	2.14	26.76	2.25	31.24	2.36	35.72	2.47	41.10	2.60	44.69	2.69	49.17	2.80
	64.4	21.72	2.16	26.21	2.27	30.69	2.38	35.17	2.49	40.55	2.62	44.14	2.71	48.62	2.82
	68.0	21.18	2.19	25.66	2.30	30.14	2.41	34.63	2.52	40.00	2.65	43.59	2.73	48.07	2.84
	70.0	20.87	2.20	25.35	2.31	29.84	2.42	34.32	2.53	39.70	2.66	43.29	2.75	47.77	2.86
	71.6	20.63	2.21	25.11	2.32	29.59	2.43	34.08	2.54	39.46	2.67	43.04	2.76	47.53	2.87
	75.2	20.08	2.23	24.56	2.34	29.05	2.45	33.53	2.56	38.91	2.69	42.49	2.78	46.98	2.89

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS12L + FDXS12L + FTXS18L	60.8	22.27	2.06	26.76	2.16	31.24	2.27	35.72	2.37	41.10	2.50	44.69	2.59	49.17	2.69
	64.4	21.72	2.08	26.21	2.19	30.69	2.29	35.17	2.40	40.55	2.52	44.14	2.61	48.62	2.71
	68.0	21.18	2.10	25.66	2.21	30.14	2.32	34.63	2.42	40.00	2.55	43.59	2.63	48.07	2.74
	70.0	20.87	2.12	25.35	2.22	29.84	2.33	34.32	2.43	39.70	2.56	43.29	2.64	47.77	2.75
	71.6	20.63	2.13	25.11	2.23	29.59	2.34	34.08	2.44	39.46	2.57	43.04	2.65	47.53	2.76
	75.2	20.08	2.15	24.56	2.26	29.05	2.36	33.53	2.47	38.91	2.59	42.49	2.68	46.98	2.78
FDXS12L + FDXS12L + CDXS18L	60.8	21.32	2.15	25.61	2.26	29.90	2.37	34.19	2.48	39.34	2.61	42.77	2.70	47.06	2.81
	64.4	20.79	2.17	25.09	2.28	29.38	2.39	33.67	2.50	38.82	2.63	42.25	2.72	46.54	2.83
	68.0	20.27	2.19	24.56	2.30	28.85	2.41	33.14	2.52	38.29	2.66	41.72	2.74	46.02	2.85
	70.0	19.98	2.21	24.27	2.32	28.56	2.43	32.85	2.54	38.00	2.67	41.43	2.76	45.72	2.87
	71.6	19.75	2.22	24.04	2.33	28.33	2.44	32.62	2.55	37.77	2.68	41.20	2.77	45.49	2.88
	75.2	19.22	2.24	23.51	2.35	27.80	2.46	32.09	2.57	37.24	2.70	40.67	2.79	44.97	2.90
FTXS12L + FTXS12L + FTXS24L	60.8	24.12	2.61	28.98	2.75	33.84	2.88	38.69	3.01	44.52	3.18	48.40	3.28	53.26	3.42
	64.4	23.53	2.64	28.39	2.78	33.24	2.91	38.10	3.04	43.92	3.20	47.81	3.31	52.66	3.45
	68.0	22.94	2.67	27.79	2.81	32.65	2.94	37.50	3.07	43.33	3.23	47.21	3.34	52.07	3.47
	70.0	22.61	2.69	27.46	2.82	32.32	2.96	37.17	3.09	43.00	3.25	46.88	3.36	51.74	3.49
	71.6	22.34	2.70	27.20	2.83	32.05	2.97	36.91	3.10	42.74	3.26	46.62	3.37	51.48	3.50
	75.2	21.75	2.73	26.60	2.86	31.46	3.00	36.32	3.13	42.14	3.29	46.03	3.40	50.88	3.53
FTXS12L + FTXS12L + CDXS24L	60.8	23.17	2.24	27.83	2.35	32.50	2.46	37.16	2.58	42.76	2.72	46.49	2.81	51.15	2.92
	64.4	22.60	2.26	27.26	2.37	31.93	2.49	36.59	2.60	42.19	2.74	45.92	2.83	50.58	2.95
	68.0	22.03	2.29	26.69	2.40	31.36	2.51	36.02	2.63	41.62	2.77	45.35	2.86	50.01	2.97
	70.0	21.71	2.30	26.38	2.41	31.04	2.53	35.70	2.64	41.30	2.78	45.03	2.87	49.69	2.99
	71.6	21.46	2.31	26.12	2.42	30.79	2.54	35.45	2.65	41.05	2.79	44.78	2.88	49.44	3.00
	75.2	20.89	2.34	25.55	2.45	30.22	2.56	34.88	2.68	40.48	2.82	44.21	2.91	48.87	3.02
FTXS12L + FDXS12L + FTXS24L	60.8	23.17	2.28	27.83	2.40	32.50	2.52	37.16	2.63	42.76	2.77	46.49	2.87	51.15	2.99
	64.4	22.60	2.31	27.26	2.43	31.93	2.54	36.59	2.66	42.19	2.80	45.92	2.89	50.58	3.01
	68.0	22.03	2.33	26.69	2.45	31.36	2.57	36.02	2.69	41.62	2.83	45.35	2.92	50.01	3.04
	70.0	21.71	2.35	26.38	2.47	31.04	2.58	35.70	2.70	41.30	2.84	45.03	2.93	49.69	3.05
	71.6	21.46	2.36	26.12	2.48	30.79	2.59	35.45	2.71	41.05	2.85	44.78	2.94	49.44	3.06
	75.2	20.89	2.39	25.55	2.50	30.22	2.62	34.88	2.74	40.48	2.88	44.21	2.97	48.87	3.09
FTXS12L + FDXS12L + CDXS24L	60.8	22.27	2.12	26.76	2.23	31.24	2.34	35.72	2.45	41.10	2.58	44.69	2.67	49.17	2.77
	64.4	21.72	2.15	26.21	2.26	30.69	2.36	35.17	2.47	40.55	2.60	44.14	2.69	48.62	2.80
	68.0	21.18	2.17	25.66	2.28	30.14	2.39	34.63	2.50	40.00	2.63	43.59	2.71	48.07	2.82
	70.0	20.87	2.18	25.35	2.29	29.84	2.40	34.32	2.51	39.70	2.64	43.29	2.73	47.77	2.84
	71.6	20.63	2.19	25.11	2.30	29.59	2.41	34.08	2.52	39.46	2.65	43.04	2.74	47.53	2.85
	75.2	20.08	2.22	24.56	2.33	29.05	2.44	33.53	2.54	38.91	2.67	42.49	2.76	46.98	2.87
FDXS12L + FDXS12L + FTXS24L	60.8	22.27	2.07	26.76	2.17	31.24	2.28	35.72	2.38	41.10	2.51	44.69	2.60	49.17	2.70
	64.4	21.72	2.09	26.21	2.20	30.69	2.30	35.17	2.41	40.55	2.53	44.14	2.62	48.62	2.72
	68.0	21.18	2.11	25.66	2.22	30.14	2.32	34.63	2.43	40.00	2.56	43.59	2.64	48.07	2.75
	70.0	20.87	2.13	25.35	2.23	29.84	2.34	34.32	2.44	39.70	2.57	43.29	2.65	47.77	2.76
	71.6	20.63	2.14	25.11	2.24	29.59	2.35	34.08	2.45	39.46	2.58	43.04	2.66	47.53	2.77
	75.2	20.08	2.16	24.56	2.26	29.05	2.37	33.53	2.48	38.91	2.60	42.49	2.69	46.98	2.79
FDXS12L + FDXS12L + CDXS24L	60.8	21.32	2.02	25.61	2.12	29.90	2.22	34.19	2.33	39.34	2.45	42.77	2.53	47.06	2.64
	64.4	20.79	2.04	25.09	2.14	29.38	2.25	33.67	2.35	38.82	2.47	42.25	2.56	46.54	2.66
	68.0	20.27	2.06	24.56	2.17	28.85	2.27	33.14	2.37	38.29	2.50	41.72	2.58	46.02	2.68
	70.0	19.98	2.08	24.27	2.18	28.56	2.28	32.85	2.39	38.00	2.51	41.43	2.59	45.72	2.70
	71.6	19.75	2.09	24.04	2.19	28.33	2.29	32.62	2.40	37.77	2.52	41.20	2.60	45.49	2.71
	75.2	19.22	2.11	23.51	2.21	27.80	2.32	32.09	2.42	37.24	2.54	40.67	2.63	44.97	2.73

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS12L + FTXS15L + FTXS15L	60.8	24.12	2.85	28.98	3.00	33.84	3.15	38.69	3.29	44.52	3.47	48.40	3.59	53.26	3.73
	64.4	23.53	2.89	28.39	3.03	33.24	3.18	38.10	3.32	43.92	3.50	47.81	3.62	52.66	3.76
	68.0	22.94	2.92	27.79	3.06	32.65	3.21	37.50	3.36	43.33	3.53	47.21	3.65	52.07	3.80
	70.0	22.61	2.94	27.46	3.08	32.32	3.23	37.17	3.37	43.00	3.55	46.88	3.67	51.74	3.81
	71.6	22.34	2.95	27.20	3.10	32.05	3.24	36.91	3.39	42.74	3.56	46.62	3.68	51.48	3.83
	75.2	21.75	2.98	26.60	3.13	31.46	3.27	36.32	3.42	42.14	3.60	46.03	3.71	50.88	3.86
FTXS12L + FTXS15L + CDXS15L	60.8	23.17	2.38	27.83	2.50	32.50	2.62	37.16	2.75	42.76	2.89	46.49	2.99	51.15	3.11
	64.4	22.60	2.41	27.26	2.53	31.93	2.65	36.59	2.77	42.19	2.92	45.92	3.02	50.58	3.14
	68.0	22.03	2.43	26.69	2.56	31.36	2.68	36.02	2.80	41.62	2.95	45.35	3.04	50.01	3.16
	70.0	21.71	2.45	26.38	2.57	31.04	2.69	35.70	2.81	41.30	2.96	45.03	3.06	49.69	3.18
	71.6	21.46	2.46	26.12	2.58	30.79	2.70	35.45	2.83	41.05	2.97	44.78	3.07	49.44	3.19
	75.2	20.89	2.49	25.55	2.61	30.22	2.73	34.88	2.85	40.48	3.00	44.21	3.10	48.87	3.22
FTXS12L + CDXS15L + CDXS15L	60.8	22.27	2.20	26.76	2.32	31.24	2.43	35.72	2.54	41.10	2.68	44.69	2.77	49.17	2.88
	64.4	21.72	2.23	26.21	2.34	30.69	2.45	35.17	2.57	40.55	2.70	44.14	2.79	48.62	2.90
	68.0	21.18	2.25	25.66	2.37	30.14	2.48	34.63	2.59	40.00	2.73	43.59	2.82	48.07	2.93
	70.0	20.87	2.27	25.35	2.38	29.84	2.49	34.32	2.60	39.70	2.74	43.29	2.83	47.77	2.94
	71.6	20.63	2.28	25.11	2.39	29.59	2.50	34.08	2.62	39.46	2.75	43.04	2.84	47.53	2.95
	75.2	20.08	2.30	24.56	2.41	29.05	2.53	33.53	2.64	38.91	2.78	42.49	2.87	46.98	2.98
FDXS12L + FTXS15L + FTXS15L	60.8	23.17	2.43	27.83	2.55	32.50	2.68	37.16	2.80	42.76	2.95	46.49	3.05	51.15	3.17
	64.4	22.60	2.46	27.26	2.58	31.93	2.70	36.59	2.83	42.19	2.98	45.92	3.08	50.58	3.20
	68.0	22.03	2.48	26.69	2.61	31.36	2.73	36.02	2.86	41.62	3.00	45.35	3.10	50.01	3.23
	70.0	21.71	2.50	26.38	2.62	31.04	2.75	35.70	2.87	41.30	3.02	45.03	3.12	49.69	3.24
	71.6	21.46	2.51	26.12	2.63	30.79	2.76	35.45	2.88	41.05	3.03	44.78	3.13	49.44	3.26
	75.2	20.89	2.54	25.55	2.66	30.22	2.79	34.88	2.91	40.48	3.06	44.21	3.16	48.87	3.28
FDXS12L + FTXS15L + CDXS15L	60.8	22.27	2.15	26.76	2.26	31.24	2.37	35.72	2.48	41.10	2.61	44.69	2.70	49.17	2.81
	64.4	21.72	2.17	26.21	2.28	30.69	2.39	35.17	2.50	40.55	2.63	44.14	2.72	48.62	2.83
	68.0	21.18	2.19	25.66	2.30	30.14	2.41	34.63	2.52	40.00	2.66	43.59	2.74	48.07	2.85
	70.0	20.87	2.21	25.35	2.32	29.84	2.43	34.32	2.54	39.70	2.67	43.29	2.76	47.77	2.87
	71.6	20.63	2.22	25.11	2.33	29.59	2.44	34.08	2.55	39.46	2.68	43.04	2.77	47.53	2.88
	75.2	20.08	2.24	24.56	2.35	29.05	2.46	33.53	2.57	38.91	2.70	42.49	2.79	46.98	2.90
FDXS12L + CDXS15L + CDXS15L	60.8	21.32	2.12	25.61	2.23	29.90	2.34	34.19	2.45	39.34	2.58	42.77	2.67	47.06	2.77
	64.4	20.79	2.15	25.09	2.26	29.38	2.36	33.67	2.47	38.82	2.60	42.25	2.69	46.54	2.80
	68.0	20.27	2.17	24.56	2.28	28.85	2.39	33.14	2.50	38.29	2.63	41.72	2.71	46.02	2.82
	70.0	19.98	2.18	24.27	2.29	28.56	2.40	32.85	2.51	38.00	2.64	41.43	2.73	45.72	2.84
	71.6	19.75	2.19	24.04	2.30	28.33	2.41	32.62	2.52	37.77	2.65	41.20	2.74	45.49	2.85
	75.2	19.22	2.22	23.51	2.33	27.80	2.44	32.09	2.54	37.24	2.67	40.67	2.76	44.97	2.87
FTXS12L + FTXS15L + FTXS18L	60.8	24.12	2.85	28.98	2.99	33.84	3.14	38.69	3.28	44.52	3.46	48.40	3.58	53.26	3.72
	64.4	23.53	2.88	28.39	3.02	33.24	3.17	38.10	3.32	43.92	3.49	47.81	3.61	52.66	3.75
	68.0	22.94	2.91	27.79	3.06	32.65	3.20	37.50	3.35	43.33	3.52	47.21	3.64	52.07	3.78
	70.0	22.61	2.93	27.46	3.07	32.32	3.22	37.17	3.37	43.00	3.54	46.88	3.66	51.74	3.80
	71.6	22.34	2.94	27.20	3.09	32.05	3.23	36.91	3.38	42.74	3.55	46.62	3.67	51.48	3.82
	75.2	21.75	2.97	26.60	3.12	31.46	3.27	36.32	3.41	42.14	3.59	46.03	3.70	50.88	3.85
FTXS12L + FTXS15L + CDXS18L	60.8	23.17	2.37	27.83	2.49	32.50	2.61	37.16	2.74	42.76	2.88	46.49	2.98	51.15	3.10
	64.4	22.60	2.40	27.26	2.52	31.93	2.64	36.59	2.76	42.19	2.91	45.92	3.01	50.58	3.13
	68.0	22.03	2.43	26.69	2.55	31.36	2.67	36.02	2.79	41.62	2.94	45.35	3.03	50.01	3.15
	70.0	21.71	2.44	26.38	2.56	31.04	2.68	35.70	2.80	41.30	2.95	45.03	3.05	49.69	3.17
	71.6	21.46	2.45	26.12	2.57	30.79	2.69	35.45	2.82	41.05	2.96	44.78	3.06	49.44	3.18
	75.2	20.89	2.48	25.55	2.60	30.22	2.72	34.88	2.84	40.48	2.99	44.21	3.09	48.87	3.21

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS12L + CDXS15L + FTXS18L	60.8	23.17	2.39	27.83	2.51	32.50	2.63	37.16	2.75	42.76	2.90	46.49	3.00	51.15	3.12
	64.4	22.60	2.41	27.26	2.54	31.93	2.66	36.59	2.78	42.19	2.93	45.92	3.03	50.58	3.15
	68.0	22.03	2.44	26.69	2.56	31.36	2.69	36.02	2.81	41.62	2.96	45.35	3.05	50.01	3.18
	70.0	21.71	2.46	26.38	2.58	31.04	2.70	35.70	2.82	41.30	2.97	45.03	3.07	49.69	3.19
	71.6	21.46	2.47	26.12	2.59	30.79	2.71	35.45	2.84	41.05	2.98	44.78	3.08	49.44	3.20
	75.2	20.89	2.49	25.55	2.62	30.22	2.74	34.88	2.86	40.48	3.01	44.21	3.11	48.87	3.23
FTXS12L + CDXS15L + CDXS18L	60.8	22.27	2.19	26.76	2.31	31.24	2.42	35.72	2.53	41.10	2.67	44.69	2.76	49.17	2.87
	64.4	21.72	2.22	26.21	2.33	30.69	2.44	35.17	2.56	40.55	2.69	44.14	2.78	48.62	2.89
	68.0	21.18	2.24	25.66	2.36	30.14	2.47	34.63	2.58	40.00	2.72	43.59	2.81	48.07	2.92
	70.0	20.87	2.26	25.35	2.37	29.84	2.48	34.32	2.60	39.70	2.73	43.29	2.82	47.77	2.93
	71.6	20.63	2.27	25.11	2.38	29.59	2.49	34.08	2.61	39.46	2.74	43.04	2.83	47.53	2.94
	75.2	20.08	2.29	24.56	2.41	29.05	2.52	33.53	2.63	38.91	2.77	42.49	2.86	46.98	2.97
FDXS12L + FTXS15L + FTXS18L	60.8	23.17	2.44	27.83	2.57	32.50	2.69	37.16	2.82	42.76	2.97	46.49	3.07	51.15	3.20
	64.4	22.60	2.47	27.26	2.60	31.93	2.72	36.59	2.85	42.19	3.00	45.92	3.10	50.58	3.22
	68.0	22.03	2.50	26.69	2.62	31.36	2.75	36.02	2.87	41.62	3.02	45.35	3.12	50.01	3.25
	70.0	21.71	2.51	26.38	2.64	31.04	2.76	35.70	2.89	41.30	3.04	45.03	3.14	49.69	3.27
	71.6	21.46	2.53	26.12	2.65	30.79	2.78	35.45	2.90	41.05	3.05	44.78	3.15	49.44	3.28
	75.2	20.89	2.55	25.55	2.68	30.22	2.80	34.88	2.93	40.48	3.08	44.21	3.18	48.87	3.30
FDXS12L + FTXS15L + CDXS18L	60.8	22.27	2.14	26.76	2.25	31.24	2.36	35.72	2.47	41.10	2.60	44.69	2.69	49.17	2.80
	64.4	21.72	2.16	26.21	2.27	30.69	2.38	35.17	2.49	40.55	2.62	44.14	2.71	48.62	2.82
	68.0	21.18	2.19	25.66	2.30	30.14	2.41	34.63	2.52	40.00	2.65	43.59	2.73	48.07	2.84
	70.0	20.87	2.20	25.35	2.31	29.84	2.42	34.32	2.53	39.70	2.66	43.29	2.75	47.77	2.86
	71.6	20.63	2.21	25.11	2.32	29.59	2.43	34.08	2.54	39.46	2.67	43.04	2.76	47.53	2.87
	75.2	20.08	2.23	24.56	2.34	29.05	2.45	33.53	2.56	38.91	2.69	42.49	2.78	46.98	2.89
FDXS12L + CDXS15L + FTXS18L	60.8	22.27	2.15	26.76	2.27	31.24	2.38	35.72	2.49	41.10	2.62	44.69	2.71	49.17	2.82
	64.4	21.72	2.18	26.21	2.29	30.69	2.40	35.17	2.51	40.55	2.64	44.14	2.73	48.62	2.84
	68.0	21.18	2.20	25.66	2.31	30.14	2.42	34.63	2.53	40.00	2.67	43.59	2.75	48.07	2.87
	70.0	20.87	2.22	25.35	2.33	29.84	2.44	34.32	2.55	39.70	2.68	43.29	2.77	47.77	2.88
	71.6	20.63	2.23	25.11	2.34	29.59	2.45	34.08	2.56	39.46	2.69	43.04	2.78	47.53	2.89
	75.2	20.08	2.25	24.56	2.36	29.05	2.47	33.53	2.58	38.91	2.71	42.49	2.80	46.98	2.91
FDXS12L + CDXS15L + CDXS18L	60.8	21.32	2.11	25.61	2.22	29.90	2.33	34.19	2.44	39.34	2.57	42.77	2.66	47.06	2.76
	64.4	20.79	2.14	25.09	2.25	29.38	2.35	33.67	2.46	38.82	2.59	42.25	2.68	46.54	2.79
	68.0	20.27	2.16	24.56	2.27	28.85	2.38	33.14	2.49	38.29	2.62	41.72	2.70	46.02	2.81
	70.0	19.98	2.18	24.27	2.28	28.56	2.39	32.85	2.50	38.00	2.63	41.43	2.72	45.72	2.82
	71.6	19.75	2.19	24.04	2.29	28.33	2.40	32.62	2.51	37.77	2.64	41.20	2.73	45.49	2.84
	75.2	19.22	2.21	23.51	2.32	27.80	2.43	32.09	2.53	37.24	2.66	40.67	2.75	44.97	2.86
FTXS12L + FTXS18L + FTXS18L	60.8	24.12	2.84	28.98	2.98	33.84	3.13	38.69	3.27	44.52	3.45	48.40	3.57	53.26	3.71
	64.4	23.53	2.87	28.39	3.02	33.24	3.16	38.10	3.31	43.92	3.48	47.81	3.60	52.66	3.74
	68.0	22.94	2.90	27.79	3.05	32.65	3.19	37.50	3.34	43.33	3.51	47.21	3.63	52.07	3.77
	70.0	22.61	2.92	27.46	3.06	32.32	3.21	37.17	3.36	43.00	3.53	46.88	3.65	51.74	3.79
	71.6	22.34	2.93	27.20	3.08	32.05	3.22	36.91	3.37	42.74	3.54	46.62	3.66	51.48	3.81
	75.2	21.75	2.97	26.60	3.11	31.46	3.26	36.32	3.40	42.14	3.58	46.03	3.69	50.88	3.84
FTXS12L + FTXS18L + CDXS18L	60.8	23.17	2.38	27.83	2.50	32.50	2.62	37.16	2.75	42.76	2.89	46.49	2.99	51.15	3.11
	64.4	22.60	2.41	27.26	2.53	31.93	2.65	36.59	2.77	42.19	2.92	45.92	3.02	50.58	3.14
	68.0	22.03	2.43	26.69	2.56	31.36	2.68	36.02	2.80	41.62	2.95	45.35	3.04	50.01	3.16
	70.0	21.71	2.45	26.38	2.57	31.04	2.69	35.70	2.81	41.30	2.96	45.03	3.06	49.69	3.18
	71.6	21.46	2.46	26.12	2.58	30.79	2.70	35.45	2.83	41.05	2.97	44.78	3.07	49.44	3.19
	75.2	20.89	2.49	25.55	2.61	30.22	2.73	34.88	2.85	40.48	3.00	44.21	3.10	48.87	3.22

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS12L + CDXS18L + CDXS18L	60.8	22.27	2.19	26.76	2.30	31.24	2.41	35.72	2.52	41.10	2.66	44.69	2.75	49.17	2.86
	64.4	21.72	2.21	26.21	2.32	30.69	2.44	35.17	2.55	40.55	2.68	44.14	2.77	48.62	2.88
	68.0	21.18	2.24	25.66	2.35	30.14	2.46	34.63	2.57	40.00	2.71	43.59	2.80	48.07	2.91
	70.0	20.87	2.25	25.35	2.36	29.84	2.47	34.32	2.59	39.70	2.72	43.29	2.81	47.77	2.92
	71.6	20.63	2.26	25.11	2.37	29.59	2.48	34.08	2.60	39.46	2.73	43.04	2.82	47.53	2.93
	75.2	20.08	2.28	24.56	2.40	29.05	2.51	33.53	2.62	38.91	2.76	42.49	2.85	46.98	2.96
FDXS12L + FTXS18L + FTXS18L	60.8	23.17	2.50	27.83	2.63	32.50	2.76	37.16	2.88	42.76	3.04	46.49	3.14	51.15	3.27
	64.4	22.60	2.53	27.26	2.66	31.93	2.78	36.59	2.91	42.19	3.07	45.92	3.17	50.58	3.30
	68.0	22.03	2.56	26.69	2.68	31.36	2.81	36.02	2.94	41.62	3.09	45.35	3.20	50.01	3.32
	70.0	21.71	2.57	26.38	2.70	31.04	2.83	35.70	2.96	41.30	3.11	45.03	3.21	49.69	3.34
	71.6	21.46	2.58	26.12	2.71	30.79	2.84	35.45	2.97	41.05	3.12	44.78	3.22	49.44	3.35
	75.2	20.89	2.61	25.55	2.74	30.22	2.87	34.88	3.00	40.48	3.15	44.21	3.25	48.87	3.38
FDXS12L + FTXS18L + CDXS18L	60.8	22.27	2.15	26.76	2.26	31.24	2.37	35.72	2.48	41.10	2.61	44.69	2.70	49.17	2.81
	64.4	21.72	2.17	26.21	2.28	30.69	2.39	35.17	2.50	40.55	2.63	44.14	2.72	48.62	2.83
	68.0	21.18	2.19	25.66	2.30	30.14	2.41	34.63	2.52	40.00	2.66	43.59	2.74	48.07	2.85
	70.0	20.87	2.21	25.35	2.32	29.84	2.43	34.32	2.54	39.70	2.67	43.29	2.76	47.77	2.87
	71.6	20.63	2.22	25.11	2.33	29.59	2.44	34.08	2.55	39.46	2.68	43.04	2.77	47.53	2.88
	75.2	20.08	2.24	24.56	2.35	29.05	2.46	33.53	2.57	38.91	2.70	42.49	2.79	46.98	2.90
FDXS12L + CDXS18L + CDXS18L	60.8	21.32	2.11	25.61	2.21	29.90	2.32	34.19	2.43	39.34	2.56	42.77	2.65	47.06	2.75
	64.4	20.79	2.13	25.09	2.24	29.38	2.35	33.67	2.45	38.82	2.58	42.25	2.67	46.54	2.78
	68.0	20.27	2.15	24.56	2.26	28.85	2.37	33.14	2.48	38.29	2.61	41.72	2.69	46.02	2.80
	70.0	19.98	2.17	24.27	2.27	28.56	2.38	32.85	2.49	38.00	2.62	41.43	2.71	45.72	2.81
	71.6	19.75	2.18	24.04	2.29	28.33	2.39	32.62	2.50	37.77	2.63	41.20	2.72	45.49	2.82
	75.2	19.22	2.20	23.51	2.31	27.80	2.42	32.09	2.52	37.24	2.65	40.67	2.74	44.97	2.85
FTXS15L + FTXS15L + FTXS15L	60.8	24.12	2.85	28.98	3.00	33.84	3.15	38.69	3.29	44.52	3.47	48.40	3.59	53.26	3.73
	64.4	23.53	2.89	28.39	3.03	33.24	3.18	38.10	3.32	43.92	3.50	47.81	3.62	52.66	3.76
	68.0	22.94	2.92	27.79	3.06	32.65	3.21	37.50	3.36	43.33	3.53	47.21	3.65	52.07	3.80
	70.0	22.61	2.94	27.46	3.08	32.32	3.23	37.17	3.37	43.00	3.55	46.88	3.67	51.74	3.81
	71.6	22.34	2.95	27.20	3.10	32.05	3.24	36.91	3.39	42.74	3.56	46.62	3.68	51.48	3.83
	75.2	21.75	2.98	26.60	3.13	31.46	3.27	36.32	3.42	42.14	3.60	46.03	3.71	50.88	3.86
FTXS15L + FTXS15L + CDXS15L	60.8	23.17	2.72	27.83	2.86	32.50	3.00	37.16	3.14	42.76	3.30	46.49	3.41	51.15	3.55
	64.4	22.60	2.75	27.26	2.89	31.93	3.03	36.59	3.17	42.19	3.33	45.92	3.44	50.58	3.58
	68.0	22.03	2.78	26.69	2.92	31.36	3.06	36.02	3.20	41.62	3.36	45.35	3.47	50.01	3.61
	70.0	21.71	2.80	26.38	2.93	31.04	3.07	35.70	3.21	41.30	3.38	45.03	3.49	49.69	3.63
	71.6	21.46	2.81	26.12	2.95	30.79	3.09	35.45	3.23	41.05	3.39	44.78	3.50	49.44	3.64
	75.2	20.89	2.84	25.55	2.98	30.22	3.12	34.88	3.26	40.48	3.42	44.21	3.54	48.87	3.67
FTXS15L + CDXS15L + CDXS15L	60.8	22.27	2.32	26.76	2.43	31.24	2.55	35.72	2.67	41.10	2.81	44.69	2.91	49.17	3.03
	64.4	21.72	2.34	26.21	2.46	30.69	2.58	35.17	2.70	40.55	2.84	44.14	2.93	48.62	3.05
	68.0	21.18	2.37	25.66	2.49	30.14	2.60	34.63	2.72	40.00	2.87	43.59	2.96	48.07	3.08
	70.0	20.87	2.38	25.35	2.50	29.84	2.62	34.32	2.74	39.70	2.88	43.29	2.97	47.77	3.09
	71.6	20.63	2.39	25.11	2.51	29.59	2.63	34.08	2.75	39.46	2.89	43.04	2.99	47.53	3.11
	75.2	20.08	2.42	24.56	2.54	29.05	2.66	33.53	2.78	38.91	2.92	42.49	3.01	46.98	3.13
CDXS15L + CDXS15L + CDXS15L	60.8	21.32	2.17	25.61	2.28	29.90	2.39	34.19	2.50	39.34	2.64	42.77	2.73	47.06	2.84
	64.4	20.79	2.20	25.09	2.31	29.38	2.42	33.67	2.53	38.82	2.66	42.25	2.75	46.54	2.86
	68.0	20.27	2.22	24.56	2.33	28.85	2.44	33.14	2.55	38.29	2.69	41.72	2.78	46.02	2.89
	70.0	19.98	2.23	24.27	2.34	28.56	2.46	32.85	2.57	38.00	2.70	41.43	2.79	45.72	2.90
	71.6	19.75	2.24	24.04	2.36	28.33	2.47	32.62	2.58	37.77	2.71	41.20	2.80	45.49	2.91
	75.2	19.22	2.27	23.51	2.38	27.80	2.49	32.09	2.60	37.24	2.74	40.67	2.82	44.97	2.94

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS15L + FTXS15L + FTXS18L	60.8	24.12	2.85	28.98	3.00	33.84	3.15	38.69	3.29	44.52	3.47	48.40	3.59	53.26	3.73
	64.4	23.53	2.89	28.39	3.03	33.24	3.18	38.10	3.32	43.92	3.50	47.81	3.62	52.66	3.76
	68.0	22.94	2.92	27.79	3.06	32.65	3.21	37.50	3.36	43.33	3.53	47.21	3.65	52.07	3.80
	70.0	22.61	2.94	27.46	3.08	32.32	3.23	37.17	3.37	43.00	3.55	46.88	3.67	51.74	3.81
	71.6	22.34	2.95	27.20	3.10	32.05	3.24	36.91	3.39	42.74	3.56	46.62	3.68	51.48	3.83
	75.2	21.75	2.98	26.60	3.13	31.46	3.27	36.32	3.42	42.14	3.60	46.03	3.71	50.88	3.86
FTXS15L + FTXS15L + CDXS18L	60.8	23.17	2.71	27.83	2.85	32.50	2.99	37.16	3.13	42.76	3.29	46.49	3.40	51.15	3.54
	64.4	22.60	2.74	27.26	2.88	31.93	3.02	36.59	3.16	42.19	3.32	45.92	3.43	50.58	3.57
	68.0	22.03	2.77	26.69	2.91	31.36	3.05	36.02	3.19	41.62	3.35	45.35	3.46	50.01	3.60
	70.0	21.71	2.79	26.38	2.93	31.04	3.06	35.70	3.20	41.30	3.37	45.03	3.48	49.69	3.62
	71.6	21.46	2.80	26.12	2.94	30.79	3.08	35.45	3.22	41.05	3.38	44.78	3.49	49.44	3.63
	75.2	20.89	2.83	25.55	2.97	30.22	3.11	34.88	3.25	40.48	3.41	44.21	3.52	48.87	3.66
FTXS15L + CDXS15L + CDXS18L	60.8	23.17	2.74	27.83	2.88	32.50	3.02	37.16	3.16	42.76	3.33	46.49	3.44	51.15	3.58
	64.4	22.60	2.77	27.26	2.91	31.93	3.05	36.59	3.19	42.19	3.36	45.92	3.47	50.58	3.61
	68.0	22.03	2.80	26.69	2.94	31.36	3.08	36.02	3.22	41.62	3.39	45.35	3.51	50.01	3.65
	70.0	21.71	2.82	26.38	2.96	31.04	3.10	35.70	3.24	41.30	3.41	45.03	3.52	49.69	3.66
	71.6	21.46	2.83	26.12	2.97	30.79	3.11	35.45	3.26	41.05	3.42	44.78	3.54	49.44	3.68
	75.2	20.89	2.86	25.55	3.01	30.22	3.15	34.88	3.29	40.48	3.45	44.21	3.57	48.87	3.71
CDXS15L + FTXS15L + FTXS18L	60.8	22.27	2.31	26.76	2.43	31.24	2.54	35.72	2.66	41.10	2.80	44.69	2.90	49.17	3.02
	64.4	21.72	2.33	26.21	2.45	30.69	2.57	35.17	2.69	40.55	2.83	44.14	2.92	48.62	3.04
	68.0	21.18	2.36	25.66	2.48	30.14	2.60	34.63	2.71	40.00	2.86	43.59	2.95	48.07	3.07
	70.0	20.87	2.37	25.35	2.49	29.84	2.61	34.32	2.73	39.70	2.87	43.29	2.96	47.77	3.08
	71.6	20.63	2.39	25.11	2.50	29.59	2.62	34.08	2.74	39.46	2.88	43.04	2.98	47.53	3.09
	75.2	20.08	2.41	24.56	2.53	29.05	2.65	33.53	2.77	38.91	2.91	42.49	3.00	46.98	3.12
CDXS15L + FTXS15L + CDXS18L	60.8	22.27	2.32	26.76	2.44	31.24	2.56	35.72	2.68	41.10	2.82	44.69	2.92	49.17	3.04
	64.4	21.72	2.35	26.21	2.47	30.69	2.59	35.17	2.71	40.55	2.85	44.14	2.94	48.62	3.06
	68.0	21.18	2.38	25.66	2.49	30.14	2.61	34.63	2.73	40.00	2.88	43.59	2.97	48.07	3.09
	70.0	20.87	2.39	25.35	2.51	29.84	2.63	34.32	2.75	39.70	2.89	43.29	2.99	47.77	3.10
	71.6	20.63	2.40	25.11	2.52	29.59	2.64	34.08	2.76	39.46	2.90	43.04	3.00	47.53	3.12
	75.2	20.08	2.43	24.56	2.55	29.05	2.67	33.53	2.78	38.91	2.93	42.49	3.02	46.98	3.14
CDXS15L + CDXS15L + CDXS18L	60.8	21.32	2.16	25.61	2.27	29.90	2.38	34.19	2.50	39.34	2.63	42.77	2.72	47.06	2.83
	64.4	20.79	2.19	25.09	2.30	29.38	2.41	33.67	2.52	38.82	2.65	42.25	2.74	46.54	2.85
	68.0	20.27	2.21	24.56	2.32	28.85	2.43	33.14	2.54	38.29	2.68	41.72	2.77	46.02	2.88
	70.0	19.98	2.22	24.27	2.34	28.56	2.45	32.85	2.56	38.00	2.69	41.43	2.78	45.72	2.89
	71.6	19.75	2.24	24.04	2.35	28.33	2.46	32.62	2.57	37.77	2.70	41.20	2.79	45.49	2.90
	75.2	19.22	2.26	23.51	2.37	27.80	2.48	32.09	2.59	37.24	2.73	40.67	2.81	44.97	2.92
CTXS07L + CTXS07L + CTXS07L + CTXS07L	60.8	21.26	1.94	25.54	2.04	29.82	2.14	34.10	2.24	39.24	2.35	42.66	2.43	46.94	2.53
	64.4	20.74	1.96	25.02	2.06	29.30	2.16	33.58	2.26	38.71	2.38	42.14	2.46	46.42	2.55
	68.0	20.22	1.98	24.50	2.08	28.78	2.18	33.06	2.28	38.19	2.40	41.61	2.48	45.89	2.58
	70.0	19.93	1.99	24.21	2.09	28.48	2.19	32.76	2.29	37.90	2.41	41.32	2.49	45.60	2.59
	71.6	19.69	2.00	23.97	2.10	28.25	2.20	32.53	2.30	37.67	2.42	41.09	2.50	45.37	2.60
	75.2	19.17	2.02	23.45	2.12	27.73	2.22	32.01	2.32	37.14	2.44	40.57	2.52	44.85	2.62
CTXS07L + CTXS07L + CTXS07L + FTXS09L	60.8	21.99	2.07	26.42	2.18	30.85	2.29	35.27	2.39	40.58	2.52	44.12	2.61	48.55	2.71
	64.4	21.45	2.10	25.88	2.20	30.30	2.31	34.73	2.42	40.04	2.54	43.58	2.63	48.01	2.74
	68.0	20.91	2.12	25.34	2.23	29.76	2.33	34.19	2.44	39.50	2.57	43.04	2.65	47.47	2.76
	70.0	20.61	2.13	25.04	2.24	29.46	2.35	33.89	2.45	39.20	2.58	42.74	2.66	47.17	2.77
	71.6	20.37	2.14	24.79	2.25	29.22	2.36	33.65	2.46	38.96	2.59	42.50	2.68	46.93	2.78
	75.2	19.83	2.17	24.25	2.27	28.68	2.38	33.11	2.49	38.42	2.61	41.96	2.70	46.39	2.80

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CTXS07L + CTXS07L + FDXS09L	60.8	21.26	1.90	25.54	1.99	29.82	2.09	34.10	2.19	39.24	2.31	42.66	2.38	46.94	2.48
	64.4	20.74	1.92	25.02	2.02	29.30	2.11	33.58	2.21	38.71	2.33	42.14	2.40	46.42	2.50
	68.0	20.22	1.94	24.50	2.04	28.78	2.13	33.06	2.23	38.19	2.35	41.61	2.43	45.89	2.52
	70.0	19.93	1.95	24.21	2.05	28.48	2.15	32.76	2.24	37.90	2.36	41.32	2.44	45.60	2.53
	71.6	19.69	1.96	23.97	2.06	28.25	2.16	32.53	2.25	37.67	2.37	41.09	2.45	45.37	2.54
	75.2	19.17	1.98	23.45	2.08	27.73	2.18	32.01	2.27	37.14	2.39	40.57	2.47	44.85	2.57
CTXS07L + CTXS07L + CTXS07L + FTXS12L	60.8	23.06	2.29	27.70	2.41	32.34	2.53	36.98	2.64	42.55	2.78	46.26	2.88	50.90	3.00
	64.4	22.49	2.32	27.13	2.43	31.77	2.55	36.41	2.67	41.98	2.81	45.70	2.90	50.34	3.02
	68.0	21.92	2.34	26.56	2.46	31.21	2.58	35.85	2.69	41.42	2.84	45.13	2.93	49.77	3.05
	70.0	21.61	2.36	26.25	2.47	30.89	2.59	35.53	2.71	41.10	2.85	44.81	2.94	49.45	3.06
	71.6	21.36	2.37	26.00	2.49	30.64	2.60	35.28	2.72	40.85	2.86	44.56	2.96	49.20	3.07
	75.2	20.79	2.39	25.43	2.51	30.07	2.63	34.71	2.75	40.28	2.89	43.99	2.98	48.63	3.10
CTXS07L + CTXS07L + CTXS07L + FDXS12L	60.8	22.33	2.08	26.82	2.19	31.32	2.30	35.81	2.40	41.20	2.53	44.80	2.62	49.29	2.72
	64.4	21.78	2.11	26.27	2.21	30.77	2.32	35.26	2.43	40.65	2.55	44.25	2.64	48.74	2.75
	68.0	21.23	2.13	25.72	2.24	30.22	2.34	34.71	2.45	40.11	2.58	43.70	2.66	48.19	2.77
	70.0	20.92	2.14	25.42	2.25	29.91	2.36	34.41	2.46	39.80	2.59	43.40	2.68	47.89	2.78
	71.6	20.68	2.15	25.17	2.26	29.67	2.37	34.16	2.47	39.56	2.60	43.15	2.69	47.65	2.79
	75.2	20.13	2.18	24.62	2.28	29.12	2.39	33.61	2.50	39.01	2.62	42.60	2.71	47.10	2.82
CTXS07L + CTXS07L + CTXS07L + FTXS15L	60.8	24.12	2.85	28.98	2.99	33.84	3.14	38.69	3.28	44.52	3.46	48.40	3.58	53.26	3.72
	64.4	23.53	2.88	28.39	3.02	33.24	3.17	38.10	3.32	43.92	3.49	47.81	3.61	52.66	3.75
	68.0	22.94	2.91	27.79	3.06	32.65	3.20	37.50	3.35	43.33	3.52	47.21	3.64	52.07	3.78
	70.0	22.61	2.93	27.46	3.07	32.32	3.22	37.17	3.37	43.00	3.54	46.88	3.66	51.74	3.80
	71.6	22.34	2.94	27.20	3.09	32.05	3.23	36.91	3.38	42.74	3.55	46.62	3.67	51.48	3.82
	75.2	21.75	2.97	26.60	3.12	31.46	3.27	36.32	3.41	42.14	3.59	46.03	3.70	50.88	3.85
CTXS07L + CTXS07L + CTXS07L + CDXS15L	60.8	23.45	2.41	28.17	2.54	32.89	2.66	37.61	2.78	43.27	2.93	47.05	3.03	51.77	3.15
	64.4	22.87	2.44	27.59	2.56	32.31	2.69	37.03	2.81	42.70	2.96	46.47	3.06	51.19	3.18
	68.0	22.30	2.47	27.02	2.59	31.74	2.71	36.46	2.84	42.12	2.98	45.90	3.08	50.62	3.21
	70.0	21.98	2.48	26.70	2.60	31.42	2.73	36.14	2.85	41.80	3.00	45.58	3.10	50.30	3.22
	71.6	21.72	2.49	26.44	2.62	31.16	2.74	35.88	2.86	41.54	3.01	45.32	3.11	50.04	3.23
	75.2	21.14	2.52	25.86	2.64	30.58	2.77	35.30	2.89	40.97	3.04	44.74	3.14	49.46	3.26
CTXS07L + CTXS07L + CTXS07L + FTXS18L	60.8	24.12	2.84	28.98	2.98	33.84	3.13	38.69	3.27	44.52	3.45	48.40	3.57	53.26	3.71
	64.4	23.53	2.87	28.39	3.02	33.24	3.16	38.10	3.31	43.92	3.48	47.81	3.60	52.66	3.74
	68.0	22.94	2.90	27.79	3.05	32.65	3.19	37.50	3.34	43.33	3.51	47.21	3.63	52.07	3.77
	70.0	22.61	2.92	27.46	3.06	32.32	3.21	37.17	3.36	43.00	3.53	46.88	3.65	51.74	3.79
	71.6	22.34	2.93	27.20	3.08	32.05	3.22	36.91	3.37	42.74	3.54	46.62	3.66	51.48	3.81
	75.2	21.75	2.97	26.60	3.11	31.46	3.26	36.32	3.40	42.14	3.58	46.03	3.69	50.88	3.84
CTXS07L + CTXS07L + CTXS07L + CDXS18L	60.8	23.45	2.40	28.17	2.53	32.89	2.65	37.61	2.77	43.27	2.92	47.05	3.02	51.77	3.14
	64.4	22.87	2.43	27.59	2.55	32.31	2.68	37.03	2.80	42.70	2.95	46.47	3.05	51.19	3.17
	68.0	22.30	2.46	27.02	2.58	31.74	2.70	36.46	2.83	42.12	2.98	45.90	3.07	50.62	3.20
	70.0	21.98	2.47	26.70	2.60	31.42	2.72	36.14	2.84	41.80	2.99	45.58	3.09	50.30	3.21
	71.6	21.72	2.48	26.44	2.61	31.16	2.73	35.88	2.85	41.54	3.00	45.32	3.10	50.04	3.22
	75.2	21.14	2.51	25.86	2.63	30.58	2.76	35.30	2.88	40.97	3.03	44.74	3.13	49.46	3.25
CTXS07L + CTXS07L + CTXS07L + FTXS24L	60.8	24.12	2.83	28.98	2.98	33.84	3.12	38.69	3.27	44.52	3.44	48.40	3.55	53.26	3.70
	64.4	23.53	2.86	28.39	3.01	33.24	3.15	38.10	3.30	43.92	3.47	47.81	3.59	52.66	3.73
	68.0	22.94	2.89	27.79	3.04	32.65	3.18	37.50	3.33	43.33	3.50	47.21	3.62	52.07	3.76
	70.0	22.61	2.91	27.46	3.06	32.32	3.20	37.17	3.35	43.00	3.52	46.88	3.64	51.74	3.78
	71.6	22.34	2.93	27.20	3.07	32.05	3.22	36.91	3.36	42.74	3.53	46.62	3.65	51.48	3.80
	75.2	21.75	2.96	26.60	3.10	31.46	3.25	36.32	3.39	42.14	3.57	46.03	3.68	50.88	3.83

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CTXS07L + CTXS07L + CDXS24L	60.8	23.45	2.46	28.17	2.59	32.89	2.71	37.61	2.84	43.27	2.99	47.05	3.09	51.77	3.22
	64.4	22.87	2.49	27.59	2.61	32.31	2.74	37.03	2.87	42.70	3.02	46.47	3.12	51.19	3.24
	68.0	22.30	2.52	27.02	2.64	31.74	2.77	36.46	2.89	42.12	3.04	45.90	3.15	50.62	3.27
	70.0	21.98	2.53	26.70	2.66	31.42	2.78	36.14	2.91	41.80	3.06	45.58	3.16	50.30	3.29
	71.6	21.72	2.54	26.44	2.67	31.16	2.80	35.88	2.92	41.54	3.07	45.32	3.17	50.04	3.30
	75.2	21.14	2.57	25.86	2.70	30.58	2.82	35.30	2.95	40.97	3.10	44.74	3.20	49.46	3.33
CTXS07L + CTXS07L + FTXS09L + FTXS09L	60.8	22.72	2.22	27.29	2.33	31.87	2.45	36.44	2.56	41.93	2.70	45.59	2.79	50.16	2.90
	64.4	22.16	2.24	26.74	2.36	31.31	2.47	35.88	2.58	41.37	2.72	45.03	2.81	49.60	2.93
	68.0	21.60	2.27	26.18	2.38	30.75	2.50	35.32	2.61	40.81	2.75	44.47	2.84	49.04	2.95
	70.0	21.29	2.28	25.87	2.40	30.44	2.51	35.01	2.62	40.50	2.76	44.16	2.85	48.73	2.96
	71.6	21.04	2.29	25.62	2.41	30.19	2.52	34.76	2.63	40.25	2.77	43.91	2.86	48.48	2.98
	75.2	20.48	2.32	25.06	2.43	29.63	2.55	34.20	2.66	39.69	2.80	43.35	2.89	47.92	3.00
CTXS07L + CTXS07L + FTXS09L + FDXS09L	60.8	21.99	2.03	26.42	2.13	30.85	2.23	35.27	2.34	40.58	2.46	44.12	2.54	48.55	2.65
	64.4	21.45	2.05	25.88	2.15	30.30	2.26	34.73	2.36	40.04	2.48	43.58	2.57	48.01	2.67
	68.0	20.91	2.07	25.34	2.18	29.76	2.28	34.19	2.38	39.50	2.51	43.04	2.59	47.47	2.69
	70.0	20.61	2.08	25.04	2.19	29.46	2.29	33.89	2.40	39.20	2.52	42.74	2.60	47.17	2.71
	71.6	20.37	2.09	24.79	2.20	29.22	2.30	33.65	2.41	38.96	2.53	42.50	2.61	46.93	2.72
	75.2	19.83	2.12	24.25	2.22	28.68	2.32	33.11	2.43	38.42	2.55	41.96	2.64	46.39	2.74
CTXS07L + CTXS07L + FDXS09L + FDXS09L	60.8	21.26	1.91	25.54	2.01	29.82	2.11	34.10	2.21	39.24	2.33	42.66	2.40	46.94	2.50
	64.4	20.74	1.94	25.02	2.03	29.30	2.13	33.58	2.23	38.71	2.35	42.14	2.43	46.42	2.52
	68.0	20.22	1.96	24.50	2.05	28.78	2.15	33.06	2.25	38.19	2.37	41.61	2.45	45.89	2.54
	70.0	19.93	1.97	24.21	2.07	28.48	2.16	32.76	2.26	37.90	2.38	41.32	2.46	45.60	2.56
	71.6	19.69	1.98	23.97	2.08	28.25	2.17	32.53	2.27	37.67	2.39	41.09	2.47	45.37	2.57
	75.2	19.17	2.00	23.45	2.10	27.73	2.20	32.01	2.29	37.14	2.41	40.57	2.49	44.85	2.59
CTXS07L + CTXS07L + FTXS09L + FTXS12L	60.8	23.79	2.48	28.58	2.61	33.36	2.74	38.15	2.87	43.90	3.02	47.73	3.12	52.51	3.25
	64.4	23.20	2.51	27.99	2.64	32.78	2.77	37.57	2.89	43.31	3.05	47.14	3.15	51.93	3.28
	68.0	22.62	2.54	27.40	2.67	32.19	2.79	36.98	2.92	42.73	3.07	46.56	3.18	51.34	3.30
	70.0	22.29	2.56	27.08	2.68	31.87	2.81	36.65	2.94	42.40	3.09	46.23	3.19	51.02	3.32
	71.6	22.03	2.57	26.82	2.70	31.61	2.82	36.39	2.95	42.14	3.10	45.97	3.20	50.76	3.33
	75.2	21.45	2.60	26.23	2.72	31.02	2.85	35.81	2.98	41.55	3.13	45.38	3.23	50.17	3.36
CTXS07L + CTXS07L + FTXS09L + FDXS12L	60.8	23.06	2.21	27.70	2.32	32.34	2.44	36.98	2.55	42.55	2.69	46.26	2.78	50.90	2.89
	64.4	22.49	2.24	27.13	2.35	31.77	2.46	36.41	2.58	41.98	2.71	45.70	2.80	50.34	2.92
	68.0	21.92	2.26	26.56	2.37	31.21	2.49	35.85	2.60	41.42	2.74	45.13	2.83	49.77	2.94
	70.0	21.61	2.27	26.25	2.39	30.89	2.50	35.53	2.61	41.10	2.75	44.81	2.84	49.45	2.95
	71.6	21.36	2.29	26.00	2.40	30.64	2.51	35.28	2.63	40.85	2.76	44.56	2.85	49.20	2.96
	75.2	20.79	2.31	25.43	2.42	30.07	2.54	34.71	2.65	40.28	2.79	43.99	2.88	48.63	2.99
CTXS07L + CTXS07L + FDXS09L + FTXS12L	60.8	23.06	2.24	27.70	2.35	32.34	2.46	36.98	2.58	42.55	2.72	46.26	2.81	50.90	2.92
	64.4	22.49	2.26	27.13	2.37	31.77	2.49	36.41	2.60	41.98	2.74	45.70	2.83	50.34	2.95
	68.0	21.92	2.29	26.56	2.40	31.21	2.51	35.85	2.63	41.42	2.77	45.13	2.86	49.77	2.97
	70.0	21.61	2.30	26.25	2.41	30.89	2.53	35.53	2.64	41.10	2.78	44.81	2.87	49.45	2.99
	71.6	21.36	2.31	26.00	2.42	30.64	2.54	35.28	2.65	40.85	2.79	44.56	2.88	49.20	3.00
	75.2	20.79	2.34	25.43	2.45	30.07	2.56	34.71	2.68	40.28	2.82	43.99	2.91	48.63	3.02
CTXS07L + CTXS07L + FDXS09L + FDXS12L	60.8	22.39	2.10	26.89	2.21	31.40	2.31	35.90	2.42	41.31	2.55	44.91	2.64	49.42	2.74
	64.4	21.83	2.12	26.34	2.23	30.85	2.34	35.35	2.44	40.76	2.57	44.36	2.66	48.87	2.77
	68.0	21.28	2.15	25.79	2.25	30.29	2.36	34.80	2.47	40.21	2.60	43.81	2.68	48.32	2.79
	70.0	20.98	2.16	25.48	2.27	29.99	2.37	34.49	2.48	39.90	2.61	43.50	2.70	48.01	2.80
	71.6	20.73	2.17	25.24	2.28	29.74	2.38	34.25	2.49	39.66	2.62	43.26	2.71	47.76	2.81
	75.2	20.18	2.19	24.69	2.30	29.19	2.41	33.70	2.51	39.10	2.64	42.71	2.73	47.21	2.84

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CTXS07L + FTXS09L + FTXS15L	60.8	24.12	2.83	28.98	2.98	33.84	3.12	38.69	3.27	44.52	3.44	48.40	3.55	53.26	3.70
	64.4	23.53	2.86	28.39	3.01	33.24	3.15	38.10	3.30	43.92	3.47	47.81	3.59	52.66	3.73
	68.0	22.94	2.89	27.79	3.04	32.65	3.18	37.50	3.33	43.33	3.50	47.21	3.62	52.07	3.76
	70.0	22.61	2.91	27.46	3.06	32.32	3.20	37.17	3.35	43.00	3.52	46.88	3.64	51.74	3.78
	71.6	22.34	2.93	27.20	3.07	32.05	3.22	36.91	3.36	42.74	3.53	46.62	3.65	51.48	3.80
	75.2	21.75	2.96	26.60	3.10	31.46	3.25	36.32	3.39	42.14	3.57	46.03	3.68	50.88	3.83
CTXS07L + CTXS07L + FTXS09L + CDXS15L	60.8	23.45	2.48	28.17	2.61	32.89	2.74	37.61	2.87	43.27	3.02	47.05	3.12	51.77	3.25
	64.4	22.87	2.51	27.59	2.64	32.31	2.77	37.03	2.89	42.70	3.05	46.47	3.15	51.19	3.28
	68.0	22.30	2.54	27.02	2.67	31.74	2.79	36.46	2.92	42.12	3.07	45.90	3.18	50.62	3.30
	70.0	21.98	2.56	26.70	2.68	31.42	2.81	36.14	2.94	41.80	3.09	45.58	3.19	50.30	3.32
	71.6	21.72	2.57	26.44	2.70	31.16	2.82	35.88	2.95	41.54	3.10	45.32	3.20	50.04	3.33
	75.2	21.14	2.60	25.86	2.72	30.58	2.85	35.30	2.98	40.97	3.13	44.74	3.23	49.46	3.36
CTXS07L + CTXS07L + FDXS09L + FTXS15L	60.8	23.45	2.58	28.17	2.71	32.89	2.85	37.61	2.98	43.27	3.14	47.05	3.24	51.77	3.37
	64.4	22.87	2.61	27.59	2.74	32.31	2.87	37.03	3.01	42.70	3.17	46.47	3.27	51.19	3.40
	68.0	22.30	2.64	27.02	2.77	31.74	2.90	36.46	3.04	42.12	3.19	45.90	3.30	50.62	3.43
	70.0	21.98	2.65	26.70	2.79	31.42	2.92	36.14	3.05	41.80	3.21	45.58	3.32	50.30	3.45
	71.6	21.72	2.67	26.44	2.80	31.16	2.93	35.88	3.06	41.54	3.22	45.32	3.33	50.04	3.46
	75.2	21.14	2.70	25.86	2.83	30.58	2.96	35.30	3.09	40.97	3.25	44.74	3.36	49.46	3.49
CTXS07L + CTXS07L + FDXS09L + CDXS15L	60.8	22.72	2.25	27.29	2.37	31.87	2.48	36.44	2.60	41.93	2.74	45.59	2.83	50.16	2.94
	64.4	22.16	2.28	26.74	2.39	31.31	2.51	35.88	2.62	41.37	2.76	45.03	2.85	49.60	2.97
	68.0	21.60	2.30	26.18	2.42	30.75	2.53	35.32	2.65	40.81	2.79	44.47	2.88	49.04	2.99
	70.0	21.29	2.32	25.87	2.43	30.44	2.55	35.01	2.66	40.50	2.80	44.16	2.89	48.73	3.01
	71.6	21.04	2.33	25.62	2.44	30.19	2.56	34.76	2.67	40.25	2.81	43.91	2.90	48.48	3.02
	75.2	20.48	2.35	25.06	2.47	29.63	2.58	34.20	2.70	39.69	2.84	43.35	2.93	47.92	3.04
CTXS07L + CTXS07L + FTXS09L + FTXS18L	60.8	24.12	2.86	28.98	3.01	33.84	3.16	38.69	3.30	44.52	3.48	48.40	3.60	53.26	3.74
	64.4	23.53	2.89	28.39	3.04	33.24	3.19	38.10	3.33	43.92	3.51	47.81	3.63	52.66	3.77
	68.0	22.94	2.93	27.79	3.07	32.65	3.22	37.50	3.37	43.33	3.54	47.21	3.66	52.07	3.81
	70.0	22.61	2.94	27.46	3.09	32.32	3.24	37.17	3.38	43.00	3.56	46.88	3.68	51.74	3.82
	71.6	22.34	2.96	27.20	3.11	32.05	3.25	36.91	3.40	42.74	3.57	46.62	3.69	51.48	3.84
	75.2	21.75	2.99	26.60	3.14	31.46	3.28	36.32	3.43	42.14	3.61	46.03	3.72	50.88	3.87
CTXS07L + CTXS07L + FTXS09L + CDXS18L	60.8	23.45	2.48	28.17	2.60	32.89	2.73	37.61	2.86	43.27	3.01	47.05	3.11	51.77	3.24
	64.4	22.87	2.50	27.59	2.63	32.31	2.76	37.03	2.88	42.70	3.04	46.47	3.14	51.19	3.27
	68.0	22.30	2.53	27.02	2.66	31.74	2.79	36.46	2.91	42.12	3.06	45.90	3.17	50.62	3.29
	70.0	21.98	2.55	26.70	2.67	31.42	2.80	36.14	2.93	41.80	3.08	45.58	3.18	50.30	3.31
	71.6	21.72	2.56	26.44	2.69	31.16	2.81	35.88	2.94	41.54	3.09	45.32	3.19	50.04	3.32
	75.2	21.14	2.59	25.86	2.71	30.58	2.84	35.30	2.97	40.97	3.12	44.74	3.22	49.46	3.35
CTXS07L + CTXS07L + FDXS09L + FTXS18L	60.8	23.45	2.65	28.17	2.78	32.89	2.92	37.61	3.05	43.27	3.21	47.05	3.32	51.77	3.46
	64.4	22.87	2.67	27.59	2.81	32.31	2.95	37.03	3.08	42.70	3.24	46.47	3.35	51.19	3.49
	68.0	22.30	2.70	27.02	2.84	31.74	2.98	36.46	3.11	42.12	3.27	45.90	3.38	50.62	3.52
	70.0	21.98	2.72	26.70	2.86	31.42	2.99	36.14	3.13	41.80	3.29	45.58	3.40	50.30	3.53
	71.6	21.72	2.73	26.44	2.87	31.16	3.01	35.88	3.14	41.54	3.30	45.32	3.41	50.04	3.55
	75.2	21.14	2.76	25.86	2.90	30.58	3.03	35.30	3.17	40.97	3.33	44.74	3.44	49.46	3.58
CTXS07L + CTXS07L + FDXS09L + CDXS18L	60.8	22.72	2.28	27.29	2.40	31.87	2.52	36.44	2.63	41.93	2.77	45.59	2.87	50.16	2.99
	64.4	22.16	2.31	26.74	2.43	31.31	2.54	35.88	2.66	41.37	2.80	45.03	2.89	49.60	3.01
	68.0	21.60	2.33	26.18	2.45	30.75	2.57	35.32	2.69	40.81	2.83	44.47	2.92	49.04	3.04
	70.0	21.29	2.35	25.87	2.47	30.44	2.58	35.01	2.70	40.50	2.84	44.16	2.93	48.73	3.05
	71.6	21.04	2.36	25.62	2.48	30.19	2.59	34.76	2.71	40.25	2.85	43.91	2.94	48.48	3.06
	75.2	20.48	2.39	25.06	2.50	29.63	2.62	34.20	2.74	39.69	2.88	43.35	2.97	47.92	3.09

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CTXS07L + FTXS09L + FTXS24L	60.8	24.12	2.86	28.98	3.01	33.84	3.16	38.69	3.30	44.52	3.48	48.40	3.60	53.26	3.74
	64.4	23.53	2.89	28.39	3.04	33.24	3.19	38.10	3.33	43.92	3.51	47.81	3.63	52.66	3.77
	68.0	22.94	2.93	27.79	3.07	32.65	3.22	37.50	3.37	43.33	3.54	47.21	3.66	52.07	3.81
	70.0	22.61	2.94	27.46	3.09	32.32	3.24	37.17	3.38	43.00	3.56	46.88	3.68	51.74	3.82
	71.6	22.34	2.96	27.20	3.11	32.05	3.25	36.91	3.40	42.74	3.57	46.62	3.69	51.48	3.84
	75.2	21.75	2.99	26.60	3.14	31.46	3.28	36.32	3.43	42.14	3.61	46.03	3.72	50.88	3.87
CTXS07L + CTXS07L + FTXS09L + CDXS24L	60.8	23.45	2.49	28.17	2.62	32.89	2.75	37.61	2.88	43.27	3.03	47.05	3.13	51.77	3.26
	64.4	22.87	2.52	27.59	2.65	32.31	2.78	37.03	2.90	42.70	3.06	46.47	3.16	51.19	3.29
	68.0	22.30	2.55	27.02	2.68	31.74	2.80	36.46	2.93	42.12	3.08	45.90	3.19	50.62	3.31
	70.0	21.98	2.56	26.70	2.69	31.42	2.82	36.14	2.95	41.80	3.10	45.58	3.20	50.30	3.33
	71.6	21.72	2.58	26.44	2.70	31.16	2.83	35.88	2.96	41.54	3.11	45.32	3.21	50.04	3.34
	75.2	21.14	2.60	25.86	2.73	30.58	2.86	35.30	2.99	40.97	3.14	44.74	3.24	49.46	3.37
CTXS07L + CTXS07L + FDXS09L + FTXS24L	60.8	23.45	2.77	28.17	2.92	32.89	3.06	37.61	3.20	43.27	3.37	47.05	3.48	51.77	3.63
	64.4	22.87	2.80	27.59	2.95	32.31	3.09	37.03	3.23	42.70	3.40	46.47	3.52	51.19	3.66
	68.0	22.30	2.84	27.02	2.98	31.74	3.12	36.46	3.26	42.12	3.43	45.90	3.55	50.62	3.69
	70.0	21.98	2.85	26.70	3.00	31.42	3.14	36.14	3.28	41.80	3.45	45.58	3.56	50.30	3.71
	71.6	21.72	2.87	26.44	3.01	31.16	3.15	35.88	3.29	41.54	3.46	45.32	3.58	50.04	3.72
	75.2	21.14	2.90	25.86	3.04	30.58	3.18	35.30	3.32	40.97	3.49	44.74	3.61	49.46	3.75
CTXS07L + CTXS07L + FDXS09L + CDXS24L	60.8	22.72	2.29	27.29	2.41	31.87	2.53	36.44	2.64	41.93	2.78	45.59	2.88	50.16	3.00
	64.4	22.16	2.32	26.74	2.43	31.31	2.55	35.88	2.67	41.37	2.81	45.03	2.90	49.60	3.02
	68.0	21.60	2.34	26.18	2.46	30.75	2.58	35.32	2.69	40.81	2.84	44.47	2.93	49.04	3.05
	70.0	21.29	2.36	25.87	2.47	30.44	2.59	35.01	2.71	40.50	2.85	44.16	2.94	48.73	3.06
	71.6	21.04	2.37	25.62	2.49	30.19	2.60	34.76	2.72	40.25	2.86	43.91	2.96	48.48	3.07
	75.2	20.48	2.39	25.06	2.51	29.63	2.63	34.20	2.75	39.69	2.89	43.35	2.98	47.92	3.10
CTXS07L + CTXS07L + FTXS12L + FTXS12L	60.8	24.12	2.60	28.98	2.73	33.84	2.86	38.69	3.00	44.52	3.16	48.40	3.26	53.26	3.40
	64.4	23.53	2.63	28.39	2.76	33.24	2.89	38.10	3.03	43.92	3.18	47.81	3.29	52.66	3.42
	68.0	22.94	2.66	27.79	2.79	32.65	2.92	37.50	3.05	43.33	3.21	47.21	3.32	52.07	3.45
	70.0	22.61	2.67	27.46	2.80	32.32	2.94	37.17	3.07	43.00	3.23	46.88	3.34	51.74	3.47
	71.6	22.34	2.68	27.20	2.82	32.05	2.95	36.91	3.08	42.74	3.24	46.62	3.35	51.48	3.48
	75.2	21.75	2.71	26.60	2.85	31.46	2.98	36.32	3.11	42.14	3.27	46.03	3.38	50.88	3.51
CTXS07L + CTXS07L + FTXS12L + FDXS12L	60.8	23.45	2.31	28.17	2.43	32.89	2.54	37.61	2.66	43.27	2.80	47.05	2.90	51.77	3.02
	64.4	22.87	2.33	27.59	2.45	32.31	2.57	37.03	2.69	42.70	2.83	46.47	2.92	51.19	3.04
	68.0	22.30	2.36	27.02	2.48	31.74	2.60	36.46	2.71	42.12	2.86	45.90	2.95	50.62	3.07
	70.0	21.98	2.37	26.70	2.49	31.42	2.61	36.14	2.73	41.80	2.87	45.58	2.96	50.30	3.08
	71.6	21.72	2.39	26.44	2.50	31.16	2.62	35.88	2.74	41.54	2.88	45.32	2.98	50.04	3.09
	75.2	21.14	2.41	25.86	2.53	30.58	2.65	35.30	2.77	40.97	2.91	44.74	3.00	49.46	3.12
CTXS07L + CTXS07L + FDXS12L + FDXS12L	60.8	22.72	2.14	27.29	2.25	31.87	2.36	36.44	2.47	41.93	2.60	45.59	2.69	50.16	2.80
	64.4	22.16	2.16	26.74	2.27	31.31	2.38	35.88	2.49	41.37	2.62	45.03	2.71	49.60	2.82
	68.0	21.60	2.19	26.18	2.30	30.75	2.41	35.32	2.52	40.81	2.65	44.47	2.73	49.04	2.84
	70.0	21.29	2.20	25.87	2.31	30.44	2.42	35.01	2.53	40.50	2.66	44.16	2.75	48.73	2.86
	71.6	21.04	2.21	25.62	2.32	30.19	2.43	34.76	2.54	40.25	2.67	43.91	2.76	48.48	2.87
	75.2	20.48	2.23	25.06	2.34	29.63	2.45	34.20	2.56	39.69	2.69	43.35	2.78	47.92	2.89
CTXS07L + CTXS07L + FTXS12L + FTXS15L	60.8	24.12	2.85	28.98	3.00	33.84	3.15	38.69	3.29	44.52	3.47	48.40	3.59	53.26	3.73
	64.4	23.53	2.89	28.39	3.03	33.24	3.18	38.10	3.32	43.92	3.50	47.81	3.62	52.66	3.76
	68.0	22.94	2.92	27.79	3.06	32.65	3.21	37.50	3.36	43.33	3.53	47.21	3.65	52.07	3.80
	70.0	22.61	2.94	27.46	3.08	32.32	3.23	37.17	3.37	43.00	3.55	46.88	3.67	51.74	3.81
	71.6	22.34	2.95	27.20	3.10	32.05	3.24	36.91	3.39	42.74	3.56	46.62	3.68	51.48	3.83
	75.2	21.75	2.98	26.60	3.13	31.46	3.27	36.32	3.42	42.14	3.60	46.03	3.71	50.88	3.86

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CTXS07L + FTXS12L + CDXS15L	60.8	23.45	2.52	28.17	2.65	32.89	2.77	37.61	2.90	43.27	3.06	47.05	3.16	51.77	3.29
	64.4	22.87	2.54	27.59	2.67	32.31	2.80	37.03	2.93	42.70	3.09	46.47	3.19	51.19	3.32
	68.0	22.30	2.57	27.02	2.70	31.74	2.83	36.46	2.96	42.12	3.11	45.90	3.22	50.62	3.35
	70.0	21.98	2.59	26.70	2.72	31.42	2.85	36.14	2.98	41.80	3.13	45.58	3.23	50.30	3.36
	71.6	21.72	2.60	26.44	2.73	31.16	2.86	35.88	2.99	41.54	3.14	45.32	3.25	50.04	3.37
	75.2	21.14	2.63	25.86	2.76	30.58	2.89	35.30	3.02	40.97	3.17	44.74	3.27	49.46	3.40
CTXS07L + CTXS07L + FDXS12L + FTXS15L	60.8	23.45	2.58	28.17	2.71	32.89	2.85	37.61	2.98	43.27	3.14	47.05	3.24	51.77	3.37
	64.4	22.87	2.61	27.59	2.74	32.31	2.87	37.03	3.01	42.70	3.17	46.47	3.27	51.19	3.40
	68.0	22.30	2.64	27.02	2.77	31.74	2.90	36.46	3.04	42.12	3.19	45.90	3.30	50.62	3.43
	70.0	21.98	2.65	26.70	2.79	31.42	2.92	36.14	3.05	41.80	3.21	45.58	3.32	50.30	3.45
	71.6	21.72	2.67	26.44	2.80	31.16	2.93	35.88	3.06	41.54	3.22	45.32	3.33	50.04	3.46
	75.2	21.14	2.70	25.86	2.83	30.58	2.96	35.30	3.09	40.97	3.25	44.74	3.36	49.46	3.49
CTXS07L + CTXS07L + FDXS12L + CDXS15L	60.8	22.72	2.29	27.29	2.41	31.87	2.53	36.44	2.64	41.93	2.78	45.59	2.88	50.16	3.00
	64.4	22.16	2.32	26.74	2.43	31.31	2.55	35.88	2.67	41.37	2.81	45.03	2.90	49.60	3.02
	68.0	21.60	2.34	26.18	2.46	30.75	2.58	35.32	2.69	40.81	2.84	44.47	2.93	49.04	3.05
	70.0	21.29	2.36	25.87	2.47	30.44	2.59	35.01	2.71	40.50	2.85	44.16	2.94	48.73	3.06
	71.6	21.04	2.37	25.62	2.49	30.19	2.60	34.76	2.72	40.25	2.86	43.91	2.96	48.48	3.07
	75.2	20.48	2.39	25.06	2.51	29.63	2.63	34.20	2.75	39.69	2.89	43.35	2.98	47.92	3.10
CTXS07L + CTXS07L + FTXS12L + FTXS18L	60.8	24.12	2.85	28.98	2.99	33.84	3.14	38.69	3.28	44.52	3.46	48.40	3.58	53.26	3.72
	64.4	23.53	2.88	28.39	3.02	33.24	3.17	38.10	3.32	43.92	3.49	47.81	3.61	52.66	3.75
	68.0	22.94	2.91	27.79	3.06	32.65	3.20	37.50	3.35	43.33	3.52	47.21	3.64	52.07	3.78
	70.0	22.61	2.93	27.46	3.07	32.32	3.22	37.17	3.37	43.00	3.54	46.88	3.66	51.74	3.80
	71.6	22.34	2.94	27.20	3.09	32.05	3.23	36.91	3.38	42.74	3.55	46.62	3.67	51.48	3.82
	75.2	21.75	2.97	26.60	3.12	31.46	3.27	36.32	3.41	42.14	3.59	46.03	3.70	50.88	3.85
CTXS07L + CTXS07L + FTXS12L + CDXS18L	60.8	23.45	2.51	28.17	2.64	32.89	2.77	37.61	2.89	43.27	3.05	47.05	3.15	51.77	3.28
	64.4	22.87	2.54	27.59	2.67	32.31	2.79	37.03	2.92	42.70	3.08	46.47	3.18	51.19	3.31
	68.0	22.30	2.56	27.02	2.69	31.74	2.82	36.46	2.95	42.12	3.10	45.90	3.21	50.62	3.34
	70.0	21.98	2.58	26.70	2.71	31.42	2.84	36.14	2.97	41.80	3.12	45.58	3.22	50.30	3.35
	71.6	21.72	2.59	26.44	2.72	31.16	2.85	35.88	2.98	41.54	3.13	45.32	3.24	50.04	3.36
	75.2	21.14	2.62	25.86	2.75	30.58	2.88	35.30	3.01	40.97	3.16	44.74	3.26	49.46	3.39
CTXS07L + CTXS07L + FDXS12L + FTXS18L	60.8	23.45	2.65	28.17	2.78	32.89	2.92	37.61	3.05	43.27	3.21	47.05	3.32	51.77	3.46
	64.4	22.87	2.67	27.59	2.81	32.31	2.95	37.03	3.08	42.70	3.24	46.47	3.35	51.19	3.49
	68.0	22.30	2.70	27.02	2.84	31.74	2.98	36.46	3.11	42.12	3.27	45.90	3.38	50.62	3.52
	70.0	21.98	2.72	26.70	2.86	31.42	2.99	36.14	3.13	41.80	3.29	45.58	3.40	50.30	3.53
	71.6	21.72	2.73	26.44	2.87	31.16	3.01	35.88	3.14	41.54	3.30	45.32	3.41	50.04	3.55
	75.2	21.14	2.76	25.86	2.90	30.58	3.03	35.30	3.17	40.97	3.33	44.74	3.44	49.46	3.58
CTXS07L + CTXS07L + FDXS12L + CDXS18L	60.8	22.72	2.28	27.29	2.40	31.87	2.52	36.44	2.63	41.93	2.77	45.59	2.87	50.16	2.99
	64.4	22.16	2.31	26.74	2.43	31.31	2.54	35.88	2.66	41.37	2.80	45.03	2.89	49.60	3.01
	68.0	21.60	2.33	26.18	2.45	30.75	2.57	35.32	2.69	40.81	2.83	44.47	2.92	49.04	3.04
	70.0	21.29	2.35	25.87	2.47	30.44	2.58	35.01	2.70	40.50	2.84	44.16	2.93	48.73	3.05
	71.6	21.04	2.36	25.62	2.48	30.19	2.59	34.76	2.71	40.25	2.85	43.91	2.94	48.48	3.06
	75.2	20.48	2.39	25.06	2.50	29.63	2.62	34.20	2.74	39.69	2.88	43.35	2.97	47.92	3.09
CTXS07L + CTXS07L + FTXS15L + FTXS15L	60.8	23.39	2.40	28.10	2.53	32.81	2.65	37.52	2.77	43.17	2.92	46.94	3.02	51.65	3.14
	64.4	22.82	2.43	27.53	2.55	32.24	2.68	36.95	2.80	42.60	2.95	46.36	3.05	51.07	3.17
	68.0	22.24	2.46	26.95	2.58	31.66	2.70	36.37	2.83	42.02	2.98	45.79	3.07	50.50	3.20
	70.0	21.92	2.47	26.63	2.60	31.34	2.72	36.05	2.84	43.00	3.65	45.47	3.09	50.18	3.21
	71.6	21.67	2.48	26.38	2.61	31.08	2.73	35.79	2.85	41.44	3.00	45.21	3.10	49.92	3.22
	75.2	21.09	2.51	25.80	2.63	30.51	2.76	35.22	2.88	40.87	3.03	44.64	3.13	49.34	3.25

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + CTXS07L + FTXS15L + CDXS15L	60.8	23.45	2.86	28.17	3.01	32.89	3.16	37.61	3.30	43.27	3.48	47.05	3.60	51.77	3.74
	64.4	22.87	2.89	27.59	3.04	32.31	3.19	37.03	3.33	42.70	3.51	46.47	3.63	51.19	3.77
	68.0	22.30	2.93	27.02	3.07	31.74	3.22	36.46	3.37	42.12	3.54	45.90	3.66	50.62	3.81
	70.0	21.98	2.94	26.70	3.09	31.42	3.24	36.14	3.38	41.80	3.56	45.58	3.68	50.30	3.82
	71.6	21.72	2.96	26.44	3.11	31.16	3.25	35.88	3.40	41.54	3.57	45.32	3.69	50.04	3.84
	75.2	21.14	2.99	25.86	3.14	30.58	3.28	35.30	3.43	40.97	3.61	44.74	3.72	49.46	3.87
CTXS07L + CTXS07L + CDXS15L + CDXS15L	60.8	22.72	2.44	27.29	2.57	31.87	2.69	36.44	2.82	41.93	2.97	45.59	3.07	50.16	3.20
	64.4	22.16	2.47	26.74	2.60	31.31	2.72	35.88	2.85	41.37	3.00	45.03	3.10	49.60	3.22
	68.0	21.60	2.50	26.18	2.62	30.75	2.75	35.32	2.87	40.81	3.02	44.47	3.12	49.04	3.25
	70.0	21.29	2.51	25.87	2.64	30.44	2.76	35.01	2.89	40.50	3.04	44.16	3.14	48.73	3.27
	71.6	21.04	2.53	25.62	2.65	30.19	2.78	34.76	2.90	40.25	3.05	43.91	3.15	48.48	3.28
	75.2	20.48	2.55	25.06	2.68	29.63	2.80	34.20	2.93	39.69	3.08	43.35	3.18	47.92	3.30
CTXS07L + CTXS07L + FTXS15L + FTXS18L	60.8	24.12	2.97	28.98	3.13	33.84	3.28	38.69	3.43	44.52	3.61	48.40	3.74	53.26	3.89
	64.4	23.53	3.01	28.39	3.16	33.24	3.31	38.10	3.47	43.92	3.65	47.81	3.77	52.66	3.92
	68.0	22.94	3.04	27.79	3.19	32.65	3.35	37.50	3.50	43.33	3.68	47.21	3.80	52.07	3.96
	70.0	22.61	3.06	27.46	3.21	32.32	3.36	37.17	3.52	43.00	3.70	46.88	3.82	51.74	3.97
	71.6	22.34	3.07	27.20	3.23	32.05	3.38	36.91	3.53	42.74	3.71	46.62	3.84	51.40	3.97
	75.2	21.75	3.11	26.60	3.26	31.46	3.41	36.32	3.57	42.14	3.75	46.03	3.87	50.64	3.97
CTXS07L + CTXS07L + FTXS15L + CDXS18L	60.8	23.45	2.85	28.17	3.00	32.89	3.15	37.61	3.29	43.27	3.47	47.05	3.59	51.77	3.73
	64.4	22.87	2.89	27.59	3.03	32.31	3.18	37.03	3.32	42.70	3.50	46.47	3.62	51.19	3.76
	68.0	22.30	2.92	27.02	3.06	31.74	3.21	36.46	3.36	42.12	3.53	45.90	3.65	50.62	3.80
	70.0	21.98	2.94	26.70	3.08	31.42	3.23	36.14	3.37	41.80	3.55	45.58	3.67	50.30	3.81
	71.6	21.72	2.95	26.44	3.10	31.16	3.24	35.88	3.39	41.54	3.56	45.32	3.68	50.04	3.83
	75.2	21.14	2.98	25.86	3.13	30.58	3.27	35.30	3.42	40.97	3.60	44.74	3.71	49.46	3.86
CTXS07L + CTXS07L + CDXS15L + FTXS18L	60.8	23.45	2.85	28.17	3.00	32.89	3.15	37.61	3.29	43.27	3.47	47.05	3.59	51.77	3.73
	64.4	22.87	2.89	27.59	3.03	32.31	3.18	37.03	3.32	42.70	3.50	46.47	3.62	51.19	3.76
	68.0	22.30	2.92	27.02	3.06	31.74	3.21	36.46	3.36	42.12	3.53	45.90	3.65	50.62	3.80
	70.0	21.98	2.94	26.70	3.08	31.42	3.23	36.14	3.37	41.80	3.55	45.58	3.67	50.30	3.81
	71.6	21.72	2.95	26.44	3.10	31.16	3.24	35.88	3.39	41.54	3.56	45.32	3.68	50.04	3.83
	75.2	21.14	2.98	25.86	3.13	30.58	3.27	35.30	3.42	40.97	3.60	44.74	3.71	49.46	3.86
CTXS07L + CTXS07L + CDXS15L + CDXS18L	60.8	22.72	2.44	27.29	2.56	31.87	2.69	36.44	2.81	41.93	2.96	45.59	3.06	50.16	3.18
	64.4	22.16	2.46	26.74	2.59	31.31	2.71	35.88	2.84	41.37	2.99	45.03	3.09	49.60	3.21
	68.0	21.60	2.49	26.18	2.62	30.75	2.74	35.32	2.87	40.81	3.01	44.47	3.11	49.04	3.24
	70.0	21.29	2.51	25.87	2.63	30.44	2.76	35.01	2.88	40.50	3.03	44.16	3.13	48.73	3.25
	71.6	21.04	2.52	25.62	2.64	30.19	2.77	34.76	2.89	40.25	3.04	43.91	3.14	48.48	3.27
	75.2	20.48	2.55	25.06	2.67	29.63	2.79	34.20	2.92	39.69	3.07	43.35	3.17	47.92	3.29
CTXS07L + FTXS09L + FTXS09L + FTXS09L	60.8	23.39	2.40	28.10	2.53	32.81	2.65	37.52	2.77	43.17	2.92	46.94	3.02	51.65	3.14
	64.4	22.82	2.43	27.53	2.55	32.24	2.68	36.95	2.80	42.60	2.95	46.36	3.05	51.07	3.17
	68.0	22.24	2.46	26.95	2.58	31.66	2.70	36.37	2.83	42.02	2.98	45.79	3.07	50.50	3.20
	70.0	21.92	2.47	26.63	2.60	31.34	2.72	36.05	2.84	41.70	2.99	45.47	3.09	50.18	3.21
	71.6	21.67	2.48	26.38	2.61	31.08	2.73	35.79	2.85	41.44	3.00	45.21	3.10	49.92	3.22
	75.2	21.09	2.51	25.80	2.63	30.51	2.76	35.22	2.88	40.87	3.03	44.64	3.13	49.34	3.25
CTXS07L + FTXS09L + FTXS09L + FDXS09L	60.8	22.72	2.12	27.29	2.23	31.87	2.34	36.44	2.45	41.93	2.58	45.59	2.67	50.16	2.77
	64.4	22.16	2.15	26.74	2.26	31.31	2.36	35.88	2.47	41.37	2.60	45.03	2.69	49.60	2.80
	68.0	21.60	2.17	26.18	2.28	30.75	2.39	35.32	2.50	40.81	2.63	44.47	2.71	49.04	2.82
	70.0	21.29	2.18	25.87	2.29	30.44	2.40	35.01	2.51	40.50	2.64	44.16	2.73	48.73	2.84
	71.6	21.04	2.19	25.62	2.30	30.19	2.41	34.76	2.52	40.25	2.65	43.91	2.74	48.48	2.85
	75.2	20.48	2.22	25.06	2.33	29.63	2.44	34.20	2.54	39.69	2.67	43.35	2.76	47.92	2.87

1

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS09L + FDXS09L + FDXS09L	60.8	21.99	2.03	26.42	2.13	30.85	2.23	35.27	2.34	40.58	2.46	44.12	2.54	48.55	2.65
	64.4	21.45	2.05	25.88	2.15	30.30	2.26	34.73	2.36	40.04	2.48	43.58	2.57	48.01	2.67
	68.0	20.91	2.07	25.34	2.18	29.76	2.28	34.19	2.38	39.50	2.51	43.04	2.59	47.47	2.69
	70.0	20.61	2.08	25.04	2.19	29.46	2.29	33.89	2.40	39.20	2.52	42.74	2.60	47.17	2.71
	71.6	20.37	2.09	24.79	2.20	29.22	2.30	33.65	2.41	38.96	2.53	42.50	2.61	46.93	2.72
	75.2	19.83	2.12	24.25	2.22	28.68	2.32	33.11	2.43	38.42	2.55	41.96	2.64	46.39	2.74
CTXS07L + FTXS09L + FDXS09L + FDXS09L	60.8	21.32	1.95	25.61	2.05	29.90	2.15	34.19	2.24	39.34	2.36	42.77	2.44	47.06	2.54
	64.4	20.79	1.97	25.09	2.07	29.38	2.17	33.67	2.27	38.82	2.39	42.25	2.47	46.54	2.57
	68.0	20.27	1.99	24.56	2.09	28.85	2.19	33.14	2.29	38.29	2.41	41.72	2.49	46.02	2.59
	70.0	19.98	2.00	24.27	2.10	28.56	2.20	32.85	2.30	38.00	2.42	41.43	2.50	45.72	2.60
	71.6	19.75	2.01	24.04	2.11	28.33	2.21	32.62	2.31	37.77	2.43	41.20	2.51	45.49	2.61
	75.2	19.22	2.03	23.51	2.13	27.80	2.23	32.09	2.33	37.24	2.45	40.67	2.53	44.97	2.63
CTXS07L + FTXS09L + FTXS09L + FTXS12L	60.8	24.12	2.61	28.98	2.74	33.84	2.87	38.69	3.01	44.52	3.17	48.40	3.27	53.26	3.41
	64.4	23.53	2.63	28.39	2.77	33.24	2.90	38.10	3.03	43.92	3.19	47.81	3.30	52.66	3.43
	68.0	22.94	2.66	27.79	2.80	32.65	2.93	37.50	3.06	43.33	3.22	47.21	3.33	52.07	3.46
	70.0	22.61	2.68	27.46	2.81	32.32	2.95	37.17	3.08	43.00	3.24	46.88	3.35	51.74	3.48
	71.6	22.34	2.69	27.20	2.83	32.05	2.96	36.91	3.09	42.74	3.25	46.62	3.36	51.48	3.49
	75.2	21.75	2.72	26.60	2.86	31.46	2.99	36.32	3.12	42.14	3.28	46.03	3.39	50.88	3.52
CTXS07L + FTXS09L + FTXS09L + FDXS12L	60.8	23.45	2.32	28.17	2.43	32.89	2.55	37.61	2.67	43.27	2.81	47.05	2.91	51.77	3.03
	64.4	22.87	2.34	27.59	2.46	32.31	2.58	37.03	2.70	42.70	2.84	46.47	2.93	51.19	3.05
	68.0	22.30	2.37	27.02	2.49	31.74	2.60	36.46	2.72	42.12	2.87	45.90	2.96	50.62	3.08
	70.0	21.98	2.38	26.70	2.50	31.42	2.62	36.14	2.74	41.80	2.88	45.58	2.97	50.30	3.09
	71.6	21.72	2.39	26.44	2.51	31.16	2.63	35.88	2.75	41.54	2.89	45.32	2.99	50.04	3.11
	75.2	21.14	2.42	25.86	2.54	30.58	2.66	35.30	2.78	40.97	2.92	44.74	3.01	49.46	3.13
CTXS07L + FTXS09L + FDXS09L + FTXS12L	60.8	23.45	2.34	28.17	2.46	32.89	2.58	37.61	2.70	43.27	2.84	47.05	2.94	51.77	3.06
	64.4	22.87	2.37	27.59	2.49	32.31	2.61	37.03	2.73	42.70	2.87	46.47	2.97	51.19	3.08
	68.0	22.30	2.39	27.02	2.51	31.74	2.63	36.46	2.75	42.12	2.90	45.90	2.99	50.62	3.11
	70.0	21.98	2.41	26.70	2.53	31.42	2.65	36.14	2.77	41.80	2.91	45.58	3.01	50.30	3.13
	71.6	21.72	2.42	26.44	2.54	31.16	2.66	35.88	2.78	41.54	2.92	45.32	3.02	50.04	3.14
	75.2	21.14	2.44	25.86	2.56	30.58	2.68	35.30	2.80	40.97	2.95	44.74	3.04	49.46	3.16
CTXS07L + FTXS09L + FDXS09L + FDXS12L	60.8	22.72	2.15	27.29	2.26	31.87	2.37	36.44	2.48	41.93	2.61	45.59	2.70	50.16	2.81
	64.4	22.16	2.17	26.74	2.28	31.31	2.39	35.88	2.50	41.37	2.63	45.03	2.72	49.60	2.83
	68.0	21.60	2.19	26.18	2.30	30.75	2.41	35.32	2.52	40.81	2.66	44.47	2.74	49.04	2.85
	70.0	21.29	2.21	25.87	2.32	30.44	2.43	35.01	2.54	40.50	2.67	44.16	2.76	48.73	2.87
	71.6	21.04	2.22	25.62	2.33	30.19	2.44	34.76	2.55	40.25	2.68	43.91	2.77	48.48	2.88
	75.2	20.48	2.24	25.06	2.35	29.63	2.46	34.20	2.57	39.69	2.70	43.35	2.79	47.92	2.90
CTXS07L + FDXS09L + FDXS09L + FTXS12L	60.8	22.72	2.15	27.29	2.27	31.87	2.38	36.44	2.49	41.93	2.62	45.59	2.71	50.16	2.82
	64.4	22.16	2.18	26.74	2.29	31.31	2.40	35.88	2.51	41.37	2.64	45.03	2.73	49.60	2.84
	68.0	21.60	2.20	26.18	2.31	30.75	2.42	35.32	2.53	40.81	2.67	44.47	2.75	49.04	2.87
	70.0	21.29	2.22	25.87	2.33	30.44	2.44	35.01	2.55	40.50	2.68	44.16	2.77	48.73	2.88
	71.6	21.04	2.23	25.62	2.34	30.19	2.45	34.76	2.56	40.25	2.69	43.91	2.78	48.48	2.89
	75.2	20.48	2.25	25.06	2.36	29.63	2.47	34.20	2.58	39.69	2.71	43.35	2.80	47.92	2.91
CTXS07L + FDXS09L + FDXS09L + FDXS12L	60.8	22.05	2.06	26.49	2.16	30.92	2.27	35.36	2.37	40.69	2.50	44.24	2.59	48.67	2.69
	64.4	21.51	2.08	25.94	2.19	30.38	2.29	34.82	2.40	40.14	2.52	43.69	2.61	48.13	2.71
	68.0	20.96	2.10	25.40	2.21	29.84	2.32	34.28	2.42	39.60	2.55	43.15	2.63	47.59	2.74
	70.0	20.66	2.12	25.10	2.22	29.54	2.33	33.97	2.43	39.30	2.56	42.85	2.64	47.29	2.75
	71.6	20.42	2.13	24.86	2.23	29.30	2.34	33.73	2.44	39.06	2.57	42.61	2.65	47.05	2.76
	75.2	19.88	2.15	24.32	2.26	28.75	2.36	33.19	2.47	38.52	2.59	42.07	2.68	46.50	2.78

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS09L + FTXS09L + FTXS15L	60.8	24.12	2.86	28.98	3.01	33.84	3.16	38.69	3.30	44.52	3.48	48.40	3.60	53.26	3.74
	64.4	23.53	2.89	28.39	3.04	33.24	3.19	38.10	3.33	43.92	3.51	47.81	3.63	52.66	3.77
	68.0	22.94	2.93	27.79	3.07	32.65	3.22	37.50	3.37	43.33	3.54	47.21	3.66	52.07	3.81
	70.0	22.61	2.94	27.46	3.09	32.32	3.24	37.17	3.38	43.00	3.56	46.88	3.68	51.74	3.82
	71.6	22.34	2.96	27.20	3.11	32.05	3.25	36.91	3.40	42.74	3.57	46.62	3.69	51.48	3.84
	75.2	21.75	2.99	26.60	3.14	31.46	3.28	36.32	3.43	42.14	3.61	46.03	3.72	50.88	3.87
CTXS07L + FTXS09L + FTXS09L + CDXS15L	60.8	23.45	2.52	28.17	2.65	32.89	2.77	37.61	2.90	43.27	3.06	47.05	3.16	51.77	3.29
	64.4	22.87	2.54	27.59	2.67	32.31	2.80	37.03	2.93	42.70	3.09	46.47	3.19	51.19	3.32
	68.0	22.30	2.57	27.02	2.70	31.74	2.83	36.46	2.96	42.12	3.11	45.90	3.22	50.62	3.35
	70.0	21.98	2.59	26.70	2.72	31.42	2.85	36.14	2.98	41.80	3.13	45.58	3.23	50.30	3.36
	71.6	21.72	2.60	26.44	2.73	31.16	2.86	35.88	2.99	41.54	3.14	45.32	3.25	50.04	3.37
	75.2	21.14	2.63	25.86	2.76	30.58	2.89	35.30	3.02	40.97	3.17	44.74	3.27	49.46	3.40
CTXS07L + FTXS09L + FTXS09L + FTXS15L	60.8	23.45	2.68	28.17	2.81	32.89	2.95	37.61	3.09	43.27	3.25	47.05	3.36	51.77	3.50
	64.4	22.87	2.71	27.59	2.84	32.31	2.98	37.03	3.12	42.70	3.28	46.47	3.39	51.19	3.53
	68.0	22.30	2.74	27.02	2.87	31.74	3.01	36.46	3.15	42.12	3.31	45.90	3.42	50.62	3.56
	70.0	21.98	2.75	26.70	2.89	31.42	3.03	36.14	3.17	41.80	3.33	45.58	3.44	50.30	3.58
	71.6	21.72	2.77	26.44	2.90	31.16	3.04	35.88	3.18	41.54	3.34	45.32	3.45	50.04	3.59
	75.2	21.14	2.80	25.86	2.93	30.58	3.07	35.30	3.21	40.97	3.37	44.74	3.48	49.46	3.62
CTXS07L + FTXS09L + FDXS09L + CDXS15L	60.8	22.72	2.31	27.29	2.43	31.87	2.54	36.44	2.66	41.93	2.80	45.59	2.90	50.16	3.02
	64.4	22.16	2.33	26.74	2.45	31.31	2.57	35.88	2.69	41.37	2.83	45.03	2.92	49.60	3.04
	68.0	21.60	2.36	26.18	2.48	30.75	2.60	35.32	2.71	40.81	2.86	44.47	2.95	49.04	3.07
	70.0	21.29	2.37	25.87	2.49	30.44	2.61	35.01	2.73	40.50	2.87	44.16	2.96	48.73	3.08
	71.6	21.04	2.39	25.62	2.50	30.19	2.62	34.76	2.74	40.25	2.88	43.91	2.98	48.48	3.09
	75.2	20.48	2.41	25.06	2.53	29.63	2.65	34.20	2.77	39.69	2.91	43.35	3.00	47.92	3.12
CTXS07L + FDXS09L + FDXS09L + FTXS15L	60.8	22.72	2.38	27.29	2.50	31.87	2.62	36.44	2.75	41.93	2.89	45.59	2.99	50.16	3.11
	64.4	22.16	2.41	26.74	2.53	31.31	2.65	35.88	2.77	41.37	2.92	45.03	3.02	49.60	3.14
	68.0	21.60	2.43	26.18	2.56	30.75	2.68	35.32	2.80	40.81	2.95	44.47	3.04	49.04	3.16
	70.0	21.29	2.45	25.87	2.57	30.44	2.69	35.01	2.81	40.50	2.96	44.16	3.06	48.73	3.18
	71.6	21.04	2.46	25.62	2.58	30.19	2.70	34.76	2.83	40.25	2.97	43.91	3.07	48.48	3.19
	75.2	20.48	2.49	25.06	2.61	29.63	2.73	34.20	2.85	39.69	3.00	43.35	3.10	47.92	3.22
CTXS07L + FDXS09L + FDXS09L + CDXS15L	60.8	22.05	2.15	26.49	2.26	30.92	2.37	35.36	2.48	40.69	2.61	44.24	2.70	48.67	2.81
	64.4	21.51	2.17	25.94	2.28	30.38	2.39	34.82	2.50	40.14	2.63	43.69	2.72	48.13	2.83
	68.0	20.96	2.19	25.40	2.30	29.84	2.41	34.28	2.52	39.60	2.66	43.15	2.74	47.59	2.85
	70.0	20.66	2.21	25.10	2.32	29.54	2.43	33.97	2.54	39.30	2.67	42.85	2.76	47.29	2.87
	71.6	20.42	2.22	24.86	2.33	29.30	2.44	33.73	2.55	39.06	2.68	42.61	2.77	47.05	2.88
	75.2	19.88	2.24	24.32	2.35	28.75	2.46	33.19	2.57	38.52	2.70	42.07	2.79	46.50	2.90
CTXS07L + FTXS09L + FTXS09L + FTXS18L	60.8	24.12	2.85	28.98	3.00	33.84	3.15	38.69	3.29	44.52	3.47	48.40	3.59	53.26	3.73
	64.4	23.53	2.89	28.39	3.03	33.24	3.18	38.10	3.32	43.92	3.50	47.81	3.62	52.66	3.76
	68.0	22.94	2.92	27.79	3.06	32.65	3.21	37.50	3.36	43.33	3.53	47.21	3.65	52.07	3.80
	70.0	22.61	2.94	27.46	3.08	32.32	3.23	37.17	3.37	43.00	3.55	46.88	3.67	51.74	3.81
	71.6	22.34	2.95	27.20	3.10	32.05	3.24	36.91	3.39	42.74	3.56	46.62	3.68	51.48	3.83
	75.2	21.75	2.98	26.60	3.13	31.46	3.27	36.32	3.42	42.14	3.60	46.03	3.71	50.88	3.86
CTXS07L + FTXS09L + FTXS09L + CDXS18L	60.8	23.45	2.51	28.17	2.64	32.89	2.77	37.61	2.89	43.27	3.05	47.05	3.15	51.77	3.28
	64.4	22.87	2.54	27.59	2.67	32.31	2.79	37.03	2.92	42.70	3.08	46.47	3.18	51.19	3.31
	68.0	22.30	2.56	27.02	2.69	31.74	2.82	36.46	2.95	42.12	3.10	45.90	3.21	50.62	3.34
	70.0	21.98	2.58	26.70	2.71	31.42	2.84	36.14	2.97	41.80	3.12	45.58	3.22	50.30	3.35
	71.6	21.72	2.59	26.44	2.72	31.16	2.85	35.88	2.98	41.54	3.13	45.32	3.24	50.04	3.36
	75.2	21.14	2.62	25.86	2.75	30.58	2.88	35.30	3.01	40.97	3.16	44.74	3.26	49.46	3.39

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS09L + FDXS09L + FTXS18L	60.8	23.45	2.70	28.17	2.84	32.89	2.98	37.61	3.12	43.27	3.28	47.05	3.39	51.77	3.53
	64.4	22.87	2.73	27.59	2.87	32.31	3.01	37.03	3.15	42.70	3.31	46.47	3.42	51.19	3.56
	68.0	22.30	2.76	27.02	2.90	31.74	3.04	36.46	3.18	42.12	3.34	45.90	3.45	50.62	3.59
	70.0	21.98	2.78	26.70	2.92	31.42	3.06	36.14	3.19	41.80	3.36	45.58	3.47	50.30	3.61
	71.6	21.72	2.79	26.44	2.93	31.16	3.07	35.88	3.21	41.54	3.37	45.32	3.48	50.04	3.62
	75.2	21.14	2.82	25.86	2.96	30.58	3.10	35.30	3.24	40.97	3.40	44.74	3.51	49.46	3.65
CTXS07L + FTXS09L + FDXS09L + CDXS18L	60.8	22.72	2.30	27.29	2.42	31.87	2.54	36.44	2.65	41.93	2.79	45.59	2.89	50.16	3.01
	64.4	22.16	2.33	26.74	2.44	31.31	2.56	35.88	2.68	41.37	2.82	45.03	2.91	49.60	3.03
	68.0	21.60	2.35	26.18	2.47	30.75	2.59	35.32	2.70	40.81	2.85	44.47	2.94	49.04	3.06
	70.0	21.29	2.37	25.87	2.48	30.44	2.60	35.01	2.72	40.50	2.86	44.16	2.95	48.73	3.07
	71.6	21.04	2.38	25.62	2.49	30.19	2.61	34.76	2.73	40.25	2.87	43.91	2.97	48.48	3.08
	75.2	20.48	2.40	25.06	2.52	29.63	2.64	34.20	2.76	39.69	2.90	43.35	2.99	47.92	3.11
CTXS07L + FDXS09L + FDXS09L + FTXS18L	60.8	22.72	2.40	27.29	2.53	31.87	2.65	36.44	2.77	41.93	2.92	45.59	3.02	50.16	3.14
	64.4	22.16	2.43	26.74	2.55	31.31	2.68	35.88	2.80	41.37	2.95	45.03	3.05	49.60	3.17
	68.0	21.60	2.46	26.18	2.58	30.75	2.70	35.32	2.83	40.81	2.98	44.47	3.07	49.04	3.20
	70.0	21.29	2.47	25.87	2.60	30.44	2.72	35.01	2.84	40.50	2.99	44.16	3.09	48.73	3.21
	71.6	21.04	2.48	25.62	2.61	30.19	2.73	34.76	2.85	40.25	3.00	43.91	3.10	48.48	3.22
	75.2	20.48	2.51	25.06	2.63	29.63	2.76	34.20	2.88	39.69	3.03	43.35	3.13	47.92	3.25
CTXS07L + FDXS09L + FDXS09L + CDXS18L	60.8	22.05	2.14	26.49	2.25	30.92	2.36	35.36	2.47	40.69	2.60	44.24	2.69	48.67	2.80
	64.4	21.51	2.16	25.94	2.27	30.38	2.38	34.82	2.49	40.14	2.62	43.69	2.71	48.13	2.82
	68.0	20.96	2.19	25.40	2.30	29.84	2.41	34.28	2.52	39.60	2.65	43.15	2.73	47.59	2.84
	70.0	20.66	2.20	25.10	2.31	29.54	2.42	33.97	2.53	39.30	2.66	42.85	2.75	47.29	2.86
	71.6	20.42	2.21	24.86	2.32	29.30	2.43	33.73	2.54	39.06	2.67	42.61	2.76	47.05	2.87
	75.2	19.88	2.23	24.32	2.34	28.75	2.45	33.19	2.56	38.52	2.69	42.07	2.78	46.50	2.89
CTXS07L + FTXS09L + FTXS12L + FTXS12L	60.8	24.12	2.65	28.98	2.78	33.84	2.92	38.69	3.05	44.52	3.21	48.40	3.32	53.26	3.46
	64.4	23.53	2.67	28.39	2.81	33.24	2.95	38.10	3.08	43.92	3.24	47.81	3.35	52.66	3.49
	68.0	22.94	2.70	27.79	2.84	32.65	2.98	37.50	3.11	43.33	3.27	47.21	3.38	52.07	3.52
	70.0	22.61	2.72	27.46	2.86	32.32	2.99	37.17	3.13	43.00	3.29	46.88	3.40	51.74	3.53
	71.6	22.34	2.73	27.20	2.87	32.05	3.01	36.91	3.14	42.74	3.30	46.62	3.41	51.48	3.55
	75.2	21.75	2.76	26.60	2.90	31.46	3.03	36.32	3.17	42.14	3.33	46.03	3.44	50.88	3.58
CTXS07L + FTXS09L + FTXS12L + FDXS12L	60.8	23.45	2.34	28.17	2.46	32.89	2.58	37.61	2.70	43.27	2.84	47.05	2.94	51.77	3.06
	64.4	22.87	2.37	27.59	2.49	32.31	2.61	37.03	2.73	42.70	2.87	46.47	2.97	51.19	3.08
	68.0	22.30	2.39	27.02	2.51	31.74	2.63	36.46	2.75	42.12	2.90	45.90	2.99	50.62	3.11
	70.0	21.98	2.41	26.70	2.53	31.42	2.65	36.14	2.77	41.80	2.91	45.58	3.01	50.30	3.13
	71.6	21.72	2.42	26.44	2.54	31.16	2.66	35.88	2.78	41.54	2.92	45.32	3.02	50.04	3.14
	75.2	21.14	2.44	25.86	2.56	30.58	2.68	35.30	2.80	40.97	2.95	44.74	3.04	49.46	3.16
CTXS07L + FTXS09L + FDXS09L + FDXS12L	60.8	22.72	2.15	27.29	2.26	31.87	2.37	36.44	2.48	41.93	2.61	45.59	2.70	50.16	2.81
	64.4	22.16	2.17	26.74	2.28	31.31	2.39	35.88	2.50	41.37	2.63	45.03	2.72	49.60	2.83
	68.0	21.60	2.19	26.18	2.30	30.75	2.41	35.32	2.52	40.81	2.66	44.47	2.74	49.04	2.85
	70.0	21.29	2.21	25.87	2.32	30.44	2.43	35.01	2.54	40.50	2.67	44.16	2.76	48.73	2.87
	71.6	21.04	2.22	25.62	2.33	30.19	2.44	34.76	2.55	40.25	2.68	43.91	2.77	48.48	2.88
	75.2	20.48	2.24	25.06	2.35	29.63	2.46	34.20	2.57	39.69	2.70	43.35	2.79	47.92	2.90
CTXS07L + FDXS09L + FDXS09L + FTXS12L	60.8	23.45	2.40	28.17	2.53	32.89	2.65	37.61	2.77	43.27	2.92	47.05	3.02	51.77	3.14
	64.4	22.87	2.43	27.59	2.55	32.31	2.68	37.03	2.80	42.70	2.95	46.47	3.05	51.19	3.17
	68.0	22.30	2.46	27.02	2.58	31.74	2.70	36.46	2.83	42.12	2.98	45.90	3.07	50.62	3.20
	70.0	21.98	2.47	26.70	2.60	31.42	2.72	36.14	2.84	41.80	2.99	45.58	3.09	50.30	3.21
	71.6	21.72	2.48	26.44	2.61	31.16	2.73	35.88	2.85	41.54	3.00	45.32	3.10	50.04	3.22
	75.2	21.14	2.51	25.86	2.63	30.58	2.76	35.30	2.88	40.97	3.03	44.74	3.13	49.46	3.25

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FDXS09L + FDXS09L + FDXS12L	60.8	22.72	2.15	27.29	2.27	31.87	2.38	36.44	2.49	41.93	2.62	45.59	2.71	50.16	2.82
	64.4	22.16	2.18	26.74	2.29	31.31	2.40	35.88	2.51	41.37	2.64	45.03	2.73	49.60	2.84
	68.0	21.60	2.20	26.18	2.31	30.75	2.42	35.32	2.53	40.81	2.67	44.47	2.75	49.04	2.87
	70.0	21.29	2.22	25.87	2.33	30.44	2.44	35.01	2.55	40.50	2.68	44.16	2.77	48.73	2.88
	71.6	21.04	2.23	25.62	2.34	30.19	2.45	34.76	2.56	40.25	2.69	43.91	2.78	48.48	2.89
	75.2	20.48	2.25	25.06	2.36	29.63	2.47	34.20	2.58	39.69	2.71	43.35	2.80	47.92	2.91
CTXS07L + FDXS09L + FDXS09L + FDXS12L	60.8	22.05	2.06	26.49	2.16	30.92	2.27	35.36	2.37	40.69	2.50	44.24	2.59	48.67	2.69
	64.4	21.51	2.08	25.94	2.19	30.38	2.29	34.82	2.40	40.14	2.52	43.69	2.61	48.13	2.71
	68.0	20.96	2.10	25.40	2.21	29.84	2.32	34.28	2.42	39.60	2.55	43.15	2.63	47.59	2.74
	70.0	20.66	2.12	25.10	2.22	29.54	2.33	33.97	2.43	39.30	2.56	42.85	2.64	47.29	2.75
	71.6	20.42	2.13	24.86	2.23	29.30	2.34	33.73	2.44	39.06	2.57	42.61	2.65	47.05	2.76
	75.2	19.88	2.15	24.32	2.26	28.75	2.36	33.19	2.47	38.52	2.59	42.07	2.68	46.50	2.78
CTXS07L + FTXS09L + FTXS12L + FTXS15L	60.8	24.12	2.85	28.98	2.99	33.84	3.14	38.69	3.28	44.52	3.46	48.40	3.58	53.26	3.72
	64.4	23.53	2.88	28.39	3.02	33.24	3.17	38.10	3.32	43.92	3.49	47.81	3.61	52.66	3.75
	68.0	22.94	2.91	27.79	3.06	32.65	3.20	37.50	3.35	43.33	3.52	47.21	3.64	52.07	3.78
	70.0	22.61	2.93	27.46	3.07	32.32	3.22	37.17	3.37	43.00	3.54	46.88	3.66	51.74	3.80
	71.6	22.34	2.94	27.20	3.09	32.05	3.23	36.91	3.38	42.74	3.55	46.62	3.67	51.48	3.82
	75.2	21.75	2.97	26.60	3.12	31.46	3.27	36.32	3.41	42.14	3.59	46.03	3.70	50.88	3.85
CTXS07L + FTXS09L + FTXS12L + CDXS15L	60.8	23.45	2.60	28.17	2.73	32.89	2.86	37.61	3.00	43.27	3.16	47.05	3.26	51.77	3.40
	64.4	22.87	2.63	27.59	2.76	32.31	2.89	37.03	3.03	42.70	3.18	46.47	3.29	51.19	3.42
	68.0	22.30	2.66	27.02	2.79	31.74	2.92	36.46	3.05	42.12	3.21	45.90	3.32	50.62	3.45
	70.0	21.98	2.67	26.70	2.80	31.42	2.94	36.14	3.07	41.80	3.23	45.58	3.34	50.30	3.47
	71.6	21.72	2.68	26.44	2.82	31.16	2.95	35.88	3.08	41.54	3.24	45.32	3.35	50.04	3.48
	75.2	21.14	2.71	25.86	2.85	30.58	2.98	35.30	3.11	40.97	3.27	44.74	3.38	49.46	3.51
CTXS07L + FTXS09L + FDXS12L + FTXS15L	60.8	23.45	2.68	28.17	2.81	32.89	2.95	37.61	3.09	43.27	3.25	47.05	3.36	51.77	3.50
	64.4	22.87	2.71	27.59	2.84	32.31	2.98	37.03	3.12	42.70	3.28	46.47	3.39	51.19	3.53
	68.0	22.30	2.74	27.02	2.87	31.74	3.01	36.46	3.15	42.12	3.31	45.90	3.42	50.62	3.56
	70.0	21.98	2.75	26.70	2.89	31.42	3.03	36.14	3.17	41.80	3.33	45.58	3.44	50.30	3.58
	71.6	21.72	2.77	26.44	2.90	31.16	3.04	35.88	3.18	41.54	3.34	45.32	3.45	50.04	3.59
	75.2	21.14	2.80	25.86	2.93	30.58	3.07	35.30	3.21	40.97	3.37	44.74	3.48	49.46	3.62
CTXS07L + FTXS09L + FDXS12L + CDXS15L	60.8	22.72	2.31	27.29	2.43	31.87	2.54	36.44	2.66	41.93	2.80	45.59	2.90	50.16	3.02
	64.4	22.16	2.33	26.74	2.45	31.31	2.57	35.88	2.69	41.37	2.83	45.03	2.92	49.60	3.04
	68.0	21.60	2.36	26.18	2.48	30.75	2.60	35.32	2.71	40.81	2.86	44.47	2.95	49.04	3.07
	70.0	21.29	2.37	25.87	2.49	30.44	2.61	35.01	2.73	40.50	2.87	44.16	2.96	48.73	3.08
	71.6	21.04	2.39	25.62	2.50	30.19	2.62	34.76	2.74	40.25	2.88	43.91	2.98	48.48	3.09
	75.2	20.48	2.41	25.06	2.53	29.63	2.65	34.20	2.77	39.69	2.91	43.35	3.00	47.92	3.12
CTXS07L + FDXS09L + FDXS12L + FTXS15L	60.8	23.45	2.77	28.17	2.91	32.89	3.05	37.61	3.19	43.27	3.36	47.05	3.47	51.77	3.62
	64.4	22.87	2.80	27.59	2.94	32.31	3.08	37.03	3.22	42.70	3.39	46.47	3.51	51.19	3.65
	68.0	22.30	2.83	27.02	2.97	31.74	3.11	36.46	3.25	42.12	3.42	45.90	3.54	50.62	3.68
	70.0	21.98	2.85	26.70	2.99	31.42	3.13	36.14	3.27	41.80	3.44	45.58	3.55	50.30	3.69
	71.6	21.72	2.86	26.44	3.00	31.16	3.14	35.88	3.28	41.54	3.45	45.32	3.57	50.04	3.71
	75.2	21.14	2.89	25.86	3.03	30.58	3.17	35.30	3.31	40.97	3.48	44.74	3.60	49.46	3.74
CTXS07L + FDXS09L + FTXS12L + CDXS15L	60.8	22.72	2.34	27.29	2.46	31.87	2.58	36.44	2.70	41.93	2.84	45.59	2.94	50.16	3.06
	64.4	22.16	2.37	26.74	2.49	31.31	2.61	35.88	2.73	41.37	2.87	45.03	2.97	49.60	3.08
	68.0	21.60	2.39	26.18	2.51	30.75	2.63	35.32	2.75	40.81	2.90	44.47	2.99	49.04	3.11
	70.0	21.29	2.41	25.87	2.53	30.44	2.65	35.01	2.77	40.50	2.91	44.16	3.01	48.73	3.13
	71.6	21.04	2.42	25.62	2.54	30.19	2.66	34.76	2.78	40.25	2.92	43.91	3.02	48.48	3.14
	75.2	20.48	2.44	25.06	2.56	29.63	2.68	34.20	2.80	39.69	2.95	43.35	3.04	47.92	3.16

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FDXS09L + FDXS12L + FTXS15L	60.8	22.72	2.38	27.29	2.50	31.87	2.62	36.44	2.75	41.93	2.89	45.59	2.99	50.16	3.11
	64.4	22.16	2.41	26.74	2.53	31.31	2.65	35.88	2.77	41.37	2.92	45.03	3.02	49.60	3.14
	68.0	21.60	2.43	26.18	2.56	30.75	2.68	35.32	2.80	40.81	2.95	44.47	3.04	49.04	3.16
	70.0	21.29	2.45	25.87	2.57	30.44	2.69	35.01	2.81	40.50	2.96	44.16	3.06	48.73	3.18
	71.6	21.04	2.46	25.62	2.58	30.19	2.70	34.76	2.83	40.25	2.97	43.91	3.07	48.48	3.19
	75.2	20.48	2.49	25.06	2.61	29.63	2.73	34.20	2.85	39.69	3.00	43.35	3.10	47.92	3.22
CTXS07L + FDXS09L + FDXS12L + CDXS15L	60.8	22.05	2.15	26.49	2.26	30.92	2.37	35.36	2.48	40.69	2.61	44.24	2.70	48.67	2.81
	64.4	21.51	2.17	25.94	2.28	30.38	2.39	34.82	2.50	40.14	2.63	43.69	2.72	48.13	2.83
	68.0	20.96	2.19	25.40	2.30	29.84	2.41	34.28	2.52	39.60	2.66	43.15	2.74	47.59	2.85
	70.0	20.66	2.21	25.10	2.32	29.54	2.43	33.97	2.54	39.30	2.67	42.85	2.76	47.29	2.87
	71.6	20.42	2.22	24.86	2.33	29.30	2.44	33.73	2.55	39.06	2.68	42.61	2.77	47.05	2.88
	75.2	19.88	2.24	24.32	2.35	28.75	2.46	33.19	2.57	38.52	2.70	42.07	2.79	46.50	2.90
CTXS07L + FTXS09L + FTXS12L + FTXS18L	60.8	24.12	2.85	28.98	2.99	33.84	3.14	38.69	3.28	44.52	3.46	48.40	3.58	53.26	3.72
	64.4	23.53	2.88	28.39	3.02	33.24	3.17	38.10	3.32	43.92	3.49	47.81	3.61	52.66	3.75
	68.0	22.94	2.91	27.79	3.06	32.65	3.20	37.50	3.35	43.33	3.52	47.21	3.64	52.07	3.78
	70.0	22.61	2.93	27.46	3.07	32.32	3.22	37.17	3.37	43.00	3.54	46.88	3.66	51.74	3.80
	71.6	22.34	2.94	27.20	3.09	32.05	3.23	36.91	3.38	42.74	3.55	46.62	3.67	51.48	3.82
	75.2	21.75	2.97	26.60	3.12	31.46	3.27	36.32	3.41	42.14	3.59	46.03	3.70	50.88	3.85
CTXS07L + FTXS09L + FTXS12L + CDXS18L	60.8	23.45	2.59	28.17	2.72	32.89	2.85	37.61	2.99	43.27	3.15	47.05	3.25	51.77	3.38
	64.4	22.87	2.62	27.59	2.75	32.31	2.88	37.03	3.02	42.70	3.17	46.47	3.28	51.19	3.41
	68.0	22.30	2.65	27.02	2.78	31.74	2.91	36.46	3.04	42.12	3.20	45.90	3.31	50.62	3.44
	70.0	21.98	2.66	26.70	2.80	31.42	2.93	36.14	3.06	41.80	3.22	45.58	3.33	50.30	3.46
	71.6	21.72	2.68	26.44	2.81	31.16	2.94	35.88	3.07	41.54	3.23	45.32	3.34	50.04	3.47
	75.2	21.14	2.70	25.86	2.84	30.58	2.97	35.30	3.10	40.97	3.26	44.74	3.37	49.46	3.50
CTXS07L + FTXS09L + FDXS12L + FTXS18L	60.8	23.45	2.70	28.17	2.84	32.89	2.98	37.61	3.12	43.27	3.28	47.05	3.39	51.77	3.53
	64.4	22.87	2.73	27.59	2.87	32.31	3.01	37.03	3.15	42.70	3.31	46.47	3.42	51.19	3.56
	68.0	22.30	2.76	27.02	2.90	31.74	3.04	36.46	3.18	42.12	3.34	45.90	3.45	50.62	3.59
	70.0	21.98	2.78	26.70	2.92	31.42	3.06	36.14	3.19	41.80	3.36	45.58	3.47	50.30	3.61
	71.6	21.72	2.79	26.44	2.93	31.16	3.07	35.88	3.21	41.54	3.37	45.32	3.48	50.04	3.62
	75.2	21.14	2.82	25.86	2.96	30.58	3.10	35.30	3.24	40.97	3.40	44.74	3.51	49.46	3.65
CTXS07L + FDXS09L + FDXS12L + CDXS18L	60.8	22.72	2.30	27.29	2.42	31.87	2.54	36.44	2.65	41.93	2.79	45.59	2.89	50.16	3.01
	64.4	22.16	2.33	26.74	2.44	31.31	2.56	35.88	2.68	41.37	2.82	45.03	2.91	49.60	3.03
	68.0	21.60	2.35	26.18	2.47	30.75	2.59	35.32	2.70	40.81	2.85	44.47	2.94	49.04	3.06
	70.0	21.29	2.37	25.87	2.48	30.44	2.60	35.01	2.72	40.50	2.86	44.16	2.95	48.73	3.07
	71.6	21.04	2.38	25.62	2.49	30.19	2.61	34.76	2.73	40.25	2.87	43.91	2.97	48.48	3.08
	75.2	20.48	2.40	25.06	2.52	29.63	2.64	34.20	2.76	39.69	2.90	43.35	2.99	47.92	3.11
CTXS07L + FDXS09L + FTXS12L + FTXS18L	60.8	23.45	2.80	28.17	2.94	32.89	3.08	37.61	3.23	43.27	3.40	47.05	3.51	51.77	3.66
	64.4	22.87	2.83	27.59	2.97	32.31	3.12	37.03	3.26	42.70	3.43	46.47	3.55	51.19	3.69
	68.0	22.30	2.86	27.02	3.00	31.74	3.15	36.46	3.29	42.12	3.46	45.90	3.58	50.62	3.72
	70.0	21.98	2.88	26.70	3.02	31.42	3.16	36.14	3.31	41.80	3.48	45.58	3.59	50.30	3.74
	71.6	21.72	2.89	26.44	3.04	31.16	3.18	35.88	3.32	41.54	3.49	45.32	3.61	50.04	3.75
	75.2	21.14	2.92	25.86	3.07	30.58	3.21	35.30	3.35	40.97	3.53	44.74	3.64	49.46	3.78
CTXS07L + FDXS09L + FTXS12L + CDXS18L	60.8	22.72	2.33	27.29	2.45	31.87	2.57	36.44	2.69	41.93	2.83	45.59	2.93	50.16	3.05
	64.4	22.16	2.36	26.74	2.48	31.31	2.60	35.88	2.72	41.37	2.86	45.03	2.95	49.60	3.07
	68.0	21.60	2.38	26.18	2.50	30.75	2.62	35.32	2.74	40.81	2.89	44.47	2.98	49.04	3.10
	70.0	21.29	2.40	25.87	2.52	30.44	2.64	35.01	2.76	40.50	2.90	44.16	3.00	48.73	3.11
	71.6	21.04	2.41	25.62	2.53	30.19	2.65	34.76	2.77	40.25	2.91	43.91	3.01	48.48	3.13
	75.2	20.48	2.44	25.06	2.56	29.63	2.68	34.20	2.79	39.69	2.94	43.35	3.03	47.92	3.15

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FDXS09L + FDXS12L + FTXS18L	60.8	22.72	2.40	27.29	2.53	31.87	2.65	36.44	2.77	41.93	2.92	45.59	3.02	50.16	3.14
	64.4	22.16	2.43	26.74	2.55	31.31	2.68	35.88	2.80	41.37	2.95	45.03	3.05	49.60	3.17
	68.0	21.60	2.46	26.18	2.58	30.75	2.70	35.32	2.83	40.81	2.98	44.47	3.07	49.04	3.20
	70.0	21.29	2.47	25.87	2.60	30.44	2.72	35.01	2.84	40.50	2.99	44.16	3.09	48.73	3.21
	71.6	21.04	2.48	25.62	2.61	30.19	2.73	34.76	2.85	40.25	3.00	43.91	3.10	48.48	3.22
	75.2	20.48	2.51	25.06	2.63	29.63	2.76	34.20	2.88	39.69	3.03	43.35	3.13	47.92	3.25
CTXS07L + FDXS09L + FDXS12L + CDXS18L	60.8	22.05	2.14	26.49	2.25	30.92	2.36	35.36	2.47	40.69	2.60	44.24	2.69	48.67	2.80
	64.4	21.51	2.16	25.94	2.27	30.38	2.38	34.82	2.49	40.14	2.62	43.69	2.71	48.13	2.82
	68.0	20.96	2.19	25.40	2.30	29.84	2.41	34.28	2.52	39.60	2.65	43.15	2.73	47.59	2.84
	70.0	20.66	2.20	25.10	2.31	29.54	2.42	33.97	2.53	39.30	2.66	42.85	2.75	47.29	2.86
	71.6	20.42	2.21	24.86	2.32	29.30	2.43	33.73	2.54	39.06	2.67	42.61	2.76	47.05	2.87
	75.2	19.88	2.23	24.32	2.34	28.75	2.45	33.19	2.56	38.52	2.69	42.07	2.78	46.50	2.89
CTXS07L + FTXS09L + FTXS15L + FTXS15L	60.8	24.12	3.07	28.98	3.23	33.84	3.39	38.69	3.54	44.52	3.73	48.40	3.86	53.03	3.97
	64.4	23.53	3.11	28.39	3.26	33.24	3.42	38.10	3.58	43.92	3.77	47.81	3.89	52.26	3.97
	68.0	22.94	3.14	27.79	3.30	32.65	3.45	37.50	3.61	43.33	3.80	47.21	3.93	51.51	3.97
	70.0	22.61	3.16	27.46	3.32	32.32	3.47	37.17	3.63	43.00	3.82	46.88	3.95	51.10	3.97
	71.6	22.34	3.17	27.20	3.33	32.05	3.49	36.91	3.65	42.74	3.84	46.62	3.96	50.77	3.97
	75.2	21.75	3.21	26.60	3.37	31.46	3.52	36.32	3.68	42.14	3.87	45.95	3.97	50.05	3.97
CTXS07L + FTXS09L + FTXS15L + CDXS15L	60.8	23.45	2.85	28.17	3.00	32.89	3.15	37.61	3.29	43.27	3.47	47.05	3.59	51.77	3.73
	64.4	22.87	2.89	27.59	3.03	32.31	3.18	37.03	3.32	42.70	3.50	46.47	3.62	51.19	3.76
	68.0	22.30	2.92	27.02	3.06	31.74	3.21	36.46	3.36	42.12	3.53	45.90	3.65	50.62	3.80
	70.0	21.98	2.94	26.70	3.08	31.42	3.23	36.14	3.37	41.80	3.55	45.58	3.67	50.30	3.81
	71.6	21.72	2.95	26.44	3.10	31.16	3.24	35.88	3.39	41.54	3.56	45.32	3.68	50.04	3.83
	75.2	21.14	2.98	25.86	3.13	30.58	3.27	35.30	3.42	40.97	3.60	44.74	3.71	49.46	3.86
CTXS07L + FTXS09L + CDXS15L + CDXS15L	60.8	22.72	2.52	27.29	2.65	31.87	2.77	36.44	2.90	41.93	3.06	45.59	3.16	50.16	3.29
	64.4	22.16	2.54	26.74	2.67	31.31	2.80	35.88	2.93	41.37	3.09	45.03	3.19	49.60	3.32
	68.0	21.60	2.57	26.18	2.70	30.75	2.83	35.32	2.96	40.81	3.11	44.47	3.22	49.04	3.35
	70.0	21.29	2.59	25.87	2.72	30.44	2.85	35.01	2.98	40.50	3.13	44.16	3.23	48.73	3.36
	71.6	21.04	2.60	25.62	2.73	30.19	2.86	34.76	2.99	40.25	3.14	43.91	3.25	48.48	3.37
	75.2	20.48	2.63	25.06	2.76	29.63	2.89	34.20	3.02	39.69	3.17	43.35	3.27	47.92	3.40
CTXS07L + FDXS09L + FTXS15L + FTXS15L	60.8	23.45	2.84	28.17	2.98	32.89	3.13	37.61	3.27	43.27	3.45	47.05	3.57	51.77	3.71
	64.4	22.87	2.87	27.59	3.02	32.31	3.16	37.03	3.31	42.70	3.48	46.47	3.60	51.19	3.74
	68.0	22.30	2.90	27.02	3.05	31.74	3.19	36.46	3.34	42.12	3.51	45.90	3.63	50.62	3.77
	70.0	21.98	2.92	26.70	3.06	31.42	3.21	36.14	3.36	41.80	3.53	45.58	3.65	50.30	3.79
	71.6	21.72	2.93	26.44	3.08	31.16	3.22	35.88	3.37	41.54	3.54	45.32	3.66	50.04	3.81
	75.2	21.14	2.97	25.86	3.11	30.58	3.26	35.30	3.40	40.97	3.58	44.74	3.69	49.46	3.84
CTXS07L + FDXS09L + FTXS15L + CDXS15L	60.8	22.72	2.67	27.29	2.81	31.87	2.94	36.44	3.08	41.93	3.24	45.59	3.35	50.16	3.49
	64.4	22.16	2.70	26.74	2.84	31.31	2.97	35.88	3.11	41.37	3.27	45.03	3.38	49.60	3.52
	68.0	21.60	2.73	26.18	2.87	30.75	3.00	35.32	3.14	40.81	3.30	44.47	3.41	49.04	3.55
	70.0	21.29	2.75	25.87	2.88	30.44	3.02	35.01	3.16	40.50	3.32	44.16	3.43	48.73	3.57
	71.6	21.04	2.76	25.62	2.90	30.19	3.03	34.76	3.17	40.25	3.33	43.91	3.44	48.48	3.58
	75.2	20.48	2.79	25.06	2.93	29.63	3.06	34.20	3.20	39.69	3.36	43.35	3.47	47.92	3.61
CTXS07L + FDXS09L + CDXS15L + CDXS15L	60.8	22.05	2.32	26.49	2.43	30.92	2.55	35.36	2.67	40.69	2.81	44.24	2.91	48.67	3.03
	64.4	21.51	2.34	25.94	2.46	30.38	2.58	34.82	2.70	40.14	2.84	43.69	2.93	48.13	3.05
	68.0	20.96	2.37	25.40	2.49	29.84	2.60	34.28	2.72	39.60	2.87	43.15	2.96	47.59	3.08
	70.0	20.66	2.38	25.10	2.50	29.54	2.62	33.97	2.74	39.30	2.88	42.85	2.97	47.29	3.09
	71.6	20.42	2.39	24.86	2.51	29.30	2.63	33.73	2.75	39.06	2.89	42.61	2.99	47.05	3.11
	75.2	19.88	2.42	24.32	2.54	28.75	2.66	33.19	2.78	38.52	2.92	42.07	3.01	46.50	3.13

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FTXS12L + FTXS12L + FTXS12L	60.8	24.12	2.73	28.98	2.87	33.84	3.00	38.69	3.14	44.52	3.31	48.40	3.42	53.26	3.56
	64.4	23.53	2.76	28.39	2.90	33.24	3.04	38.10	3.17	43.92	3.34	47.81	3.45	52.66	3.59
	68.0	22.94	2.79	27.79	2.93	32.65	3.07	37.50	3.21	43.33	3.37	47.21	3.48	52.07	3.62
	70.0	22.61	2.80	27.46	2.94	32.32	3.08	37.17	3.22	43.00	3.39	46.88	3.50	51.74	3.64
	71.6	22.34	2.82	27.20	2.96	32.05	3.10	36.91	3.24	42.74	3.40	46.62	3.52	51.48	3.65
	75.2	21.75	2.85	26.60	2.99	31.46	3.13	36.32	3.27	42.14	3.43	46.03	3.55	50.88	3.69
CTXS07L + FTXS12L + FTXS12L + FDXS12L	60.8	23.45	2.40	28.17	2.53	32.89	2.65	37.61	2.77	43.27	2.92	47.05	3.02	51.77	3.14
	64.4	22.87	2.43	27.59	2.55	32.31	2.68	37.03	2.80	42.70	2.95	46.47	3.05	51.19	3.17
	68.0	22.30	2.46	27.02	2.58	31.74	2.70	36.46	2.83	42.12	2.98	45.90	3.07	50.62	3.20
	70.0	21.98	2.47	26.70	2.60	31.42	2.72	36.14	2.84	41.80	2.99	45.58	3.09	50.30	3.21
	71.6	21.72	2.48	26.44	2.61	31.16	2.73	35.88	2.85	41.54	3.00	45.32	3.10	50.04	3.22
	75.2	21.14	2.51	25.86	2.63	30.58	2.76	35.30	2.88	40.97	3.03	44.74	3.13	49.46	3.25
CTXS07L + FTXS12L + FDXS12L + FDXS12L	60.8	22.72	2.15	27.29	2.27	31.87	2.38	36.44	2.49	41.93	2.62	45.59	2.71	50.16	2.82
	64.4	22.16	2.18	26.74	2.29	31.31	2.40	35.88	2.51	41.37	2.64	45.03	2.73	49.60	2.84
	68.0	21.60	2.20	26.18	2.31	30.75	2.42	35.32	2.53	40.81	2.67	44.47	2.75	49.04	2.87
	70.0	21.29	2.22	25.87	2.33	30.44	2.44	35.01	2.55	40.50	2.68	44.16	2.77	48.73	2.88
	71.6	21.04	2.23	25.62	2.34	30.19	2.45	34.76	2.56	40.25	2.69	43.91	2.78	48.48	2.89
	75.2	20.48	2.25	25.06	2.36	29.63	2.47	34.20	2.58	39.69	2.71	43.35	2.80	47.92	2.91
CTXS07L + FDXS12L + FDXS12L + FDXS12L	60.8	22.05	2.06	26.49	2.16	30.92	2.27	35.36	2.37	40.69	2.50	44.24	2.59	48.67	2.69
	64.4	21.51	2.08	25.94	2.19	30.38	2.29	34.82	2.40	40.14	2.52	43.69	2.61	48.13	2.71
	68.0	20.96	2.10	25.40	2.21	29.84	2.32	34.28	2.42	39.60	2.55	43.15	2.63	47.59	2.74
	70.0	20.66	2.12	25.10	2.22	29.54	2.33	33.97	2.43	39.30	2.56	42.85	2.64	47.29	2.75
	71.6	20.42	2.13	24.86	2.23	29.30	2.34	33.73	2.44	39.06	2.57	42.61	2.65	47.05	2.76
	75.2	19.88	2.15	24.32	2.26	28.75	2.36	33.19	2.47	38.52	2.59	42.07	2.68	46.50	2.78
CTXS07L + FTXS12L + FTXS12L + FTXS15L	60.8	24.12	2.84	28.98	2.98	33.84	3.13	38.69	3.27	44.52	3.45	48.40	3.57	53.26	3.71
	64.4	23.53	2.87	28.39	3.02	33.24	3.16	38.10	3.31	43.92	3.48	47.81	3.60	52.66	3.74
	68.0	22.94	2.90	27.79	3.05	32.65	3.19	37.50	3.34	43.33	3.51	47.21	3.63	52.07	3.77
	70.0	22.61	2.92	27.46	3.06	32.32	3.21	37.17	3.36	43.00	3.53	46.88	3.65	51.74	3.79
	71.6	22.34	2.93	27.20	3.08	32.05	3.22	36.91	3.37	42.74	3.54	46.62	3.66	51.48	3.81
	75.2	21.75	2.97	26.60	3.11	31.46	3.26	36.32	3.40	42.14	3.58	46.03	3.69	50.88	3.84
CTXS07L + FTXS12L + FTXS12L + CDXS15L	60.8	23.45	2.64	28.17	2.77	32.89	2.91	37.61	3.04	43.27	3.20	47.05	3.31	51.77	3.45
	64.4	22.87	2.67	27.59	2.80	32.31	2.94	37.03	3.07	42.70	3.23	46.47	3.34	51.19	3.48
	68.0	22.30	2.70	27.02	2.83	31.74	2.97	36.46	3.10	42.12	3.26	45.90	3.37	50.62	3.51
	70.0	21.98	2.71	26.70	2.85	31.42	2.98	36.14	3.12	41.80	3.28	45.58	3.39	50.30	3.52
	71.6	21.72	2.73	26.44	2.86	31.16	3.00	35.88	3.13	41.54	3.29	45.32	3.40	50.04	3.54
	75.2	21.14	2.76	25.86	2.89	30.58	3.03	35.30	3.16	40.97	3.32	44.74	3.43	49.46	3.57
CTXS07L + FTXS12L + FDXS12L + CDXS15L	60.8	23.45	2.77	28.17	2.91	32.89	3.05	37.61	3.19	43.27	3.36	47.05	3.47	51.77	3.62
	64.4	22.87	2.80	27.59	2.94	32.31	3.08	37.03	3.22	42.70	3.39	46.47	3.51	51.19	3.65
	68.0	22.30	2.83	27.02	2.97	31.74	3.11	36.46	3.25	42.12	3.42	45.90	3.54	50.62	3.68
	70.0	21.98	2.85	26.70	2.99	31.42	3.13	36.14	3.27	41.80	3.44	45.58	3.55	50.30	3.69
	71.6	21.72	2.86	26.44	3.00	31.16	3.14	35.88	3.28	41.54	3.45	45.32	3.57	50.04	3.71
	75.2	21.14	2.89	25.86	3.03	30.58	3.17	35.30	3.31	40.97	3.48	44.74	3.60	49.46	3.74
CTXS07L + FDXS12L + FTXS12L + FTXS15L	60.8	22.72	2.34	27.29	2.46	31.87	2.58	36.44	2.70	41.93	2.84	45.59	2.94	50.16	3.06
	64.4	22.16	2.37	26.74	2.49	31.31	2.61	35.88	2.73	41.37	2.87	45.03	2.97	49.60	3.08
	68.0	21.60	2.39	26.18	2.51	30.75	2.63	35.32	2.75	40.81	2.90	44.47	2.99	49.04	3.11
	70.0	21.29	2.41	25.87	2.53	30.44	2.65	35.01	2.77	40.50	2.91	44.16	3.01	48.73	3.13
	71.6	21.04	2.42	25.62	2.54	30.19	2.66	34.76	2.78	40.25	2.92	43.91	3.02	48.48	3.14
	75.2	20.48	2.44	25.06	2.56	29.63	2.68	34.20	2.80	39.69	2.95	43.35	3.04	47.92	3.16

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
CTXS07L + FDXS12L + FTXS12L + CDXS15L	60.8	22.72	2.38	27.29	2.50	31.87	2.62	36.44	2.75	41.93	2.89	45.59	2.99	50.16	3.11
	64.4	22.16	2.41	26.74	2.53	31.31	2.65	35.88	2.77	41.37	2.92	45.03	3.02	49.60	3.14
	68.0	21.60	2.43	26.18	2.56	30.75	2.68	35.32	2.80	40.81	2.95	44.47	3.04	49.04	3.16
	70.0	21.29	2.45	25.87	2.57	30.44	2.69	35.01	2.81	40.50	2.96	44.16	3.06	48.73	3.18
	71.6	21.04	2.46	25.62	2.58	30.19	2.70	34.76	2.83	40.25	2.97	43.91	3.07	48.48	3.19
	75.2	20.48	2.49	25.06	2.61	29.63	2.73	34.20	2.85	39.69	3.00	43.35	3.10	47.92	3.22
CTXS07L + FDXS12L + FDXS12L + CDXS15L	60.8	22.05	2.15	26.49	2.26	30.92	2.37	35.36	2.48	40.69	2.61	44.24	2.70	48.67	2.81
	64.4	21.51	2.17	25.94	2.28	30.38	2.39	34.82	2.50	40.14	2.63	43.69	2.72	48.13	2.83
	68.0	20.96	2.19	25.40	2.30	29.84	2.41	34.28	2.52	39.60	2.66	43.15	2.74	47.59	2.85
	70.0	20.66	2.21	25.10	2.32	29.54	2.43	33.97	2.54	39.30	2.67	42.85	2.76	47.29	2.87
	71.6	20.42	2.22	24.86	2.33	29.30	2.44	33.73	2.55	39.06	2.68	42.61	2.77	47.05	2.88
	75.2	19.88	2.24	24.32	2.35	28.75	2.46	33.19	2.57	38.52	2.70	42.07	2.79	46.50	2.90
FTXS09L + FTXS09L + FTXS09L + FTXS09L	60.8	24.12	2.61	28.98	2.74	33.84	2.87	38.69	3.01	44.52	3.17	48.40	3.27	53.26	3.41
	64.4	23.53	2.63	28.39	2.77	33.24	2.90	38.10	3.03	43.92	3.19	47.81	3.30	52.66	3.43
	68.0	22.94	2.66	27.79	2.80	32.65	2.93	37.50	3.06	43.33	3.22	47.21	3.33	52.07	3.46
	70.0	22.61	2.68	27.46	2.81	32.32	2.95	37.17	3.08	43.00	3.24	46.88	3.35	51.74	3.48
	71.6	22.34	2.69	27.20	2.83	32.05	2.96	36.91	3.09	42.74	3.25	46.62	3.36	51.48	3.49
	75.2	21.75	2.72	26.60	2.86	31.46	2.99	36.32	3.12	42.14	3.28	46.03	3.39	50.88	3.52
FTXS09L + FTXS09L + FTXS09L + FDXS09L	60.8	23.45	2.34	28.17	2.46	32.89	2.58	37.61	2.70	43.27	2.84	47.05	2.94	51.77	3.06
	64.4	22.87	2.37	27.59	2.49	32.31	2.61	37.03	2.73	42.70	2.87	46.47	2.97	51.19	3.08
	68.0	22.30	2.39	27.02	2.51	31.74	2.63	36.46	2.75	42.12	2.90	45.90	2.99	50.62	3.11
	70.0	21.98	2.41	26.70	2.53	31.42	2.65	36.14	2.77	41.80	2.91	45.58	3.01	50.30	3.13
	71.6	21.72	2.42	26.44	2.54	31.16	2.66	35.88	2.78	41.54	2.92	45.32	3.02	50.04	3.14
	75.2	21.14	2.44	25.86	2.56	30.58	2.68	35.30	2.80	40.97	2.95	44.74	3.04	49.46	3.16
FTXS09L + FTXS09L + FDXS09L + FDXS09L	60.8	22.72	2.16	27.29	2.27	31.87	2.38	36.44	2.50	41.93	2.63	45.59	2.72	50.16	2.83
	64.4	22.16	2.19	26.74	2.30	31.31	2.41	35.88	2.52	41.37	2.65	45.03	2.74	49.60	2.85
	68.0	21.60	2.21	26.18	2.32	30.75	2.43	35.32	2.54	40.81	2.68	44.47	2.77	49.04	2.88
	70.0	21.29	2.22	25.87	2.34	30.44	2.45	35.01	2.56	40.50	2.69	44.16	2.78	48.73	2.89
	71.6	21.04	2.24	25.62	2.35	30.19	2.46	34.76	2.57	40.25	2.70	43.91	2.79	48.48	2.90
	75.2	20.48	2.26	25.06	2.37	29.63	2.48	34.20	2.59	39.69	2.73	43.35	2.81	47.92	2.92
FTXS09L + FDXS09L + FDXS09L + FDXS09L	60.8	22.05	2.06	26.49	2.16	30.92	2.27	35.36	2.37	40.69	2.50	44.24	2.59	48.67	2.69
	64.4	21.51	2.08	25.94	2.19	30.38	2.29	34.82	2.40	40.14	2.52	43.69	2.61	48.13	2.71
	68.0	20.96	2.10	25.40	2.21	29.84	2.32	34.28	2.42	39.60	2.55	43.15	2.63	47.59	2.74
	70.0	20.66	2.12	25.10	2.22	29.54	2.33	33.97	2.43	39.30	2.56	42.85	2.64	47.29	2.75
	71.6	20.42	2.13	24.86	2.23	29.30	2.34	33.73	2.44	39.06	2.57	42.61	2.65	47.05	2.76
	75.2	19.88	2.15	24.32	2.26	28.75	2.36	33.19	2.47	38.52	2.59	42.07	2.68	46.50	2.78
FDXS09L + FDXS09L + FDXS09L + FDXS09L	60.8	21.32	2.00	25.61	2.10	29.90	2.21	34.19	2.31	39.34	2.43	42.77	2.51	47.06	2.62
	64.4	20.79	2.02	25.09	2.13	29.38	2.23	33.67	2.33	38.82	2.46	42.25	2.54	46.54	2.64
	68.0	20.27	2.05	24.56	2.15	28.85	2.25	33.14	2.35	38.29	2.48	41.72	2.56	46.02	2.66
	70.0	19.98	2.06	24.27	2.16	28.56	2.26	32.85	2.37	38.00	2.49	41.43	2.57	45.72	2.67
	71.6	19.75	2.07	24.04	2.17	28.33	2.27	32.62	2.38	37.77	2.50	41.20	2.58	45.49	2.68
	75.2	19.22	2.09	23.51	2.19	27.80	2.30	32.09	2.40	37.24	2.52	40.67	2.60	44.97	2.71
FTXS09L + FTXS09L + FTXS09L + FTXS12L	60.8	24.12	2.65	28.98	2.78	33.84	2.92	38.69	3.05	44.52	3.21	48.40	3.32	53.26	3.46
	64.4	23.53	2.67	28.39	2.81	33.24	2.95	38.10	3.08	43.92	3.24	47.81	3.35	52.66	3.49
	68.0	22.94	2.70	27.79	2.84	32.65	2.98	37.50	3.11	43.33	3.27	47.21	3.38	52.07	3.52
	70.0	22.61	2.72	27.46	2.86	32.32	2.99	37.17	3.13	43.00	3.29	46.88	3.40	51.74	3.53
	71.6	22.34	2.73	27.20	2.87	32.05	3.01	36.91	3.14	42.74	3.30	46.62	3.41	51.48	3.55
	75.2	21.75	2.76	26.60	2.90	31.46	3.03	36.32	3.17	42.14	3.33	46.03	3.44	50.88	3.58

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS09L + FTXS09L + FDXS12L	60.8	23.45	2.34	28.17	2.46	32.89	2.58	37.61	2.70	43.27	2.84	47.05	2.94	51.77	3.06
	64.4	22.87	2.37	27.59	2.49	32.31	2.61	37.03	2.73	42.70	2.87	46.47	2.97	51.19	3.08
	68.0	22.30	2.39	27.02	2.51	31.74	2.63	36.46	2.75	42.12	2.90	45.90	2.99	50.62	3.11
	70.0	21.98	2.41	26.70	2.53	31.42	2.65	36.14	2.77	41.80	2.91	45.58	3.01	50.30	3.13
	71.6	21.72	2.42	26.44	2.54	31.16	2.66	35.88	2.78	41.54	2.92	45.32	3.02	50.04	3.14
	75.2	21.14	2.44	25.86	2.56	30.58	2.68	35.30	2.80	40.97	2.95	44.74	3.04	49.46	3.16
FTXS09L + FTXS09L + FDXS09L + FTXS12L	60.8	23.45	2.41	28.17	2.54	32.89	2.66	37.61	2.78	43.27	2.93	47.05	3.03	51.77	3.15
	64.4	22.87	2.44	27.59	2.56	32.31	2.69	37.03	2.81	42.70	2.96	46.47	3.06	51.19	3.18
	68.0	22.30	2.47	27.02	2.59	31.74	2.71	36.46	2.84	42.12	2.98	45.90	3.08	50.62	3.21
	70.0	21.98	2.48	26.70	2.60	31.42	2.73	36.14	2.85	41.80	3.00	45.58	3.10	50.30	3.22
	71.6	21.72	2.49	26.44	2.62	31.16	2.74	35.88	2.86	41.54	3.01	45.32	3.11	50.04	3.23
	75.2	21.14	2.52	25.86	2.64	30.58	2.77	35.30	2.89	40.97	3.04	44.74	3.14	49.46	3.26
FTXS09L + FTXS09L + FDXS09L + FDXS12L	60.8	22.72	2.16	27.29	2.27	31.87	2.38	36.44	2.50	41.93	2.63	45.59	2.72	50.16	2.83
	64.4	22.16	2.19	26.74	2.30	31.31	2.41	35.88	2.52	41.37	2.65	45.03	2.74	49.60	2.85
	68.0	21.60	2.21	26.18	2.32	30.75	2.43	35.32	2.54	40.81	2.68	44.47	2.77	49.04	2.88
	70.0	21.29	2.22	25.87	2.34	30.44	2.45	35.01	2.56	40.50	2.69	44.16	2.78	48.73	2.89
	71.6	21.04	2.24	25.62	2.35	30.19	2.46	34.76	2.57	40.25	2.70	43.91	2.79	48.48	2.90
	75.2	20.48	2.26	25.06	2.37	29.63	2.48	34.20	2.59	39.69	2.73	43.35	2.81	47.92	2.92
FTXS09L + FDXS09L + FDXS09L + FTXS12L	60.8	22.72	2.21	27.29	2.32	31.87	2.44	36.44	2.55	41.93	2.69	45.59	2.78	50.16	2.89
	64.4	22.16	2.24	26.74	2.35	31.31	2.46	35.88	2.58	41.37	2.71	45.03	2.80	49.60	2.92
	68.0	21.60	2.26	26.18	2.37	30.75	2.49	35.32	2.60	40.81	2.74	44.47	2.83	49.04	2.94
	70.0	21.29	2.27	25.87	2.39	30.44	2.50	35.01	2.61	40.50	2.75	44.16	2.84	48.73	2.95
	71.6	21.04	2.29	25.62	2.40	30.19	2.51	34.76	2.63	40.25	2.76	43.91	2.85	48.48	2.96
	75.2	20.48	2.31	25.06	2.42	29.63	2.54	34.20	2.65	39.69	2.79	43.35	2.88	47.92	2.99
FTXS09L + FDXS09L + FDXS09L + FDXS12L	60.8	22.05	2.06	26.49	2.16	30.92	2.27	35.36	2.37	40.69	2.50	44.24	2.59	48.67	2.69
	64.4	21.51	2.08	25.94	2.19	30.38	2.29	34.82	2.40	40.14	2.52	43.69	2.61	48.13	2.71
	68.0	20.96	2.10	25.40	2.21	29.84	2.32	34.28	2.42	39.60	2.55	43.15	2.63	47.59	2.74
	70.0	20.66	2.12	25.10	2.22	29.54	2.33	33.97	2.43	39.30	2.56	42.85	2.64	47.29	2.75
	71.6	20.42	2.13	24.86	2.23	29.30	2.34	33.73	2.44	39.06	2.57	42.61	2.65	47.05	2.76
	75.2	19.88	2.15	24.32	2.26	28.75	2.36	33.19	2.47	38.52	2.59	42.07	2.68	46.50	2.78
FDXS09L + FDXS09L + FDXS09L + FTXS12L	60.8	22.05	2.07	26.49	2.17	30.92	2.28	35.36	2.38	40.69	2.51	44.24	2.60	48.67	2.70
	64.4	21.51	2.09	25.94	2.20	30.38	2.30	34.82	2.41	40.14	2.53	43.69	2.62	48.13	2.72
	68.0	20.96	2.11	25.40	2.22	29.84	2.32	34.28	2.43	39.60	2.56	43.15	2.64	47.59	2.75
	70.0	20.66	2.13	25.10	2.23	29.54	2.34	33.97	2.44	39.30	2.57	42.85	2.65	47.29	2.76
	71.6	20.42	2.14	24.86	2.24	29.30	2.35	33.73	2.45	39.06	2.58	42.61	2.66	47.05	2.77
	75.2	19.88	2.16	24.32	2.26	28.75	2.37	33.19	2.48	38.52	2.60	42.07	2.69	46.50	2.79
FDXS09L + FDXS09L + FDXS09L + FDXS12L	60.8	21.32	2.00	25.61	2.10	29.90	2.21	34.19	2.31	39.34	2.43	42.77	2.51	47.06	2.62
	64.4	20.79	2.02	25.09	2.13	29.38	2.23	33.67	2.33	38.82	2.46	42.25	2.54	46.54	2.64
	68.0	20.27	2.05	24.56	2.15	28.85	2.25	33.14	2.35	38.29	2.48	41.72	2.56	46.02	2.66
	70.0	19.98	2.06	24.27	2.16	28.56	2.26	32.85	2.37	38.00	2.49	41.43	2.57	45.72	2.67
	71.6	19.75	2.07	24.04	2.17	28.33	2.27	32.62	2.38	37.77	2.50	41.20	2.58	45.49	2.68
	75.2	19.22	2.09	23.51	2.19	27.80	2.30	32.09	2.40	37.24	2.52	40.67	2.60	44.97	2.71
FTXS09L + FTXS09L + FTXS09L + FTXS15L	60.8	24.12	2.85	28.98	3.00	33.84	3.15	38.69	3.29	44.52	3.47	48.40	3.59	53.26	3.73
	64.4	23.53	2.89	28.39	3.03	33.24	3.18	38.10	3.32	43.92	3.50	47.81	3.62	52.66	3.76
	68.0	22.94	2.92	27.79	3.06	32.65	3.21	37.50	3.36	43.33	3.53	47.21	3.65	52.07	3.80
	70.0	22.61	2.94	27.46	3.08	32.32	3.23	37.17	3.37	43.00	3.55	46.88	3.67	51.74	3.81
	71.6	22.34	2.95	27.20	3.10	32.05	3.24	36.91	3.39	42.74	3.56	46.62	3.68	51.48	3.83
	75.2	21.75	2.98	26.60	3.13	31.46	3.27	36.32	3.42	42.14	3.60	46.03	3.71	50.88	3.86

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS09L + FTXS09L + CDXS15L	60.8	23.45	2.60	28.17	2.73	32.89	2.86	37.61	3.00	43.27	3.16	47.05	3.26	51.77	3.40
	64.4	22.87	2.63	27.59	2.76	32.31	2.89	37.03	3.03	42.70	3.18	46.47	3.29	51.19	3.42
	68.0	22.30	2.66	27.02	2.79	31.74	2.92	36.46	3.05	42.12	3.21	45.90	3.32	50.62	3.45
	70.0	21.98	2.67	26.70	2.80	31.42	2.94	36.14	3.07	41.80	3.23	45.58	3.34	50.30	3.47
	71.6	21.72	2.68	26.44	2.82	31.16	2.95	35.88	3.08	41.54	3.24	45.32	3.35	50.04	3.48
	75.2	21.14	2.71	25.86	2.85	30.58	2.98	35.30	3.11	40.97	3.27	44.74	3.38	49.46	3.51
FTXS09L + FTXS09L + FDXS09L + FTXS15L	60.8	23.45	2.77	28.17	2.92	32.89	3.06	37.61	3.20	43.27	3.37	47.05	3.48	51.77	3.63
	64.4	22.87	2.80	27.59	2.95	32.31	3.09	37.03	3.23	42.70	3.40	46.47	3.52	51.19	3.66
	68.0	22.30	2.84	27.02	2.98	31.74	3.12	36.46	3.26	42.12	3.43	45.90	3.55	50.62	3.69
	70.0	21.98	2.85	26.70	3.00	31.42	3.14	36.14	3.28	41.80	3.45	45.58	3.56	50.30	3.71
	71.6	21.72	2.87	26.44	3.01	31.16	3.15	35.88	3.29	41.54	3.46	45.32	3.58	50.04	3.72
	75.2	21.14	2.90	25.86	3.04	30.58	3.18	35.30	3.32	40.97	3.49	44.74	3.61	49.46	3.75
FTXS09L + FTXS09L + FDXS09L + CDXS15L	60.8	22.72	2.34	27.29	2.46	31.87	2.58	36.44	2.70	41.93	2.84	45.59	2.94	50.16	3.06
	64.4	22.16	2.37	26.74	2.49	31.31	2.61	35.88	2.73	41.37	2.87	45.03	2.97	49.60	3.08
	68.0	21.60	2.39	26.18	2.51	30.75	2.63	35.32	2.75	40.81	2.90	44.47	2.99	49.04	3.11
	70.0	21.29	2.41	25.87	2.53	30.44	2.65	35.01	2.77	40.50	2.91	44.16	3.01	48.73	3.13
	71.6	21.04	2.42	25.62	2.54	30.19	2.66	34.76	2.78	40.25	2.92	43.91	3.02	48.48	3.14
	75.2	20.48	2.44	25.06	2.56	29.63	2.68	34.20	2.80	39.69	2.95	43.35	3.04	47.92	3.16
FTXS09L + FDXS09L + FDXS09L + FTXS15L	60.8	22.72	2.43	27.29	2.55	31.87	2.68	36.44	2.80	41.93	2.95	45.59	3.05	50.16	3.17
	64.4	22.16	2.46	26.74	2.58	31.31	2.70	35.88	2.83	41.37	2.98	45.03	3.08	49.60	3.20
	68.0	21.60	2.48	26.18	2.61	30.75	2.73	35.32	2.86	40.81	3.00	44.47	3.10	49.04	3.23
	70.0	21.29	2.50	25.87	2.62	30.44	2.75	35.01	2.87	40.50	3.02	44.16	3.12	48.73	3.24
	71.6	21.04	2.51	25.62	2.63	30.19	2.76	34.76	2.88	40.25	3.03	43.91	3.13	48.48	3.26
	75.2	20.48	2.54	25.06	2.66	29.63	2.79	34.20	2.91	39.69	3.06	43.35	3.16	47.92	3.28
FTXS09L + FDXS09L + FDXS09L + CDXS15L	60.8	22.05	2.16	26.49	2.27	30.92	2.38	35.36	2.50	40.69	2.63	44.24	2.72	48.67	2.83
	64.4	21.51	2.19	25.94	2.30	30.38	2.41	34.82	2.52	40.14	2.65	43.69	2.74	48.13	2.85
	68.0	20.96	2.21	25.40	2.32	29.84	2.43	34.28	2.54	39.60	2.68	43.15	2.77	47.59	2.88
	70.0	20.66	2.22	25.10	2.34	29.54	2.45	33.97	2.56	39.30	2.69	42.85	2.78	47.29	2.89
	71.6	20.42	2.24	24.86	2.35	29.30	2.46	33.73	2.57	39.06	2.70	42.61	2.79	47.05	2.90
	75.2	19.88	2.26	24.32	2.37	28.75	2.48	33.19	2.59	38.52	2.73	42.07	2.81	46.50	2.92
FDXS09L + FDXS09L + FDXS09L + FTXS15L	60.8	22.05	2.20	26.49	2.32	30.92	2.43	35.36	2.54	40.69	2.68	44.24	2.77	48.67	2.88
	64.4	21.51	2.23	25.94	2.34	30.38	2.45	34.82	2.57	40.14	2.70	43.69	2.79	48.13	2.90
	68.0	20.96	2.25	25.40	2.37	29.84	2.48	34.28	2.59	39.60	2.73	43.15	2.82	47.59	2.93
	70.0	20.66	2.27	25.10	2.38	29.54	2.49	33.97	2.60	39.30	2.74	42.85	2.83	47.29	2.94
	71.6	20.42	2.28	24.86	2.39	29.30	2.50	33.73	2.62	39.06	2.75	42.61	2.84	47.05	2.95
	75.2	19.88	2.30	24.32	2.41	28.75	2.53	33.19	2.64	38.52	2.78	42.07	2.87	46.50	2.98
FDXS09L + FDXS09L + FDXS09L + CDXS15L	60.8	21.32	2.07	25.61	2.17	29.90	2.28	34.19	2.38	39.34	2.51	42.77	2.60	47.06	2.70
	64.4	20.79	2.09	25.09	2.20	29.38	2.30	33.67	2.41	38.82	2.53	42.25	2.62	46.54	2.72
	68.0	20.27	2.11	24.56	2.22	28.85	2.32	33.14	2.43	38.29	2.56	41.72	2.64	46.02	2.75
	70.0	19.98	2.13	24.27	2.23	28.56	2.34	32.85	2.44	38.00	2.57	41.43	2.65	45.72	2.76
	71.6	19.75	2.14	24.04	2.24	28.33	2.35	32.62	2.45	37.77	2.58	41.20	2.66	45.49	2.77
	75.2	19.22	2.16	23.51	2.26	27.80	2.37	32.09	2.48	37.24	2.60	40.67	2.69	44.97	2.79
FTXS09L + FTXS09L + FTXS09L + FTXS18L	60.8	24.12	2.85	28.98	2.99	33.84	3.14	38.69	3.28	44.52	3.46	48.40	3.58	53.26	3.72
	64.4	23.53	2.88	28.39	3.02	33.24	3.17	38.10	3.32	43.92	3.49	47.81	3.61	52.66	3.75
	68.0	22.94	2.91	27.79	3.06	32.65	3.20	37.50	3.35	43.33	3.52	47.21	3.64	52.07	3.78
	70.0	22.61	2.93	27.46	3.07	32.32	3.22	37.17	3.37	43.00	3.54	46.88	3.66	51.74	3.80
	71.6	22.34	2.94	27.20	3.09	32.05	3.23	36.91	3.38	42.74	3.55	46.62	3.67	51.48	3.82
	75.2	21.75	2.97	26.60	3.12	31.46	3.27	36.32	3.41	42.14	3.59	46.03	3.70	50.88	3.85

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS09L + FTXS09L + CDXS18L	60.8	23.45	2.59	28.17	2.72	32.89	2.85	37.61	2.99	43.27	3.15	47.05	3.25	51.77	3.38
	64.4	22.87	2.62	27.59	2.75	32.31	2.88	37.03	3.02	42.70	3.17	46.47	3.28	51.19	3.41
	68.0	22.30	2.65	27.02	2.78	31.74	2.91	36.46	3.04	42.12	3.20	45.90	3.31	50.62	3.44
	70.0	21.98	2.66	26.70	2.80	31.42	2.93	36.14	3.06	41.80	3.22	45.58	3.33	50.30	3.46
	71.6	21.72	2.68	26.44	2.81	31.16	2.94	35.88	3.07	41.54	3.23	45.32	3.34	50.04	3.47
	75.2	21.14	2.70	25.86	2.84	30.58	2.97	35.30	3.10	40.97	3.26	44.74	3.37	49.46	3.50
FTXS09L + FTXS09L + FDXS09L + FTXS18L	60.8	23.45	2.80	28.17	2.94	32.89	3.08	37.61	3.23	43.27	3.40	47.05	3.51	51.77	3.66
	64.4	22.87	2.83	27.59	2.97	32.31	3.12	37.03	3.26	42.70	3.43	46.47	3.55	51.19	3.69
	68.0	22.30	2.86	27.02	3.00	31.74	3.15	36.46	3.29	42.12	3.46	45.90	3.58	50.62	3.72
	70.0	21.98	2.88	26.70	3.02	31.42	3.16	36.14	3.31	41.80	3.48	45.58	3.59	50.30	3.74
	71.6	21.72	2.89	26.44	3.04	31.16	3.18	35.88	3.32	41.54	3.49	45.32	3.61	50.04	3.75
	75.2	21.14	2.92	25.86	3.07	30.58	3.21	35.30	3.35	40.97	3.53	44.74	3.64	49.46	3.78
FTXS09L + FTXS09L + FDXS09L + CDXS18L	60.8	22.72	2.33	27.29	2.45	31.87	2.57	36.44	2.69	41.93	2.83	45.59	2.93	50.16	3.05
	64.4	22.16	2.36	26.74	2.48	31.31	2.60	35.88	2.72	41.37	2.86	45.03	2.95	49.60	3.07
	68.0	21.60	2.38	26.18	2.50	30.75	2.62	35.32	2.74	40.81	2.89	44.47	2.98	49.04	3.10
	70.0	21.29	2.40	25.87	2.52	30.44	2.64	35.01	2.76	40.50	2.90	44.16	3.00	48.73	3.11
	71.6	21.04	2.41	25.62	2.53	30.19	2.65	34.76	2.77	40.25	2.91	43.91	3.01	48.48	3.13
	75.2	20.48	2.44	25.06	2.56	29.63	2.68	34.20	2.79	39.69	2.94	43.35	3.03	47.92	3.15
FTXS09L + FDXS09L + FDXS09L + FTXS18L	60.8	22.72	2.48	27.29	2.61	31.87	2.74	36.44	2.87	41.93	3.02	45.59	3.12	50.16	3.25
	64.4	22.16	2.51	26.74	2.64	31.31	2.77	35.88	2.89	41.37	3.05	45.03	3.15	49.60	3.28
	68.0	21.60	2.54	26.18	2.67	30.75	2.79	35.32	2.92	40.81	3.07	44.47	3.18	49.04	3.30
	70.0	21.29	2.56	25.87	2.68	30.44	2.81	35.01	2.94	40.50	3.09	44.16	3.19	48.73	3.32
	71.6	21.04	2.57	25.62	2.70	30.19	2.82	34.76	2.95	40.25	3.10	43.91	3.20	48.48	3.33
	75.2	20.48	2.60	25.06	2.72	29.63	2.85	34.20	2.98	39.69	3.13	43.35	3.23	47.92	3.36
FTXS09L + FDXS09L + FDXS09L + CDXS18L	60.8	22.05	2.15	26.49	2.27	30.92	2.38	35.36	2.49	40.69	2.62	44.24	2.71	48.67	2.82
	64.4	21.51	2.18	25.94	2.29	30.38	2.40	34.82	2.51	40.14	2.64	43.69	2.73	48.13	2.84
	68.0	20.96	2.20	25.40	2.31	29.84	2.42	34.28	2.53	39.60	2.67	43.15	2.75	47.59	2.87
	70.0	20.66	2.22	25.10	2.33	29.54	2.44	33.97	2.55	39.30	2.68	42.85	2.77	47.29	2.88
	71.6	20.42	2.23	24.86	2.34	29.30	2.45	33.73	2.56	39.06	2.69	42.61	2.78	47.05	2.89
	75.2	19.88	2.25	24.32	2.36	28.75	2.47	33.19	2.58	38.52	2.71	42.07	2.80	46.50	2.91
FDXS09L + FDXS09L + FDXS09L + FTXS18L	60.8	22.05	2.22	26.49	2.33	30.92	2.45	35.36	2.56	40.69	2.70	44.24	2.79	48.67	2.90
	64.4	21.51	2.24	25.94	2.36	30.38	2.47	34.82	2.58	40.14	2.72	43.69	2.81	48.13	2.93
	68.0	20.96	2.27	25.40	2.38	29.84	2.50	34.28	2.61	39.60	2.75	43.15	2.84	47.59	2.95
	70.0	20.66	2.28	25.10	2.40	29.54	2.51	33.97	2.62	39.30	2.76	42.85	2.85	47.29	2.96
	71.6	20.42	2.29	24.86	2.41	29.30	2.52	33.73	2.63	39.06	2.77	42.61	2.86	47.05	2.98
	75.2	19.88	2.32	24.32	2.43	28.75	2.55	33.19	2.66	38.52	2.80	42.07	2.89	46.50	3.00
FDXS09L + FDXS09L + FDXS09L + CDXS18L	60.8	21.32	2.06	25.61	2.16	29.90	2.27	34.19	2.37	39.34	2.50	42.77	2.59	47.06	2.69
	64.4	20.79	2.08	25.09	2.19	29.38	2.29	33.67	2.40	38.82	2.52	42.25	2.61	46.54	2.71
	68.0	20.27	2.10	24.56	2.21	28.85	2.32	33.14	2.42	38.29	2.55	41.72	2.63	46.02	2.74
	70.0	19.98	2.12	24.27	2.22	28.56	2.33	32.85	2.43	38.00	2.56	41.43	2.64	45.72	2.75
	71.6	19.75	2.13	24.04	2.23	28.33	2.34	32.62	2.44	37.77	2.57	41.20	2.65	45.49	2.76
	75.2	19.22	2.15	23.51	2.26	27.80	2.36	32.09	2.47	37.24	2.59	40.67	2.68	44.97	2.78
FTXS09L + FTXS09L + FTXS12L + FTXS12L	60.8	24.12	2.73	28.98	2.87	33.84	3.01	38.69	3.15	44.52	3.32	48.40	3.43	53.26	3.57
	64.4	23.53	2.76	28.39	2.90	33.24	3.04	38.10	3.18	43.92	3.35	47.81	3.46	52.66	3.60
	68.0	22.94	2.79	27.79	2.93	32.65	3.07	37.50	3.21	43.33	3.38	47.21	3.49	52.07	3.64
	70.0	22.61	2.81	27.46	2.95	32.32	3.09	37.17	3.23	43.00	3.40	46.88	3.51	51.74	3.65
	71.6	22.34	2.83	27.20	2.97	32.05	3.11	36.91	3.25	42.74	3.41	46.62	3.53	51.48	3.67
	75.2	21.75	2.86	26.60	3.00	31.46	3.14	36.32	3.28	42.14	3.44	46.03	3.56	50.88	3.70

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS09L + FTXS12L + FDXS12L	60.8	23.45	2.41	28.17	2.54	32.89	2.66	37.61	2.78	43.27	2.93	47.05	3.03	51.77	3.15
	64.4	22.87	2.44	27.59	2.56	32.31	2.69	37.03	2.81	42.70	2.96	46.47	3.06	51.19	3.18
	68.0	22.30	2.47	27.02	2.59	31.74	2.71	36.46	2.84	42.12	2.98	45.90	3.08	50.62	3.21
	70.0	21.98	2.48	26.70	2.60	31.42	2.73	36.14	2.85	41.80	3.00	45.58	3.10	50.30	3.22
	71.6	21.72	2.49	26.44	2.62	31.16	2.74	35.88	2.86	41.54	3.01	45.32	3.11	50.04	3.23
	75.2	21.14	2.52	25.86	2.64	30.58	2.77	35.30	2.89	40.97	3.04	44.74	3.14	49.46	3.26
FTXS09L + FDXS09L + FDXS12L + FDXS12L	60.8	22.72	2.16	27.29	2.27	31.87	2.38	36.44	2.50	41.93	2.63	45.59	2.72	50.16	2.83
	64.4	22.16	2.19	26.74	2.30	31.31	2.41	35.88	2.52	41.37	2.65	45.03	2.74	49.60	2.85
	68.0	21.60	2.21	26.18	2.32	30.75	2.43	35.32	2.54	40.81	2.68	44.47	2.77	49.04	2.88
	70.0	21.29	2.22	25.87	2.34	30.44	2.45	35.01	2.56	40.50	2.69	44.16	2.78	48.73	2.89
	71.6	21.04	2.24	25.62	2.35	30.19	2.46	34.76	2.57	40.25	2.70	43.91	2.79	48.48	2.90
	75.2	20.48	2.26	25.06	2.37	29.63	2.48	34.20	2.59	39.69	2.73	43.35	2.81	47.92	2.92
FTXS09L + FDXS09L + FTXS12L + FTXS12L	60.8	23.45	2.44	28.17	2.57	32.89	2.69	37.61	2.82	43.27	2.97	47.05	3.07	51.77	3.20
	64.4	22.87	2.47	27.59	2.60	32.31	2.72	37.03	2.85	42.70	3.00	46.47	3.10	51.19	3.22
	68.0	22.30	2.50	27.02	2.62	31.74	2.75	36.46	2.87	42.12	3.02	45.90	3.12	50.62	3.25
	70.0	21.98	2.51	26.70	2.64	31.42	2.76	36.14	2.89	41.80	3.04	45.58	3.14	50.30	3.27
	71.6	21.72	2.53	26.44	2.65	31.16	2.78	35.88	2.90	41.54	3.05	45.32	3.15	50.04	3.28
	75.2	21.14	2.55	25.86	2.68	30.58	2.80	35.30	2.93	40.97	3.08	44.74	3.18	49.46	3.30
FTXS09L + FDXS09L + FTXS12L + FDXS12L	60.8	22.72	2.18	27.29	2.29	31.87	2.40	36.44	2.51	41.93	2.65	45.59	2.74	50.16	2.85
	64.4	22.16	2.20	26.74	2.31	31.31	2.43	35.88	2.54	41.37	2.67	45.03	2.76	49.60	2.87
	68.0	21.60	2.23	26.18	2.34	30.75	2.45	35.32	2.56	40.81	2.70	44.47	2.79	49.04	2.90
	70.0	21.29	2.24	25.87	2.35	30.44	2.46	35.01	2.58	40.50	2.71	44.16	2.80	48.73	2.91
	71.6	21.04	2.25	25.62	2.36	30.19	2.48	34.76	2.59	40.25	2.72	43.91	2.81	48.48	2.92
	75.2	20.48	2.28	25.06	2.39	29.63	2.50	34.20	2.61	39.69	2.75	43.35	2.83	47.92	2.95
FTXS09L + FDXS09L + FDXS12L + FDXS12L	60.8	22.05	2.06	26.49	2.16	30.92	2.27	35.36	2.37	40.69	2.50	44.24	2.59	48.67	2.69
	64.4	21.51	2.08	25.94	2.19	30.38	2.29	34.82	2.40	40.14	2.52	43.69	2.61	48.13	2.71
	68.0	20.96	2.10	25.40	2.21	29.84	2.32	34.28	2.42	39.60	2.55	43.15	2.63	47.59	2.74
	70.0	20.66	2.12	25.10	2.22	29.54	2.33	33.97	2.43	39.30	2.56	42.85	2.64	47.29	2.75
	71.6	20.42	2.13	24.86	2.23	29.30	2.34	33.73	2.44	39.06	2.57	42.61	2.65	47.05	2.76
	75.2	19.88	2.15	24.32	2.26	28.75	2.36	33.19	2.47	38.52	2.59	42.07	2.68	46.50	2.78
FDXS09L + FDXS09L + FTXS12L + FTXS12L	60.8	22.72	2.24	27.29	2.35	31.87	2.46	36.44	2.58	41.93	2.72	45.59	2.81	50.16	2.92
	64.4	22.16	2.26	26.74	2.37	31.31	2.49	35.88	2.60	41.37	2.74	45.03	2.83	49.60	2.95
	68.0	21.60	2.29	26.18	2.40	30.75	2.51	35.32	2.63	40.81	2.77	44.47	2.86	49.04	2.97
	70.0	21.29	2.30	25.87	2.41	30.44	2.53	35.01	2.64	40.50	2.78	44.16	2.87	48.73	2.99
	71.6	21.04	2.31	25.62	2.42	30.19	2.54	34.76	2.65	40.25	2.79	43.91	2.88	48.48	3.00
	75.2	20.48	2.34	25.06	2.45	29.63	2.56	34.20	2.68	39.69	2.82	43.35	2.91	47.92	3.02
FDXS09L + FDXS09L + FTXS12L + FDXS12L	60.8	22.05	2.07	26.49	2.17	30.92	2.28	35.36	2.38	40.69	2.51	44.24	2.60	48.67	2.70
	64.4	21.51	2.09	25.94	2.20	30.38	2.30	34.82	2.41	40.14	2.53	43.69	2.62	48.13	2.72
	68.0	20.96	2.11	25.40	2.22	29.84	2.32	34.28	2.43	39.60	2.56	43.15	2.64	47.59	2.75
	70.0	20.66	2.13	25.10	2.23	29.54	2.34	33.97	2.44	39.30	2.57	42.85	2.65	47.29	2.76
	71.6	20.42	2.14	24.86	2.24	29.30	2.35	33.73	2.45	39.06	2.58	42.61	2.66	47.05	2.77
	75.2	19.88	2.16	24.32	2.26	28.75	2.37	33.19	2.48	38.52	2.60	42.07	2.69	46.50	2.79
FDXS09L + FDXS09L + FDXS12L + FDXS12L	60.8	21.32	2.00	25.61	2.10	29.90	2.21	34.19	2.31	39.34	2.43	42.77	2.51	47.06	2.62
	64.4	20.79	2.02	25.09	2.13	29.38	2.23	33.67	2.33	38.82	2.46	42.25	2.54	46.54	2.64
	68.0	20.27	2.05	24.56	2.15	28.85	2.25	33.14	2.35	38.29	2.48	41.72	2.56	46.02	2.66
	70.0	19.98	2.06	24.27	2.16	28.56	2.26	32.85	2.37	38.00	2.49	41.43	2.57	45.72	2.67
	71.6	19.75	2.07	24.04	2.17	28.33	2.27	32.62	2.38	37.77	2.50	41.20	2.58	45.49	2.68
	75.2	19.22	2.09	23.51	2.19	27.80	2.30	32.09	2.40	37.24	2.52	40.67	2.60	44.97	2.71

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS09L + FTXS12L + FTXS15L	60.8	24.12	2.85	28.98	2.99	33.84	3.14	38.69	3.28	44.52	3.46	48.40	3.58	53.26	3.72
	64.4	23.53	2.88	28.39	3.02	33.24	3.17	38.10	3.32	43.92	3.49	47.81	3.61	52.66	3.75
	68.0	22.94	2.91	27.79	3.06	32.65	3.20	37.50	3.35	43.33	3.52	47.21	3.64	52.07	3.78
	70.0	22.61	2.93	27.46	3.07	32.32	3.22	37.17	3.37	43.00	3.54	46.88	3.66	51.74	3.80
	71.6	22.34	2.94	27.20	3.09	32.05	3.23	36.91	3.38	42.74	3.55	46.62	3.67	51.48	3.82
	75.2	21.75	2.97	26.60	3.12	31.46	3.27	36.32	3.41	42.14	3.59	46.03	3.70	50.88	3.85
FTXS09L + FTXS09L + FTXS12L + CDXS15L	60.8	23.45	2.64	28.17	2.77	32.89	2.91	37.61	3.04	43.27	3.20	47.05	3.31	51.77	3.45
	64.4	22.87	2.67	27.59	2.80	32.31	2.94	37.03	3.07	42.70	3.23	46.47	3.34	51.19	3.48
	68.0	22.30	2.70	27.02	2.83	31.74	2.97	36.46	3.10	42.12	3.26	45.90	3.37	50.62	3.51
	70.0	21.98	2.71	26.70	2.85	31.42	2.98	36.14	3.12	41.80	3.28	45.58	3.39	50.30	3.52
	71.6	21.72	2.73	26.44	2.86	31.16	3.00	35.88	3.13	41.54	3.29	45.32	3.40	50.04	3.54
	75.2	21.14	2.76	25.86	2.89	30.58	3.03	35.30	3.16	40.97	3.32	44.74	3.43	49.46	3.57
FTXS09L + FTXS09L + FDXS12L + FTXS15L	60.8	23.45	2.77	28.17	2.92	32.89	3.06	37.61	3.20	43.27	3.37	47.05	3.48	51.77	3.63
	64.4	22.87	2.80	27.59	2.95	32.31	3.09	37.03	3.23	42.70	3.40	46.47	3.52	51.19	3.66
	68.0	22.30	2.84	27.02	2.98	31.74	3.12	36.46	3.26	42.12	3.43	45.90	3.55	50.62	3.69
	70.0	21.98	2.85	26.70	3.00	31.42	3.14	36.14	3.28	41.80	3.45	45.58	3.56	50.30	3.71
	71.6	21.72	2.87	26.44	3.01	31.16	3.15	35.88	3.29	41.54	3.46	45.32	3.58	50.04	3.72
	75.2	21.14	2.90	25.86	3.04	30.58	3.18	35.30	3.32	40.97	3.49	44.74	3.61	49.46	3.75
FTXS09L + FTXS09L + FDXS12L + CDXS15L	60.8	22.72	2.34	27.29	2.46	31.87	2.58	36.44	2.70	41.93	2.84	45.59	2.94	50.16	3.06
	64.4	22.16	2.37	26.74	2.49	31.31	2.61	35.88	2.73	41.37	2.87	45.03	2.97	49.60	3.08
	68.0	21.60	2.39	26.18	2.51	30.75	2.63	35.32	2.75	40.81	2.90	44.47	2.99	49.04	3.11
	70.0	21.29	2.41	25.87	2.53	30.44	2.65	35.01	2.77	40.50	2.91	44.16	3.01	48.73	3.13
	71.6	21.04	2.42	25.62	2.54	30.19	2.66	34.76	2.78	40.25	2.92	43.91	3.02	48.48	3.14
	75.2	20.48	2.44	25.06	2.56	29.63	2.68	34.20	2.80	39.69	2.95	43.35	3.04	47.92	3.16
FTXS09L + FDXS09L + FTXS12L + FTXS15L	60.8	23.45	2.83	28.17	2.98	32.89	3.12	37.61	3.27	43.27	3.44	47.05	3.55	51.77	3.70
	64.4	22.87	2.86	27.59	3.01	32.31	3.15	37.03	3.30	42.70	3.47	46.47	3.59	51.19	3.73
	68.0	22.30	2.89	27.02	3.04	31.74	3.18	36.46	3.33	42.12	3.50	45.90	3.62	50.62	3.76
	70.0	21.98	2.91	26.70	3.06	31.42	3.20	36.14	3.35	41.80	3.52	45.58	3.64	50.30	3.78
	71.6	21.72	2.93	26.44	3.07	31.16	3.22	35.88	3.36	41.54	3.53	45.32	3.65	50.04	3.80
	75.2	21.14	2.96	25.86	3.10	30.58	3.25	35.30	3.39	40.97	3.57	44.74	3.68	49.46	3.83
FTXS09L + FDXS09L + FTXS12L + CDXS15L	60.8	22.72	2.36	27.29	2.48	31.87	2.61	36.44	2.73	41.93	2.87	45.59	2.97	50.16	3.09
	64.4	22.16	2.39	26.74	2.51	31.31	2.63	35.88	2.75	41.37	2.90	45.03	3.00	49.60	3.12
	68.0	21.60	2.42	26.18	2.54	30.75	2.66	35.32	2.78	40.81	2.93	44.47	3.02	49.04	3.14
	70.0	21.29	2.43	25.87	2.55	30.44	2.67	35.01	2.79	40.50	2.94	44.16	3.04	48.73	3.16
	71.6	21.04	2.44	25.62	2.56	30.19	2.69	34.76	2.81	40.25	2.95	43.91	3.05	48.48	3.17
	75.2	20.48	2.47	25.06	2.59	29.63	2.71	34.20	2.83	39.69	2.98	43.35	3.08	47.92	3.20
FTXS09L + FDXS09L + FDXS12L + FTXS15L	60.8	22.72	2.43	27.29	2.55	31.87	2.68	36.44	2.80	41.93	2.95	45.59	3.05	50.16	3.17
	64.4	22.16	2.46	26.74	2.58	31.31	2.70	35.88	2.83	41.37	2.98	45.03	3.08	49.60	3.20
	68.0	21.60	2.48	26.18	2.61	30.75	2.73	35.32	2.86	40.81	3.00	44.47	3.10	49.04	3.23
	70.0	21.29	2.50	25.87	2.62	30.44	2.75	35.01	2.87	40.50	3.02	44.16	3.12	48.73	3.24
	71.6	21.04	2.51	25.62	2.63	30.19	2.76	34.76	2.88	40.25	3.03	43.91	3.13	48.48	3.26
	75.2	20.48	2.54	25.06	2.66	29.63	2.79	34.20	2.91	39.69	3.06	43.35	3.16	47.92	3.28
FTXS09L + FDXS09L + FDXS12L + CDXS15L	60.8	22.05	2.16	26.49	2.27	30.92	2.38	35.36	2.50	40.69	2.63	44.24	2.72	48.67	2.83
	64.4	21.51	2.19	25.94	2.30	30.38	2.41	34.82	2.52	40.14	2.65	43.69	2.74	48.13	2.85
	68.0	20.96	2.21	25.40	2.32	29.84	2.43	34.28	2.54	39.60	2.68	43.15	2.77	47.59	2.88
	70.0	20.66	2.22	25.10	2.34	29.54	2.45	33.97	2.56	39.30	2.69	42.85	2.78	47.29	2.89
	71.6	20.42	2.24	24.86	2.35	29.30	2.46	33.73	2.57	39.06	2.70	42.61	2.79	47.05	2.90
	75.2	19.88	2.26	24.32	2.37	28.75	2.48	33.19	2.59	38.52	2.73	42.07	2.81	46.50	2.92

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FDXS09L + FTXS12L + FTXS15L	60.8	22.72	2.51	27.29	2.64	31.87	2.77	36.44	2.89	41.93	3.05	45.59	3.15	50.16	3.28
	64.4	22.16	2.54	26.74	2.67	31.31	2.79	35.88	2.92	41.37	3.08	45.03	3.18	49.60	3.31
	68.0	21.60	2.56	26.18	2.69	30.75	2.82	35.32	2.95	40.81	3.10	44.47	3.21	49.04	3.34
	70.0	21.29	2.58	25.87	2.71	30.44	2.84	35.01	2.97	40.50	3.12	44.16	3.22	48.73	3.35
	71.6	21.04	2.59	25.62	2.72	30.19	2.85	34.76	2.98	40.25	3.13	43.91	3.24	48.48	3.36
	75.2	20.48	2.62	25.06	2.75	29.63	2.88	34.20	3.01	39.69	3.16	43.35	3.26	47.92	3.39
FDXS09L + FDXS09L + FTXS12L + CDXS15L	60.8	22.05	2.22	26.49	2.33	30.92	2.45	35.36	2.56	40.69	2.70	44.24	2.79	48.67	2.90
	64.4	21.51	2.24	25.94	2.36	30.38	2.47	34.82	2.58	40.14	2.72	43.69	2.81	48.13	2.93
	68.0	20.96	2.27	25.40	2.38	29.84	2.50	34.28	2.61	39.60	2.75	43.15	2.84	47.59	2.95
	70.0	20.66	2.28	25.10	2.40	29.54	2.51	33.97	2.62	39.30	2.76	42.85	2.85	47.29	2.96
	71.6	20.42	2.29	24.86	2.41	29.30	2.52	33.73	2.63	39.06	2.77	42.61	2.86	47.05	2.98
	75.2	19.88	2.32	24.32	2.43	28.75	2.55	33.19	2.66	38.52	2.80	42.07	2.89	46.50	3.00
FDXS09L + FDXS09L + FDXS12L + FTXS15L	60.8	22.05	2.20	26.49	2.32	30.92	2.43	35.36	2.54	40.69	2.68	44.24	2.77	48.67	2.88
	64.4	21.51	2.23	25.94	2.34	30.38	2.45	34.82	2.57	40.14	2.70	43.69	2.79	48.13	2.90
	68.0	20.96	2.25	25.40	2.37	29.84	2.48	34.28	2.59	39.60	2.73	43.15	2.82	47.59	2.93
	70.0	20.66	2.27	25.10	2.38	29.54	2.49	33.97	2.60	39.30	2.74	42.85	2.83	47.29	2.94
	71.6	20.42	2.28	24.86	2.39	29.30	2.50	33.73	2.62	39.06	2.75	42.61	2.84	47.05	2.95
	75.2	19.88	2.30	24.32	2.41	28.75	2.53	33.19	2.64	38.52	2.78	42.07	2.87	46.50	2.98
FDXS09L + FDXS09L + FDXS12L + CDXS15L	60.8	21.32	2.07	25.61	2.17	29.90	2.28	34.19	2.38	39.34	2.51	42.77	2.60	47.06	2.70
	64.4	20.79	2.09	25.09	2.20	29.38	2.30	33.67	2.41	38.82	2.53	42.25	2.62	46.54	2.72
	68.0	20.27	2.11	24.56	2.22	28.85	2.32	33.14	2.43	38.29	2.56	41.72	2.64	46.02	2.75
	70.0	19.98	2.13	24.27	2.23	28.56	2.34	32.85	2.44	38.00	2.57	41.43	2.65	45.72	2.76
	71.6	19.75	2.14	24.04	2.24	28.33	2.35	32.62	2.45	37.77	2.58	41.20	2.66	45.49	2.77
	75.2	19.22	2.16	23.51	2.26	27.80	2.37	32.09	2.48	37.24	2.60	40.67	2.69	44.97	2.79
FTXS09L + FTXS09L + FTXS12L + FTXS18L	60.8	24.12	2.85	28.98	2.99	33.84	3.14	38.69	3.28	44.52	3.46	48.40	3.58	53.26	3.72
	64.4	23.53	2.88	28.39	3.02	33.24	3.17	38.10	3.32	43.92	3.49	47.81	3.61	52.66	3.75
	68.0	22.94	2.91	27.79	3.06	32.65	3.20	37.50	3.35	43.33	3.52	47.21	3.64	52.07	3.78
	70.0	22.61	2.93	27.46	3.07	32.32	3.22	37.17	3.37	43.00	3.54	46.88	3.66	51.74	3.80
	71.6	22.34	2.94	27.20	3.09	32.05	3.23	36.91	3.38	42.74	3.55	46.62	3.67	51.48	3.82
	75.2	21.75	2.97	26.60	3.12	31.46	3.27	36.32	3.41	42.14	3.59	46.03	3.70	50.88	3.85
FTXS09L + FTXS09L + FTXS12L + CDXS18L	60.8	23.45	2.63	28.17	2.76	32.89	2.90	37.61	3.03	43.27	3.19	47.05	3.30	51.77	3.44
	64.4	22.87	2.66	27.59	2.79	32.31	2.93	37.03	3.06	42.70	3.22	46.47	3.33	51.19	3.47
	68.0	22.30	2.69	27.02	2.82	31.74	2.96	36.46	3.09	42.12	3.25	45.90	3.36	50.62	3.50
	70.0	21.98	2.70	26.70	2.84	31.42	2.97	36.14	3.11	41.80	3.27	45.58	3.38	50.30	3.51
	71.6	21.72	2.72	26.44	2.85	31.16	2.99	35.88	3.12	41.54	3.28	45.32	3.39	50.04	3.53
	75.2	21.14	2.75	25.86	2.88	30.58	3.02	35.30	3.15	40.97	3.31	44.74	3.42	49.46	3.55
FTXS09L + FDXS09L + FDXS12L + FTXS18L	60.8	23.45	2.80	28.17	2.94	32.89	3.08	37.61	3.23	43.27	3.40	47.05	3.51	51.77	3.66
	64.4	22.87	2.83	27.59	2.97	32.31	3.12	37.03	3.26	42.70	3.43	46.47	3.55	51.19	3.69
	68.0	22.30	2.86	27.02	3.00	31.74	3.15	36.46	3.29	42.12	3.46	45.90	3.58	50.62	3.72
	70.0	21.98	2.88	26.70	3.02	31.42	3.16	36.14	3.31	41.80	3.48	45.58	3.59	50.30	3.74
	71.6	21.72	2.89	26.44	3.04	31.16	3.18	35.88	3.32	41.54	3.49	45.32	3.61	50.04	3.75
	75.2	21.14	2.92	25.86	3.07	30.58	3.21	35.30	3.35	40.97	3.53	44.74	3.64	49.46	3.78
FTXS09L + FTXS09L + FDXS12L + CDXS18L	60.8	22.72	2.33	27.29	2.45	31.87	2.57	36.44	2.69	41.93	2.83	45.59	2.93	50.16	3.05
	64.4	22.16	2.36	26.74	2.48	31.31	2.60	35.88	2.72	41.37	2.86	45.03	2.95	49.60	3.07
	68.0	21.60	2.38	26.18	2.50	30.75	2.62	35.32	2.74	40.81	2.89	44.47	2.98	49.04	3.10
	70.0	21.29	2.40	25.87	2.52	30.44	2.64	35.01	2.76	40.50	2.90	44.16	3.00	48.73	3.11
	71.6	21.04	2.41	25.62	2.53	30.19	2.65	34.76	2.77	40.25	2.91	43.91	3.01	48.48	3.13
	75.2	20.48	2.44	25.06	2.56	29.63	2.68	34.20	2.79	39.69	2.94	43.35	3.03	47.92	3.15

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FDXS09L + FTXS12L + FTXS18L	60.8	23.45	2.85	28.17	3.00	32.89	3.15	37.61	3.29	43.27	3.47	47.05	3.59	51.77	3.73
	64.4	22.87	2.89	27.59	3.03	32.31	3.18	37.03	3.32	42.70	3.50	46.47	3.62	51.19	3.76
	68.0	22.30	2.92	27.02	3.06	31.74	3.21	36.46	3.36	42.12	3.53	45.90	3.65	50.62	3.80
	70.0	21.98	2.94	26.70	3.08	31.42	3.23	36.14	3.37	41.80	3.55	45.58	3.67	50.30	3.81
	71.6	21.72	2.95	26.44	3.10	31.16	3.24	35.88	3.39	41.54	3.56	45.32	3.68	50.04	3.83
	75.2	21.14	2.98	25.86	3.13	30.58	3.27	35.30	3.42	40.97	3.60	44.74	3.71	49.46	3.86
FTXS09L + FDXS09L + FTXS12L + CDXS18L	60.8	22.72	2.36	27.29	2.48	31.87	2.60	36.44	2.72	41.93	2.86	45.59	2.96	50.16	3.08
	64.4	22.16	2.38	26.74	2.50	31.31	2.62	35.88	2.74	41.37	2.89	45.03	2.99	49.60	3.11
	68.0	21.60	2.41	26.18	2.53	30.75	2.65	35.32	2.77	40.81	2.92	44.47	3.01	49.04	3.13
	70.0	21.29	2.42	25.87	2.54	30.44	2.66	35.01	2.79	40.50	2.93	44.16	3.03	48.73	3.15
	71.6	21.04	2.43	25.62	2.56	30.19	2.68	34.76	2.80	40.25	2.94	43.91	3.04	48.48	3.16
	75.2	20.48	2.46	25.06	2.58	29.63	2.70	34.20	2.82	39.69	2.97	43.35	3.06	47.92	3.19
FTXS09L + FDXS09L + FTXS12L + FTXS18L	60.8	22.72	2.48	27.29	2.61	31.87	2.74	36.44	2.87	41.93	3.02	45.59	3.12	50.16	3.25
	64.4	22.16	2.51	26.74	2.64	31.31	2.77	35.88	2.89	41.37	3.05	45.03	3.15	49.60	3.28
	68.0	21.60	2.54	26.18	2.67	30.75	2.79	35.32	2.92	40.81	3.07	44.47	3.18	49.04	3.30
	70.0	21.29	2.56	25.87	2.68	30.44	2.81	35.01	2.94	40.50	3.09	44.16	3.19	48.73	3.32
	71.6	21.04	2.57	25.62	2.70	30.19	2.82	34.76	2.95	40.25	3.10	43.91	3.20	48.48	3.33
	75.2	20.48	2.60	25.06	2.72	29.63	2.85	34.20	2.98	39.69	3.13	43.35	3.23	47.92	3.36
FTXS09L + FDXS09L + FDXS12L + CDXS18L	60.8	22.05	2.15	26.49	2.27	30.92	2.38	35.36	2.49	40.69	2.62	44.24	2.71	48.67	2.82
	64.4	21.51	2.18	25.94	2.29	30.38	2.40	34.82	2.51	40.14	2.64	43.69	2.73	48.13	2.84
	68.0	20.96	2.20	25.40	2.31	29.84	2.42	34.28	2.53	39.60	2.67	43.15	2.75	47.59	2.87
	70.0	20.66	2.22	25.10	2.33	29.54	2.44	33.97	2.55	39.30	2.68	42.85	2.77	47.29	2.88
	71.6	20.42	2.23	24.86	2.34	29.30	2.45	33.73	2.56	39.06	2.69	42.61	2.78	47.05	2.89
	75.2	19.88	2.25	24.32	2.36	28.75	2.47	33.19	2.58	38.52	2.71	42.07	2.80	46.50	2.91
FDXS09L + FDXS09L + FTXS12L + FTXS18L	60.8	22.72	2.53	27.29	2.66	31.87	2.79	36.44	2.92	41.93	3.08	45.59	3.18	50.16	3.31
	64.4	22.16	2.56	26.74	2.69	31.31	2.82	35.88	2.95	41.37	3.11	45.03	3.21	49.60	3.34
	68.0	21.60	2.59	26.18	2.72	30.75	2.85	35.32	2.98	40.81	3.13	44.47	3.24	49.04	3.37
	70.0	21.29	2.61	25.87	2.73	30.44	2.86	35.01	2.99	40.50	3.15	44.16	3.25	48.73	3.38
	71.6	21.04	2.62	25.62	2.75	30.19	2.88	34.76	3.01	40.25	3.16	43.91	3.27	48.48	3.40
	75.2	20.48	2.65	25.06	2.78	29.63	2.91	34.20	3.04	39.69	3.19	43.35	3.29	47.92	3.42
FDXS09L + FDXS09L + FTXS12L + CDXS18L	60.8	22.05	2.21	26.49	2.32	30.92	2.44	35.36	2.55	40.69	2.69	44.24	2.78	48.67	2.89
	64.4	21.51	2.24	25.94	2.35	30.38	2.46	34.82	2.58	40.14	2.71	43.69	2.80	48.13	2.92
	68.0	20.96	2.26	25.40	2.37	29.84	2.49	34.28	2.60	39.60	2.74	43.15	2.83	47.59	2.94
	70.0	20.66	2.27	25.10	2.39	29.54	2.50	33.97	2.61	39.30	2.75	42.85	2.84	47.29	2.95
	71.6	20.42	2.29	24.86	2.40	29.30	2.51	33.73	2.63	39.06	2.76	42.61	2.85	47.05	2.96
	75.2	19.88	2.31	24.32	2.42	28.75	2.54	33.19	2.65	38.52	2.79	42.07	2.88	46.50	2.99
FDXS09L + FDXS09L + FDXS12L + FTXS18L	60.8	22.05	2.22	26.49	2.33	30.92	2.45	35.36	2.56	40.69	2.70	44.24	2.79	48.67	2.90
	64.4	21.51	2.24	25.94	2.36	30.38	2.47	34.82	2.58	40.14	2.72	43.69	2.81	48.13	2.93
	68.0	20.96	2.27	25.40	2.38	29.84	2.50	34.28	2.61	39.60	2.75	43.15	2.84	47.59	2.95
	70.0	20.66	2.28	25.10	2.40	29.54	2.51	33.97	2.62	39.30	2.76	42.85	2.85	47.29	2.96
	71.6	20.42	2.29	24.86	2.41	29.30	2.52	33.73	2.63	39.06	2.77	42.61	2.86	47.05	2.98
	75.2	19.88	2.32	24.32	2.43	28.75	2.55	33.19	2.66	38.52	2.80	42.07	2.89	46.50	3.00
FDXS09L + FDXS09L + FDXS12L + CDXS18L	60.8	21.32	2.06	25.61	2.16	29.90	2.27	34.19	2.37	39.34	2.50	42.77	2.59	47.06	2.69
	64.4	20.79	2.08	25.09	2.19	29.38	2.29	33.67	2.40	38.82	2.52	42.25	2.61	46.54	2.71
	68.0	20.27	2.10	24.56	2.21	28.85	2.32	33.14	2.42	38.29	2.55	41.72	2.63	46.02	2.74
	70.0	19.98	2.12	24.27	2.22	28.56	2.33	32.85	2.43	38.00	2.56	41.43	2.64	45.72	2.75
	71.6	19.75	2.13	24.04	2.23	28.33	2.34	32.62	2.44	37.77	2.57	41.20	2.65	45.49	2.76
	75.2	19.22	2.15	23.51	2.26	27.80	2.36	32.09	2.47	37.24	2.59	40.67	2.68	44.97	2.78

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS09L + FTXS09L + FTXS15L + FTXS15L	60.8	24.12	3.21	28.98	3.37	33.84	3.54	38.69	3.70	44.52	3.90	48.16	3.97	52.14	3.97
	64.4	23.53	3.24	28.39	3.41	33.24	3.57	38.10	3.74	43.92	3.93	47.43	3.97	51.43	3.97
	68.0	22.94	3.28	27.79	3.44	32.65	3.61	37.50	3.77	43.33	3.97	46.72	3.97	50.73	3.97
	70.0	22.61	3.30	27.46	3.46	32.32	3.63	37.17	3.79	42.95	3.97	46.33	3.97	50.35	3.97
	71.6	22.34	3.32	27.20	3.48	32.05	3.64	36.91	3.81	42.64	3.97	46.02	3.97	50.05	3.97
	75.2	21.75	3.35	26.60	3.52	31.46	3.68	36.32	3.84	41.95	3.97	45.35	3.97	49.38	3.97
FTXS09L + FTXS09L + FTXS15L + CDXS15L	60.8	23.45	2.85	28.17	2.99	32.89	3.14	37.61	3.28	43.27	3.46	47.05	3.58	51.77	3.72
	64.4	22.87	2.88	27.59	3.02	32.31	3.17	37.03	3.32	42.70	3.49	46.47	3.61	51.19	3.75
	68.0	22.30	2.91	27.02	3.06	31.74	3.20	36.46	3.35	42.12	3.52	45.90	3.64	50.62	3.78
	70.0	21.98	2.93	26.70	3.07	31.42	3.22	36.14	3.37	41.80	3.54	45.58	3.66	50.30	3.80
	71.6	21.72	2.94	26.44	3.09	31.16	3.23	35.88	3.38	41.54	3.55	45.32	3.67	50.04	3.82
	75.2	21.14	2.97	25.86	3.12	30.58	3.27	35.30	3.41	40.97	3.59	44.74	3.70	49.46	3.85
FTXS09L + FTXS09L + CDXS15L + CDXS15L	60.8	22.72	2.83	27.29	2.98	31.87	3.12	36.44	3.27	41.93	3.44	45.59	3.55	50.16	3.70
	64.4	22.16	2.86	26.74	3.01	31.31	3.15	35.88	3.30	41.37	3.47	45.03	3.59	49.60	3.73
	68.0	21.60	2.89	26.18	3.04	30.75	3.18	35.32	3.33	40.81	3.50	44.47	3.62	49.04	3.76
	70.0	21.29	2.91	25.87	3.06	30.44	3.20	35.01	3.35	40.50	3.52	44.16	3.64	48.73	3.78
	71.6	21.04	2.93	25.62	3.07	30.19	3.22	34.76	3.36	40.25	3.53	43.91	3.65	48.48	3.80
	75.2	20.48	2.96	25.06	3.10	29.63	3.25	34.20	3.39	39.69	3.57	43.35	3.68	47.92	3.83
FTXS09L + FDXS09L + FTXS15L + FTXS15L	60.8	23.45	2.83	28.17	2.98	32.89	3.12	37.61	3.27	43.27	3.44	47.05	3.55	51.77	3.70
	64.4	22.87	2.86	27.59	3.01	32.31	3.15	37.03	3.30	42.70	3.47	46.47	3.59	51.19	3.73
	68.0	22.30	2.89	27.02	3.04	31.74	3.18	36.46	3.33	42.12	3.50	45.90	3.62	50.62	3.76
	70.0	21.98	2.91	26.70	3.06	31.42	3.20	36.14	3.35	41.80	3.52	45.58	3.64	50.30	3.78
	71.6	21.72	2.93	26.44	3.07	31.16	3.22	35.88	3.36	41.54	3.53	45.32	3.65	50.04	3.80
	75.2	21.14	2.96	25.86	3.10	30.58	3.25	35.30	3.39	40.97	3.57	44.74	3.68	49.46	3.83
FTXS09L + FDXS09L + FTXS15L + CDXS15L	60.8	22.72	2.73	27.29	2.87	31.87	3.00	36.44	3.14	41.93	3.31	45.59	3.42	50.16	3.56
	64.4	22.16	2.76	26.74	2.90	31.31	3.04	35.88	3.17	41.37	3.34	45.03	3.45	49.60	3.59
	68.0	21.60	2.79	26.18	2.93	30.75	3.07	35.32	3.21	40.81	3.37	44.47	3.48	49.04	3.62
	70.0	21.29	2.80	25.87	2.94	30.44	3.08	35.01	3.22	40.50	3.39	44.16	3.50	48.73	3.64
	71.6	21.04	2.82	25.62	2.96	30.19	3.10	34.76	3.24	40.25	3.40	43.91	3.52	48.48	3.65
	75.2	20.48	2.85	25.06	2.99	29.63	3.13	34.20	3.27	39.69	3.43	43.35	3.55	47.92	3.69
FTXS09L + FDXS09L + CDXS15L + CDXS15L	60.8	22.05	2.34	26.49	2.46	30.92	2.58	35.36	2.70	40.69	2.84	44.24	2.94	48.67	3.06
	64.4	21.51	2.37	25.94	2.49	30.38	2.61	34.82	2.73	40.14	2.87	43.69	2.97	48.13	3.08
	68.0	20.96	2.39	25.40	2.51	29.84	2.63	34.28	2.75	39.60	2.90	43.15	2.99	47.59	3.11
	70.0	20.66	2.41	25.10	2.53	29.54	2.65	33.97	2.77	39.30	2.91	42.85	3.01	47.29	3.13
	71.6	20.42	2.42	24.86	2.54	29.30	2.66	33.73	2.78	39.06	2.92	42.61	3.02	47.05	3.14
	75.2	19.88	2.44	24.32	2.56	28.75	2.68	33.19	2.80	38.52	2.95	42.07	3.04	46.50	3.16
FDXS09L + FDXS09L + FTXS15L + FTXS15L	60.8	22.72	2.83	27.29	2.98	31.87	3.12	36.44	3.27	41.93	3.44	45.59	3.55	50.16	3.70
	64.4	22.16	2.86	26.74	3.01	31.31	3.15	35.88	3.30	41.37	3.47	45.03	3.59	49.60	3.73
	68.0	21.60	2.89	26.18	3.04	30.75	3.18	35.32	3.33	40.81	3.50	44.47	3.62	49.04	3.76
	70.0	21.29	2.91	25.87	3.06	30.44	3.20	35.01	3.35	40.50	3.52	44.16	3.64	48.73	3.78
	71.6	21.04	2.93	25.62	3.07	30.19	3.22	34.76	3.36	40.25	3.53	43.91	3.65	48.48	3.80
	75.2	20.48	2.96	25.06	3.10	29.63	3.25	34.20	3.39	39.69	3.57	43.35	3.68	47.92	3.83
FDXS09L + FDXS09L + FTXS15L + CDXS15L	60.8	22.05	2.42	26.49	2.54	30.92	2.67	35.36	2.79	40.69	2.94	44.24	3.04	48.67	3.16
	64.4	21.51	2.45	25.94	2.57	30.38	2.70	34.82	2.82	40.14	2.97	43.69	3.07	48.13	3.19
	68.0	20.96	2.47	25.40	2.60	29.84	2.72	34.28	2.85	39.60	2.99	43.15	3.09	47.59	3.22
	70.0	20.66	2.49	25.10	2.61	29.54	2.74	33.97	2.86	39.30	3.01	42.85	3.11	47.29	3.23
	71.6	20.42	2.50	24.86	2.63	29.30	2.75	33.73	2.87	39.06	3.02	42.61	3.12	47.05	3.25
	75.2	19.88	2.53	24.32	2.65	28.75	2.78	33.19	2.90	38.52	3.05	42.07	3.15	46.50	3.27

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FDXS09L + CDXS15L + CDXS15L	60.8	21.32	2.16	25.61	2.27	29.90	2.38	34.19	2.50	39.34	2.63	42.77	2.72	47.06	2.83
	64.4	20.79	2.19	25.09	2.30	29.38	2.41	33.67	2.52	38.82	2.65	42.25	2.74	46.54	2.85
	68.0	20.27	2.21	24.56	2.32	28.85	2.43	33.14	2.54	38.29	2.68	41.72	2.77	46.02	2.88
	70.0	19.98	2.22	24.27	2.34	28.56	2.45	32.85	2.56	38.00	2.69	41.43	2.78	45.72	2.89
	71.6	19.75	2.24	24.04	2.35	28.33	2.46	32.62	2.57	37.77	2.70	41.20	2.79	45.49	2.90
	75.2	19.22	2.26	23.51	2.37	27.80	2.48	32.09	2.59	37.24	2.73	40.67	2.81	44.97	2.92
FTXS09L + FTXS12L + FTXS12L + FTXS12L	60.8	24.12	2.82	28.98	2.97	33.84	3.11	38.69	3.26	44.52	3.43	48.40	3.54	53.26	3.69
	64.4	23.53	2.85	28.39	3.00	33.24	3.14	38.10	3.29	43.92	3.46	47.81	3.58	52.66	3.72
	68.0	22.94	2.89	27.79	3.03	32.65	3.17	37.50	3.32	43.33	3.49	47.21	3.61	52.07	3.75
	70.0	22.61	2.90	27.46	3.05	32.32	3.19	37.17	3.34	43.00	3.51	46.88	3.63	51.74	3.77
	71.6	22.34	2.92	27.20	3.06	32.05	3.21	36.91	3.35	42.74	3.52	46.62	3.64	51.48	3.78
	75.2	21.75	2.95	26.60	3.09	31.46	3.24	36.32	3.38	42.14	3.56	46.03	3.67	50.88	3.82
FTXS09L + FTXS12L + FTXS12L + FDXS12L	60.8	23.45	2.44	28.17	2.57	32.89	2.69	37.61	2.82	43.27	2.97	47.05	3.07	51.77	3.20
	64.4	22.87	2.47	27.59	2.60	32.31	2.72	37.03	2.85	42.70	3.00	46.47	3.10	51.19	3.22
	68.0	22.30	2.50	27.02	2.62	31.74	2.75	36.46	2.87	42.12	3.02	45.90	3.12	50.62	3.25
	70.0	21.98	2.51	26.70	2.64	31.42	2.76	36.14	2.89	41.80	3.04	45.58	3.14	50.30	3.27
	71.6	21.72	2.53	26.44	2.65	31.16	2.78	35.88	2.90	41.54	3.05	45.32	3.15	50.04	3.28
	75.2	21.14	2.55	25.86	2.68	30.58	2.80	35.30	2.93	40.97	3.08	44.74	3.18	49.46	3.30
FTXS09L + FTXS12L + FDXS12L + FDXS12L	60.8	22.72	2.18	27.29	2.29	31.87	2.40	36.44	2.51	41.93	2.65	45.59	2.74	50.16	2.85
	64.4	22.16	2.20	26.74	2.31	31.31	2.43	35.88	2.54	41.37	2.67	45.03	2.76	49.60	2.87
	68.0	21.60	2.23	26.18	2.34	30.75	2.45	35.32	2.56	40.81	2.70	44.47	2.79	49.04	2.90
	70.0	21.29	2.24	25.87	2.35	30.44	2.46	35.01	2.58	40.50	2.71	44.16	2.80	48.73	2.91
	71.6	21.04	2.25	25.62	2.36	30.19	2.48	34.76	2.59	40.25	2.72	43.91	2.81	48.48	2.92
	75.2	20.48	2.28	25.06	2.39	29.63	2.50	34.20	2.61	39.69	2.75	43.35	2.83	47.92	2.95
FTXS09L + FDXS12L + FDXS12L + FDXS12L	60.8	22.05	2.06	26.49	2.16	30.92	2.27	35.36	2.37	40.69	2.50	44.24	2.59	48.67	2.69
	64.4	21.51	2.08	25.94	2.19	30.38	2.29	34.82	2.40	40.14	2.52	43.69	2.61	48.13	2.71
	68.0	20.96	2.10	25.40	2.21	29.84	2.32	34.28	2.42	39.60	2.55	43.15	2.63	47.59	2.74
	70.0	20.66	2.12	25.10	2.22	29.54	2.33	33.97	2.43	39.30	2.56	42.85	2.64	47.29	2.75
	71.6	20.42	2.13	24.86	2.23	29.30	2.34	33.73	2.44	39.06	2.57	42.61	2.65	47.05	2.76
	75.2	19.88	2.15	24.32	2.26	28.75	2.36	33.19	2.47	38.52	2.59	42.07	2.68	46.50	2.78
FDXS09L + FTXS12L + FTXS12L + FTXS12L	60.8	23.45	2.52	28.17	2.65	32.89	2.77	37.61	2.90	43.27	3.06	47.05	3.16	51.77	3.29
	64.4	22.87	2.54	27.59	2.67	32.31	2.80	37.03	2.93	42.70	3.09	46.47	3.19	51.19	3.32
	68.0	22.30	2.57	27.02	2.70	31.74	2.83	36.46	2.96	42.12	3.11	45.90	3.22	50.62	3.35
	70.0	21.98	2.59	26.70	2.72	31.42	2.85	36.14	2.98	41.80	3.13	45.58	3.23	50.30	3.36
	71.6	21.72	2.60	26.44	2.73	31.16	2.86	35.88	2.99	41.54	3.14	45.32	3.25	50.04	3.37
	75.2	21.14	2.63	25.86	2.76	30.58	2.89	35.30	3.02	40.97	3.17	44.74	3.27	49.46	3.40
FDXS09L + FTXS12L + FTXS12L + FDXS12L	60.8	22.72	2.24	27.29	2.35	31.87	2.46	36.44	2.58	41.93	2.72	45.59	2.81	50.16	2.92
	64.4	22.16	2.26	26.74	2.37	31.31	2.49	35.88	2.60	41.37	2.74	45.03	2.83	49.60	2.95
	68.0	21.60	2.29	26.18	2.40	30.75	2.51	35.32	2.63	40.81	2.77	44.47	2.86	49.04	2.97
	70.0	21.29	2.30	25.87	2.41	30.44	2.53	35.01	2.64	40.50	2.78	44.16	2.87	48.73	2.99
	71.6	21.04	2.31	25.62	2.42	30.19	2.54	34.76	2.65	40.25	2.79	43.91	2.88	48.48	3.00
	75.2	20.48	2.34	25.06	2.45	29.63	2.56	34.20	2.68	39.69	2.82	43.35	2.91	47.92	3.02
FDXS09L + FTXS12L + FDXS12L + FDXS12L	60.8	22.05	2.07	26.49	2.17	30.92	2.28	35.36	2.38	40.69	2.51	44.24	2.60	48.67	2.70
	64.4	21.51	2.09	25.94	2.20	30.38	2.30	34.82	2.41	40.14	2.53	43.69	2.62	48.13	2.72
	68.0	20.96	2.11	25.40	2.22	29.84	2.32	34.28	2.43	39.60	2.56	43.15	2.64	47.59	2.75
	70.0	20.66	2.13	25.10	2.23	29.54	2.34	33.97	2.44	39.30	2.57	42.85	2.65	47.29	2.76
	71.6	20.42	2.14	24.86	2.24	29.30	2.35	33.73	2.45	39.06	2.58	42.61	2.66	47.05	2.77
	75.2	19.88	2.16	24.32	2.26	28.75	2.37	33.19	2.48	38.52	2.60	42.07	2.69	46.50	2.79

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FDXS12L + FDXS12L + FDXS12L	60.8	21.32	2.00	25.61	2.10	29.90	2.21	34.19	2.31	39.34	2.43	42.77	2.51	47.06	2.62
	64.4	20.79	2.02	25.09	2.13	29.38	2.23	33.67	2.33	38.82	2.46	42.25	2.54	46.54	2.64
	68.0	20.27	2.05	24.56	2.15	28.85	2.25	33.14	2.35	38.29	2.48	41.72	2.56	46.02	2.66
	70.0	19.98	2.06	24.27	2.16	28.56	2.26	32.85	2.37	38.00	2.49	41.43	2.57	45.72	2.67
	71.6	19.75	2.07	24.04	2.17	28.33	2.27	32.62	2.38	37.77	2.50	41.20	2.58	45.49	2.68
	75.2	19.22	2.09	23.51	2.19	27.80	2.30	32.09	2.40	37.24	2.52	40.67	2.60	44.97	2.71
FTXS09L + FTXS12L + FTXS12L + FTXS15L	60.8	24.12	2.85	28.98	2.99	33.84	3.14	38.69	3.28	44.52	3.46	48.40	3.58	53.26	3.72
	64.4	23.53	2.88	28.39	3.02	33.24	3.17	38.10	3.32	43.92	3.49	47.81	3.61	52.66	3.75
	68.0	22.94	2.91	27.79	3.06	32.65	3.20	37.50	3.35	43.33	3.52	47.21	3.64	52.07	3.78
	70.0	22.61	2.93	27.46	3.07	32.32	3.22	37.17	3.37	43.00	3.54	46.88	3.66	51.74	3.80
	71.6	22.34	2.94	27.20	3.09	32.05	3.23	36.91	3.38	42.74	3.55	46.62	3.67	51.48	3.82
	75.2	21.75	2.97	26.60	3.12	31.46	3.27	36.32	3.41	42.14	3.59	46.03	3.70	50.88	3.85
FTXS09L + FTXS12L + FTXS12L + CDXS15L	60.8	23.45	2.73	28.17	2.87	32.89	3.00	37.61	3.14	43.27	3.31	47.05	3.42	51.77	3.56
	64.4	22.87	2.76	27.59	2.90	32.31	3.04	37.03	3.17	42.70	3.34	46.47	3.45	51.19	3.59
	68.0	22.30	2.79	27.02	2.93	31.74	3.07	36.46	3.21	42.12	3.37	45.90	3.48	50.62	3.62
	70.0	21.98	2.80	26.70	2.94	31.42	3.08	36.14	3.22	41.80	3.39	45.58	3.50	50.30	3.64
	71.6	21.72	2.82	26.44	2.96	31.16	3.10	35.88	3.24	41.54	3.40	45.32	3.52	50.04	3.65
	75.2	21.14	2.85	25.86	2.99	30.58	3.13	35.30	3.27	40.97	3.43	44.74	3.55	49.46	3.69
FTXS09L + FTXS12L + FDXS12L + FTXS15L	60.8	23.45	2.83	28.17	2.98	32.89	3.12	37.61	3.27	43.27	3.44	47.05	3.55	51.77	3.70
	64.4	22.87	2.86	27.59	3.01	32.31	3.15	37.03	3.30	42.70	3.47	46.47	3.59	51.19	3.73
	68.0	22.30	2.89	27.02	3.04	31.74	3.18	36.46	3.33	42.12	3.50	45.90	3.62	50.62	3.76
	70.0	21.98	2.91	26.70	3.06	31.42	3.20	36.14	3.35	41.80	3.52	45.58	3.64	50.30	3.78
	71.6	21.72	2.93	26.44	3.07	31.16	3.22	35.88	3.36	41.54	3.53	45.32	3.65	50.04	3.80
	75.2	21.14	2.96	25.86	3.10	30.58	3.25	35.30	3.39	40.97	3.57	44.74	3.68	49.46	3.83
FTXS09L + FTXS12L + FDXS12L + CDXS15L	60.8	22.72	2.36	27.29	2.48	31.87	2.61	36.44	2.73	41.93	2.87	45.59	2.97	50.16	3.09
	64.4	22.16	2.39	26.74	2.51	31.31	2.63	35.88	2.75	41.37	2.90	45.03	3.00	49.60	3.12
	68.0	21.60	2.42	26.18	2.54	30.75	2.66	35.32	2.78	40.81	2.93	44.47	3.02	49.04	3.14
	70.0	21.29	2.43	25.87	2.55	30.44	2.67	35.01	2.79	40.50	2.94	44.16	3.04	48.73	3.16
	71.6	21.04	2.44	25.62	2.56	30.19	2.69	34.76	2.81	40.25	2.95	43.91	3.05	48.48	3.17
	75.2	20.48	2.47	25.06	2.59	29.63	2.71	34.20	2.83	39.69	2.98	43.35	3.08	47.92	3.20
FTXS09L + FDXS12L + FDXS12L + FTXS15L	60.8	22.72	2.43	27.29	2.55	31.87	2.68	36.44	2.80	41.93	2.95	45.59	3.05	50.16	3.17
	64.4	22.16	2.46	26.74	2.58	31.31	2.70	35.88	2.83	41.37	2.98	45.03	3.08	49.60	3.20
	68.0	21.60	2.48	26.18	2.61	30.75	2.73	35.32	2.86	40.81	3.00	44.47	3.10	49.04	3.23
	70.0	21.29	2.50	25.87	2.62	30.44	2.75	35.01	2.87	40.50	3.02	44.16	3.12	48.73	3.24
	71.6	21.04	2.51	25.62	2.63	30.19	2.76	34.76	2.88	40.25	3.03	43.91	3.13	48.48	3.26
	75.2	20.48	2.54	25.06	2.66	29.63	2.79	34.20	2.91	39.69	3.06	43.35	3.16	47.92	3.28
FTXS09L + FDXS12L + FDXS12L + CDXS15L	60.8	22.05	2.16	26.49	2.27	30.92	2.38	35.36	2.50	40.69	2.63	44.24	2.72	48.67	2.83
	64.4	21.51	2.19	25.94	2.30	30.38	2.41	34.82	2.52	40.14	2.65	43.69	2.74	48.13	2.85
	68.0	20.96	2.21	25.40	2.32	29.84	2.43	34.28	2.54	39.60	2.68	43.15	2.77	47.59	2.88
	70.0	20.66	2.22	25.10	2.34	29.54	2.45	33.97	2.56	39.30	2.69	42.85	2.78	47.29	2.89
	71.6	20.42	2.24	24.86	2.35	29.30	2.46	33.73	2.57	39.06	2.70	42.61	2.79	47.05	2.90
	75.2	19.88	2.26	24.32	2.37	28.75	2.48	33.19	2.59	38.52	2.73	42.07	2.81	46.50	2.92
FDXS09L + FTXS12L + FTXS12L + FTXS15L	60.8	23.45	2.85	28.17	2.99	32.89	3.14	37.61	3.28	43.27	3.46	47.05	3.58	51.77	3.72
	64.4	22.87	2.88	27.59	3.02	32.31	3.17	37.03	3.32	42.70	3.49	46.47	3.61	51.19	3.75
	68.0	22.30	2.91	27.02	3.06	31.74	3.20	36.46	3.35	42.12	3.52	45.90	3.64	50.62	3.78
	70.0	21.98	2.93	26.70	3.07	31.42	3.22	36.14	3.37	41.80	3.54	45.58	3.66	50.30	3.80
	71.6	21.72	2.94	26.44	3.09	31.16	3.23	35.88	3.38	41.54	3.55	45.32	3.67	50.04	3.82
	75.2	21.14	2.97	25.86	3.12	30.58	3.27	35.30	3.41	40.97	3.59	44.74	3.70	49.46	3.85

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FDXS09L + FTXS12L + FTXS12L + CDXS15L	60.8	22.72	2.44	27.29	2.56	31.87	2.69	36.44	2.81	41.93	2.96	45.59	3.06	50.16	3.18
	64.4	22.16	2.46	26.74	2.59	31.31	2.71	35.88	2.84	41.37	2.99	45.03	3.09	49.60	3.21
	68.0	21.60	2.49	26.18	2.62	30.75	2.74	35.32	2.87	40.81	3.01	44.47	3.11	49.04	3.24
	70.0	21.29	2.51	25.87	2.63	30.44	2.76	35.01	2.88	40.50	3.03	44.16	3.13	48.73	3.25
	71.6	21.04	2.52	25.62	2.64	30.19	2.77	34.76	2.89	40.25	3.04	43.91	3.14	48.48	3.27
	75.2	20.48	2.55	25.06	2.67	29.63	2.79	34.20	2.92	39.69	3.07	43.35	3.17	47.92	3.29
FDXS09L + FTXS12L + FDXS12L + FTXS15L	60.8	22.72	2.51	27.29	2.64	31.87	2.77	36.44	2.89	41.93	3.05	45.59	3.15	50.16	3.28
	64.4	22.16	2.54	26.74	2.67	31.31	2.79	35.88	2.92	41.37	3.08	45.03	3.18	49.60	3.31
	68.0	21.60	2.56	26.18	2.69	30.75	2.82	35.32	2.95	40.81	3.10	44.47	3.21	49.04	3.34
	70.0	21.29	2.58	25.87	2.71	30.44	2.84	35.01	2.97	40.50	3.12	44.16	3.22	48.73	3.35
	71.6	21.04	2.59	25.62	2.72	30.19	2.85	34.76	2.98	40.25	3.13	43.91	3.24	48.48	3.36
	75.2	20.48	2.62	25.06	2.75	29.63	2.88	34.20	3.01	39.69	3.16	43.35	3.26	47.92	3.39
FDXS09L + FTXS12L + CDXS15L	60.8	22.05	2.22	26.49	2.33	30.92	2.45	35.36	2.56	40.69	2.70	44.24	2.79	48.67	2.90
	64.4	21.51	2.24	25.94	2.36	30.38	2.47	34.82	2.58	40.14	2.72	43.69	2.81	48.13	2.93
	68.0	20.96	2.27	25.40	2.38	29.84	2.50	34.28	2.61	39.60	2.75	43.15	2.84	47.59	2.95
	70.0	20.66	2.28	25.10	2.40	29.54	2.51	33.97	2.62	39.30	2.76	42.85	2.85	47.29	2.96
	71.6	20.42	2.29	24.86	2.41	29.30	2.52	33.73	2.63	39.06	2.77	42.61	2.86	47.05	2.98
	75.2	19.88	2.32	24.32	2.43	28.75	2.55	33.19	2.66	38.52	2.80	42.07	2.89	46.50	3.00
FDXS09L + FDXS12L + FDXS12L + FTXS15L	60.8	22.05	2.20	26.49	2.32	30.92	2.43	35.36	2.54	40.69	2.68	44.24	2.77	48.67	2.88
	64.4	21.51	2.23	25.94	2.34	30.38	2.45	34.82	2.57	40.14	2.70	43.69	2.79	48.13	2.90
	68.0	20.96	2.25	25.40	2.37	29.84	2.48	34.28	2.59	39.60	2.73	43.15	2.82	47.59	2.93
	70.0	20.66	2.27	25.10	2.38	29.54	2.49	33.97	2.60	39.30	2.74	42.85	2.83	47.29	2.94
	71.6	20.42	2.28	24.86	2.39	29.30	2.50	33.73	2.62	39.06	2.75	42.61	2.84	47.05	2.95
	75.2	19.88	2.30	24.32	2.41	28.75	2.53	33.19	2.64	38.52	2.78	42.07	2.87	46.50	2.98
FDXS09L + FDXS12L + CDXS15L	60.8	21.32	2.07	25.61	2.17	29.90	2.28	34.19	2.38	39.34	2.51	42.77	2.60	47.06	2.70
	64.4	20.79	2.09	25.09	2.20	29.38	2.30	33.67	2.41	38.82	2.53	42.25	2.62	46.54	2.72
	68.0	20.27	2.11	24.56	2.22	28.85	2.32	33.14	2.43	38.29	2.56	41.72	2.64	46.02	2.75
	70.0	19.98	2.13	24.27	2.23	28.56	2.34	32.85	2.44	38.00	2.57	41.43	2.65	45.72	2.76
	71.6	19.75	2.14	24.04	2.24	28.33	2.35	32.62	2.45	37.77	2.58	41.20	2.66	45.49	2.77
	75.2	19.22	2.16	23.51	2.26	27.80	2.37	32.09	2.48	37.24	2.60	40.67	2.69	44.97	2.79
FTXS12L + FTXS12L + FTXS12L + FTXS12L	60.8	24.12	2.45	28.98	2.58	33.84	2.70	38.69	2.83	44.52	2.98	48.40	3.08	53.26	3.21
	64.4	23.53	2.48	28.39	2.61	33.24	2.73	38.10	2.86	43.92	3.01	47.81	3.11	52.66	3.23
	68.0	22.94	2.51	27.79	2.63	32.65	2.76	37.50	2.88	43.33	3.03	47.21	3.14	52.07	3.26
	70.0	22.61	2.52	27.46	2.65	32.32	2.77	37.17	2.90	43.00	3.05	46.88	3.15	51.74	3.28
	71.6	22.34	2.53	27.20	2.66	32.05	2.79	36.91	2.91	42.74	3.06	46.62	3.16	51.48	3.29
	75.2	21.75	2.56	26.60	2.69	31.46	2.81	36.32	2.94	42.14	3.09	46.03	3.19	50.88	3.32
FTXS12L + FTXS12L + FTXS12L + FDXS12L	60.8	23.45	2.52	28.17	2.65	32.89	2.77	37.61	2.90	43.27	3.06	47.05	3.16	51.77	3.29
	64.4	22.87	2.54	27.59	2.67	32.31	2.80	37.03	2.93	42.70	3.09	46.47	3.19	51.19	3.32
	68.0	22.30	2.57	27.02	2.70	31.74	2.83	36.46	2.96	42.12	3.11	45.90	3.22	50.62	3.35
	70.0	21.98	2.59	26.70	2.72	31.42	2.85	36.14	2.98	41.80	3.13	45.58	3.23	50.30	3.36
	71.6	21.72	2.60	26.44	2.73	31.16	2.86	35.88	2.99	41.54	3.14	45.32	3.25	50.04	3.37
	75.2	21.14	2.63	25.86	2.76	30.58	2.89	35.30	3.02	40.97	3.17	44.74	3.27	49.46	3.40
FTXS12L + FTXS12L + FDXS12L + FDXS12L	60.8	22.72	2.24	27.29	2.35	31.87	2.46	36.44	2.58	41.93	2.72	45.59	2.81	50.16	2.92
	64.4	22.16	2.26	26.74	2.37	31.31	2.49	35.88	2.60	41.37	2.74	45.03	2.83	49.60	2.95
	68.0	21.60	2.29	26.18	2.40	30.75	2.51	35.32	2.63	40.81	2.77	44.47	2.86	49.04	2.97
	70.0	21.29	2.30	25.87	2.41	30.44	2.53	35.01	2.64	40.50	2.78	44.16	2.87	48.73	2.99
	71.6	21.04	2.31	25.62	2.42	30.19	2.54	34.76	2.65	40.25	2.79	43.91	2.88	48.48	3.00
	75.2	20.48	2.34	25.06	2.45	29.63	2.56	34.20	2.68	39.69	2.82	43.35	2.91	47.92	3.02

Combination (Capacity)	Indoor air temp. EDB (°F)	Outdoor air temp. EWB (°F)													
		5.0		14.0		23.0		32.0		43.0		50.0		59.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
FTXS12L + FDXS12L + FDXS12L + FDXS12L	60.8	22.05	2.07	26.49	2.17	30.92	2.28	35.36	2.38	40.69	2.51	44.24	2.60	48.67	2.70
	64.4	21.51	2.09	25.94	2.20	30.38	2.30	34.82	2.41	40.14	2.53	43.69	2.62	48.13	2.72
	68.0	20.96	2.11	25.40	2.22	29.84	2.32	34.28	2.43	39.60	2.56	43.15	2.64	47.59	2.75
	70.0	20.66	2.13	25.10	2.23	29.54	2.34	33.97	2.44	39.30	2.57	42.85	2.65	47.29	2.76
	71.6	20.42	2.14	24.86	2.24	29.30	2.35	33.73	2.45	39.06	2.58	42.61	2.66	47.05	2.77
	75.2	19.88	2.16	24.32	2.26	28.75	2.37	33.19	2.48	38.52	2.60	42.07	2.69	46.50	2.79
FDXS12L + FDXS12L + FDXS12L + FDXS12L	60.8	21.32	2.00	25.61	2.10	29.90	2.21	34.19	2.31	39.34	2.43	42.77	2.51	47.06	2.62
	64.4	20.79	2.02	25.09	2.13	29.38	2.23	33.67	2.33	38.82	2.46	42.25	2.54	46.54	2.64
	68.0	20.27	2.05	24.56	2.15	28.85	2.25	33.14	2.35	38.29	2.48	41.72	2.56	46.02	2.66
	70.0	19.98	2.06	24.27	2.16	28.56	2.26	32.85	2.37	38.00	2.49	41.43	2.57	45.72	2.67
	71.6	19.75	2.07	24.04	2.17	28.33	2.27	32.62	2.38	37.77	2.50	41.20	2.58	45.49	2.68
	75.2	19.22	2.09	23.51	2.19	27.80	2.30	32.09	2.40	37.24	2.52	40.67	2.60	44.97	2.71

Symbols:

EWB	: Entering wet bulb temp.	(°F)
EDB	: Entering dry bulb temp.	(°F)
TC	: Total capacity	(kBtu/h)
PI	: Power input	(kW)

Notes:

1. Ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. ■ shows max capacities and power input.
3. TC and PI must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
4. Capacities are based on the following conditions.
5. Corresponding refrigerant piping length : 25 ft

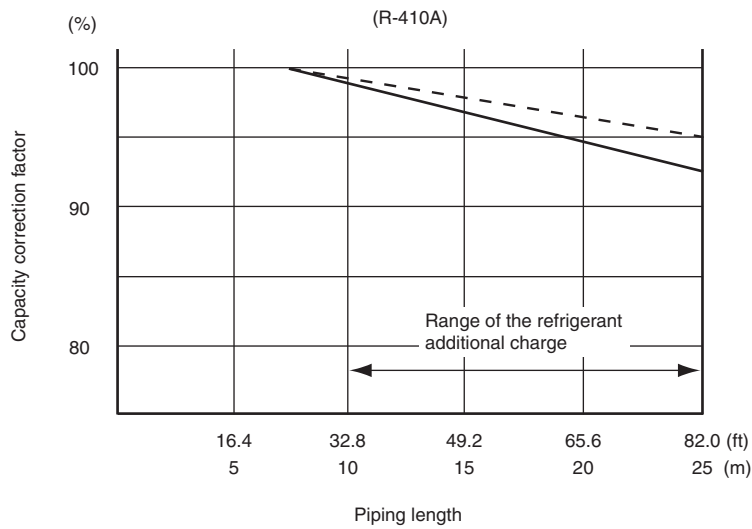
C: 3D094073 ~ 3D094079
C: 3D094080 ~ 3D094089
C: 3D094090 ~ 3D094099
C: 3D094100 ~ 3D094109
C: 3D094110 ~ 3D094112

7.4 Capacity Correction Factor by the Length of Refrigerant Piping (Reference)

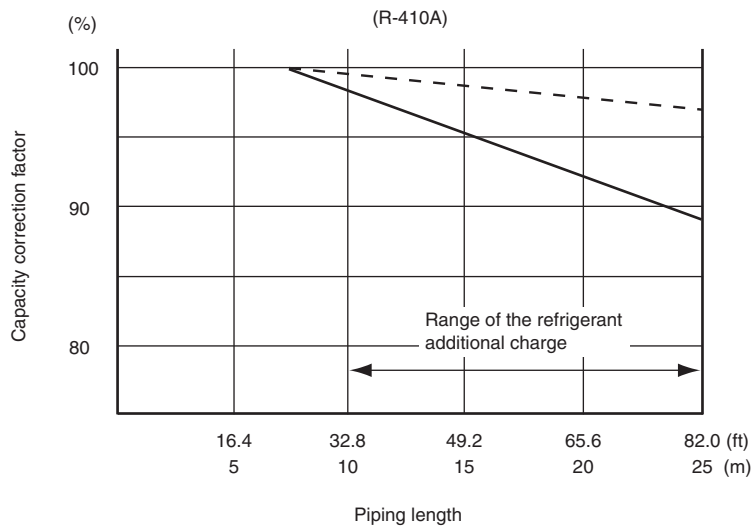
The cooling capacity and the heating capacity of the unit have to be corrected in accordance with the length of refrigerant piping — the distance between the indoor unit and the outdoor unit.

<— line: Cooling capacity>
 <--- line: Heating capacity>

7.4.1 07/09/12/15/18 Class



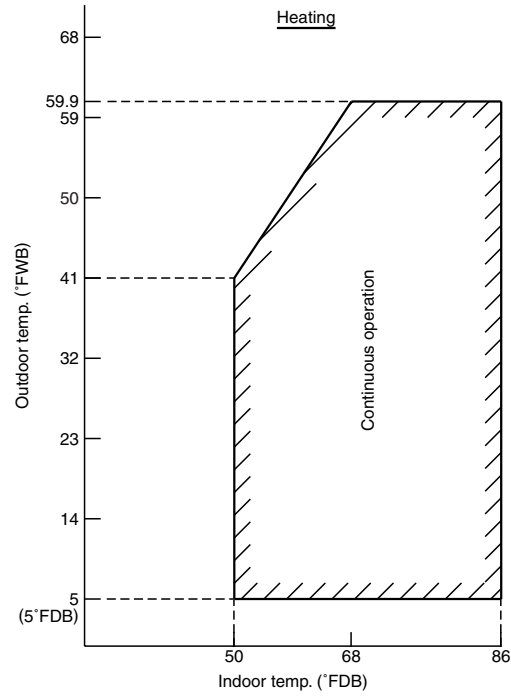
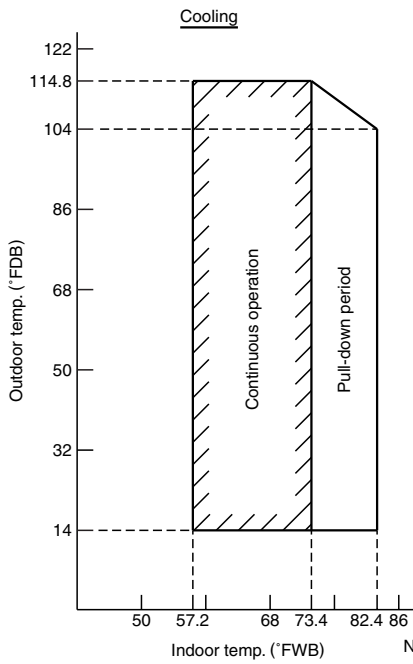
7.4.2 24 Class



- Notes:**
1. The graphs show the factor when additional refrigerant of the proper quantity is charged.
 2. The variation of the capacity will be smaller when only one indoor unit is in operation.

8. Operation Limit

2MXS18/24/36NMVJU



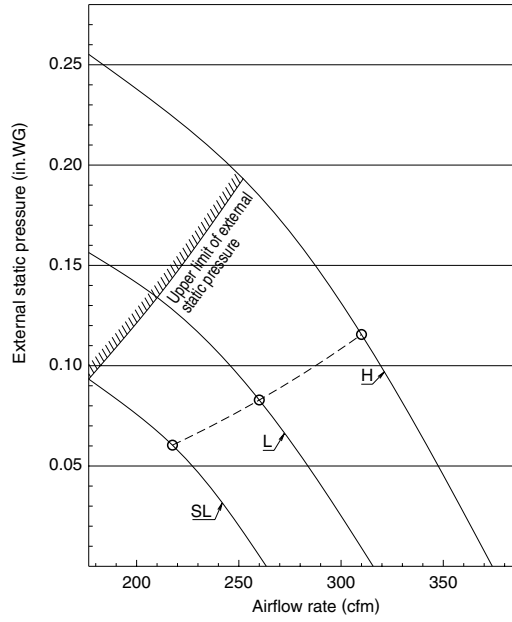
Notes:
 The graphs are based on the following conditions.

- Equivalent piping length 25ft
- Level difference 0ft
- Air flow rate High

3D048149B

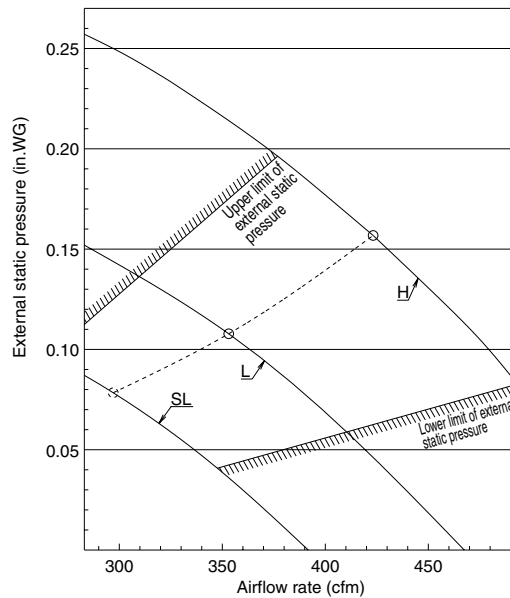
9. Fan Characteristics

FDXS09/12LVJU



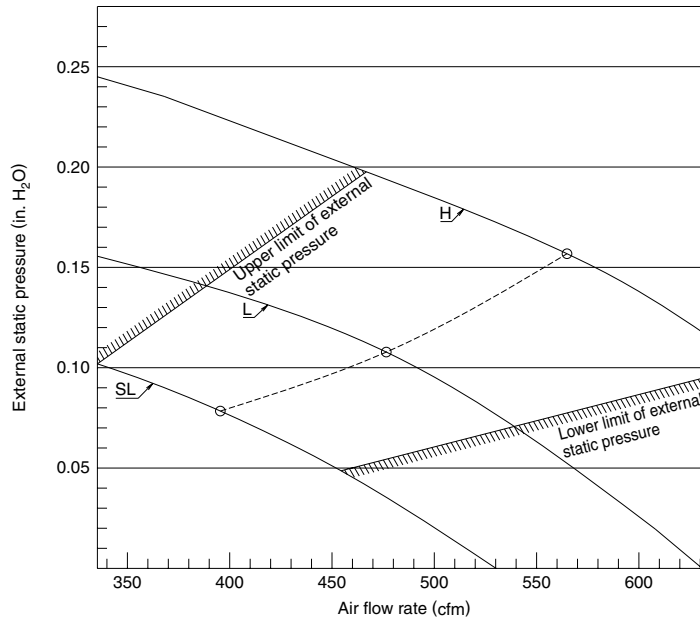
3D074625

CDXS15/18LVJU



3D075306

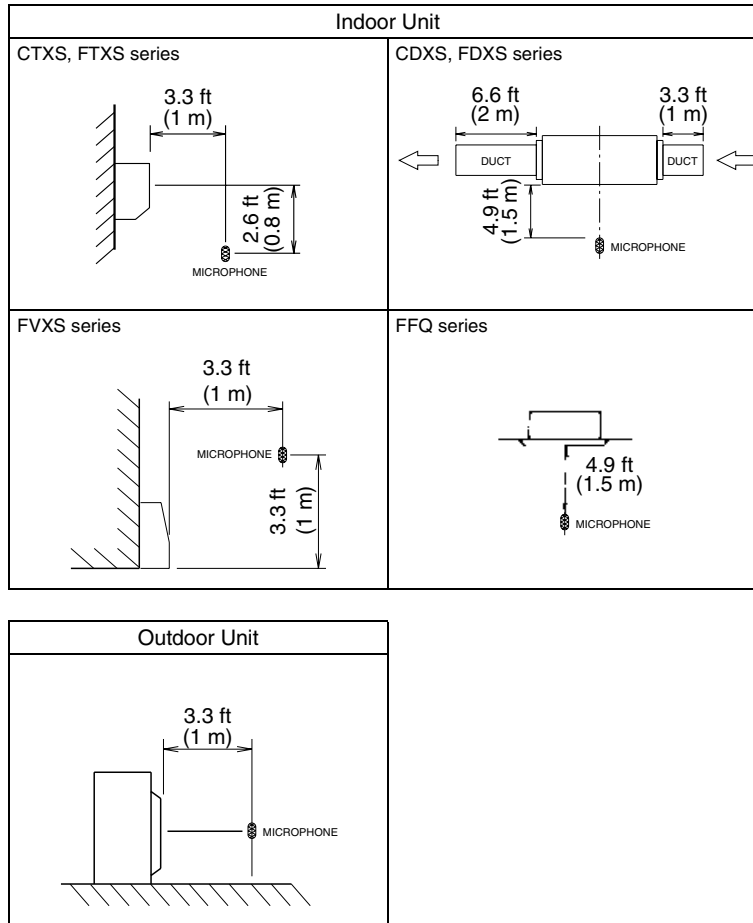
CDXS24LVJU



3D080595

10. Sound Level

10.1 Measuring Location

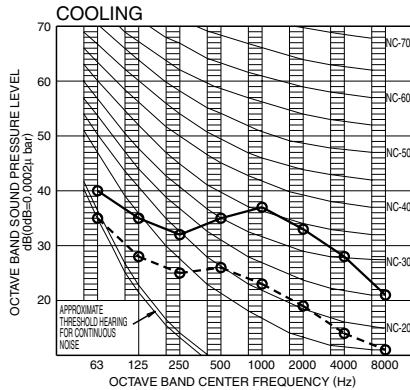


- Notes:**
1. Operation sound is measured in an anechoic chamber.
 2. The data are based on the conditions shown in the table below.

Cooling	Heating	Piping Length
Indoor ; 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB) Outdoor ; 95°FDB (35°CDB) / 75°FWB (24°CWB)	Indoor ; 70°FDB (21°CDB) / 60°FWB (15.6°CWB) Outdoor ; 47°FDB (8.3°CDB) / 43°FWB (6°CWB)	16.4 ft (5 m)

10.2 Indoor Unit

CTXS07LVJU



OVER ALL (dB)		
SCALE	60Hz 208/230V (H)	60Hz 208/230V (L)
A	38	25

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

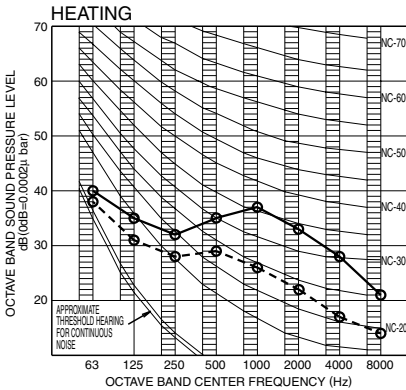
JIS STANDARD

STANDARD EXTERNAL STATIC PRESSURE

○ — ○ 60Hz 208/230V(H)

○ - - ○ 60Hz 208/230V(L)

Cooling



OVER ALL (dB)		
SCALE	60Hz 208/230V (H)	60Hz 208/230V (L)
A	38	28

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

JIS STANDARD

STANDARD EXTERNAL STATIC PRESSURE

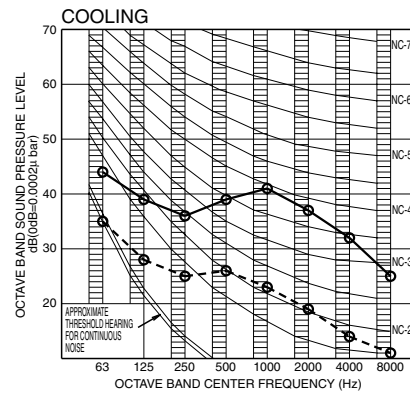
○ — ○ 60Hz 208/230V(H)

○ - - ○ 60Hz 208/230V(L)

Heating

3D075359

FTXS09LVJU



OVER ALL (dB)		
SCALE	60Hz 208/230V (H)	60Hz 208/230V (L)
A	41	25

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

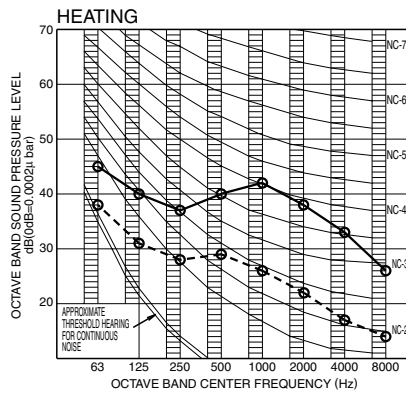
JIS STANDARD

STANDARD EXTERNAL STATIC PRESSURE

○ — ○ 60Hz 208/230V(H)

○ - - ○ 60Hz 208/230V(L)

Cooling



OVER ALL (dB)		
SCALE	60Hz 208/230V (H)	60Hz 208/230V (L)
A	42	28

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

JIS STANDARD

STANDARD EXTERNAL STATIC PRESSURE

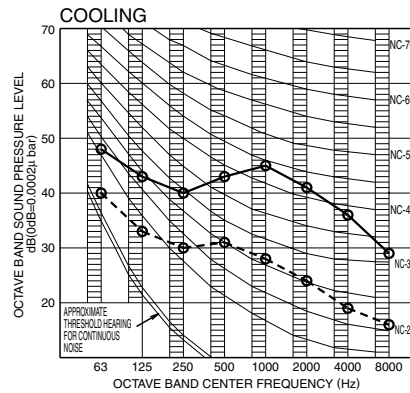
○ — ○ 60Hz 208/230V(H)

○ - - ○ 60Hz 208/230V(L)

Heating

3D075355

FTXS12LVJU



OVER ALL (dB)		
SCALE	60Hz 208/230V (H)	60Hz 208/230V (L)
A	45	29

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

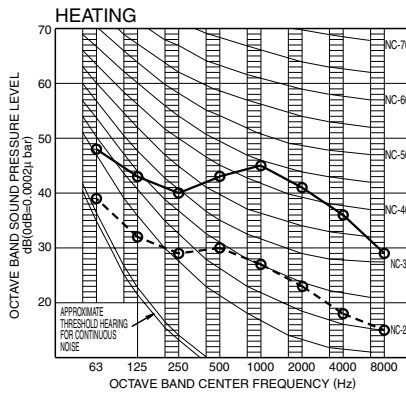
JIS STANDARD

STANDARD EXTERNAL STATIC PRESSURE

○ — ○ 60Hz 208/230V(H)

○ - - ○ 60Hz 208/230V(L)

Cooling



OVER ALL (dB)		
SCALE	60Hz 208/230V (H)	60Hz 208/230V (L)
A	45	29

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

JIS STANDARD

STANDARD EXTERNAL STATIC PRESSURE

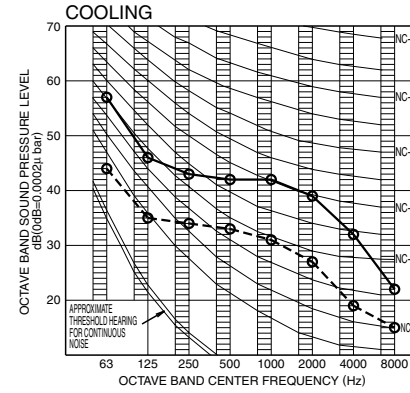
○ — ○ 60Hz 208/230V(H)

○ - - ○ 60Hz 208/230V(L)

Heating

3D075356

FTXS15LVJU



OVER ALL (dB)		
SCALE	60Hz 208/230V (H)	60Hz 208/230V (L)
A	45	35

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

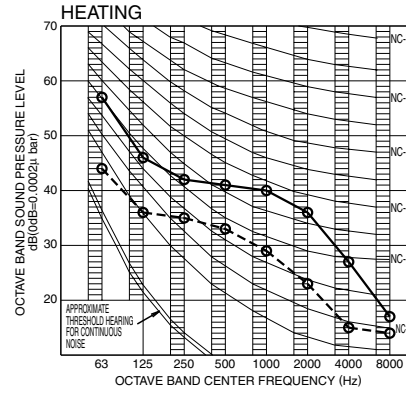
JIS STANDARD

STANDARD EXTERNAL STATIC PRESSURE

○ — ○ 60Hz 208/230V(H)

○ - - ○ 60Hz 208/230V(L)

Cooling



OVER ALL (dB)		
SCALE	60Hz 208/230V (H)	60Hz 208/230V (L)
A	43	33

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

JIS STANDARD

STANDARD EXTERNAL STATIC PRESSURE

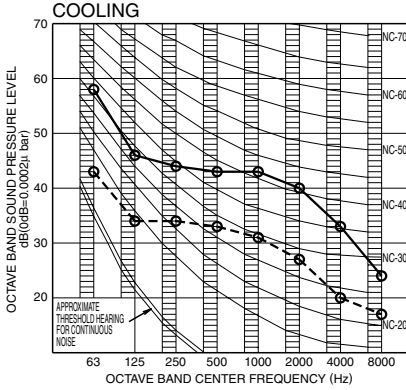
○ — ○ 60Hz 208/230V(H)

○ - - ○ 60Hz 208/230V(L)

Heating

3D074864

FTXS18LVJU



OVER ALL (dB)		
SCALE	60Hz 208/230V (H)	60Hz 208/230V (L)
A	46	36

(B.G.N IS ALREADY RECTIFIED)

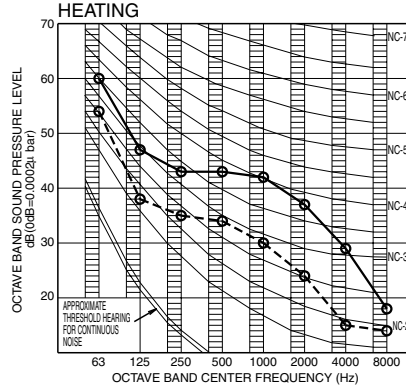
OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

JIS STANDARD

○—○ 60Hz 208/230V(H)
○- -○ 60Hz 208/230V(L)

Cooling



OVER ALL (dB)		
SCALE	60Hz 208/230V (H)	60Hz 208/230V (L)
A	45	35

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

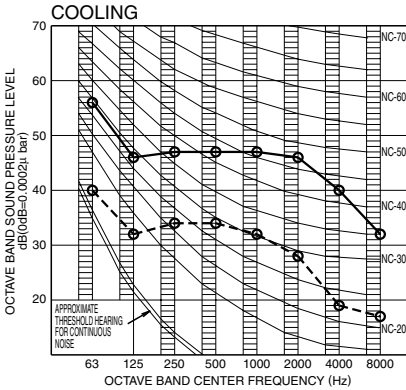
JIS STANDARD

○—○ 60Hz 208/230V(H)
○- -○ 60Hz 208/230V(L)

Heating

3D074865

FTXS24LVJU



OVER ALL (dB)		
SCALE	60Hz 208/230V (H)	60Hz 208/230V (L)
A	51	37

(B.G.N IS ALREADY RECTIFIED)

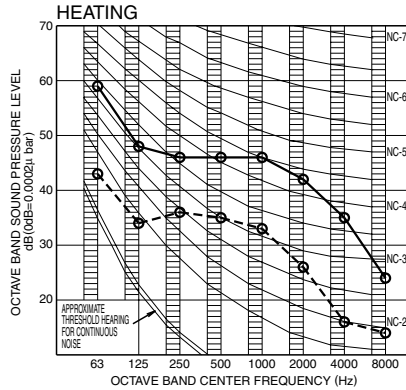
OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

JIS STANDARD

○—○ 60Hz 208/230V(H)
○- -○ 60Hz 208/230V(L)

Cooling



OVER ALL (dB)		
SCALE	60Hz 208/230V (H)	60Hz 208/230V (L)
A	48	37

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

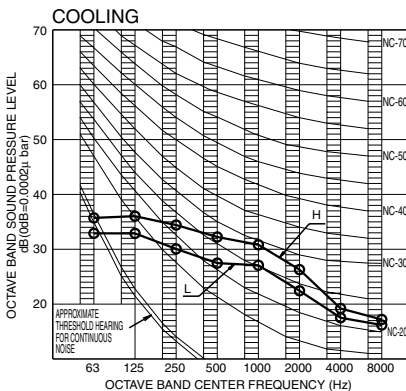
JIS STANDARD

○—○ 60Hz 208/230V(H)
○- -○ 60Hz 208/230V(L)

Heating

3D074866

FDXS09/12LVJU



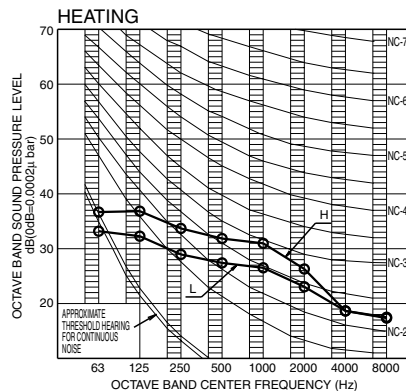
OVER ALL (dB)		
SCALE	HI	LOW
A	35	31

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 208-230V/60Hz

COOLING RETURN AIR TEMPERATURE: 80°FDB, 67°FWB
OUTDOOR TEMPERATURE: 95°FDB, 75°FWB



OVER ALL (dB)		
SCALE	HI	LOW
A	35	31

(B.G.N IS ALREADY RECTIFIED)

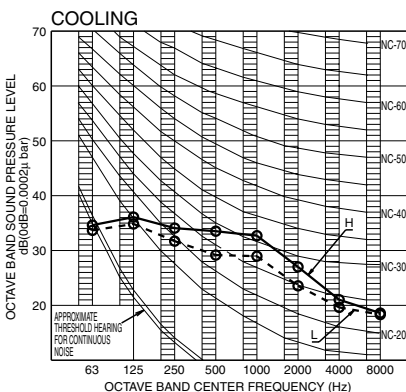
OPERATING CONDITIONS

POWER SOURCE 208-230V/60Hz

HEATING RETURN AIR TEMPERATURE: 70°FDB, 60°FWB
OUTDOOR TEMPERATURE: 47°FDB, 43°FWB

3D074623

CDXS15/18LVJU



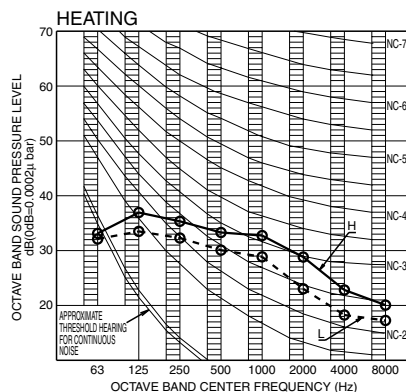
OVER ALL (dB)		
SCALE	AIR FLOW RATE	
	HI	LOW
A	37	33

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 208/230V, 60Hz

STANDARD CONDITION (JIS)



OVER ALL (dB)		
SCALE	AIR FLOW RATE	
	HI	LOW
A	37	33

(B.G.N IS ALREADY RECTIFIED)

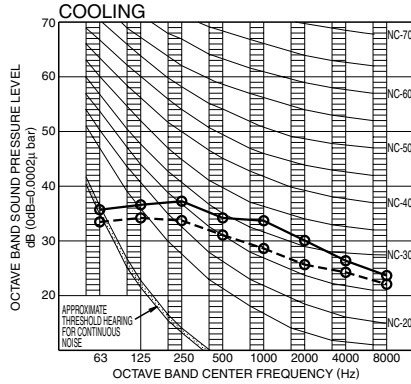
OPERATING CONDITIONS

POWER SOURCE 208/230V, 60Hz

STANDARD CONDITION (JIS)

3D075272

CDXS24LVJU



OVER ALL (dB)

SCALE	AIR FLOW RATE	
	H	L
A	38	34

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 208/230V, 60Hz

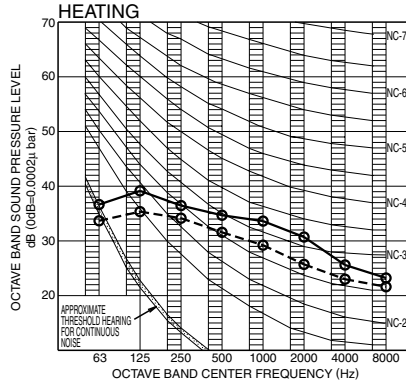
JIS STANDARD

STANDARD EXTERNAL STATIC PRESSURE

○ ○ (H) 208/230V, 60Hz

○ - - ○ (L) 208/230V, 60Hz

Cooling



OVER ALL (dB)

SCALE	AIR FLOW RATE	
	H	L
A	38	34

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 208/230V, 60Hz

JIS STANDARD

STANDARD EXTERNAL STATIC PRESSURE

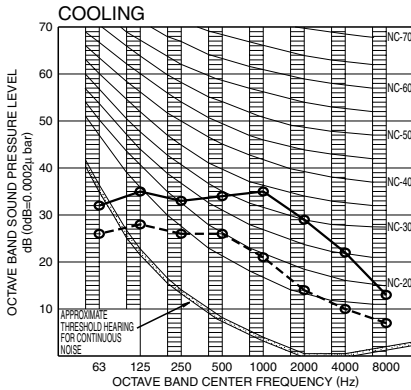
○ ○ (H) 208/230V, 60Hz

○ - - ○ (L) 208/230V, 60Hz

Heating

3D080596

FVXS09NVJU



OVER ALL (dB)

SCALE	60Hz	60Hz
	208/230V (H)	208/230V (L)
A	38	26

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

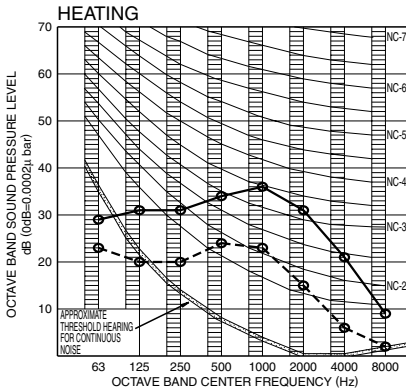
JIS STANDARD

STANDARD EXTERNAL STATIC PRESSURE

○ ○ 60Hz 208/230V (H)

○ - - ○ 60Hz 208/230V (L)

Cooling



OVER ALL (dB)

SCALE	60Hz	60Hz
	208/230V (H)	208/230V (L)
A	38	26

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

JIS STANDARD

STANDARD EXTERNAL STATIC PRESSURE

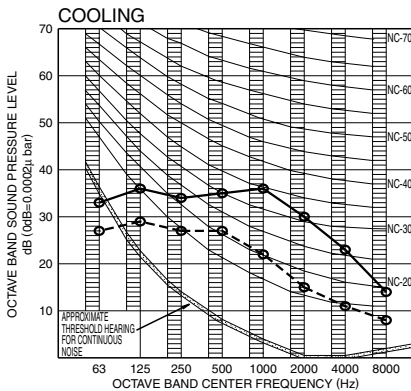
○ ○ 60Hz 208/230V (H)

○ - - ○ 60Hz 208/230V (L)

Heating

3D094737

FVXS12NVJU



OVER ALL (dB)

SCALE	60Hz	60Hz
	208/230V (H)	208/230V (L)
A	39	27

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

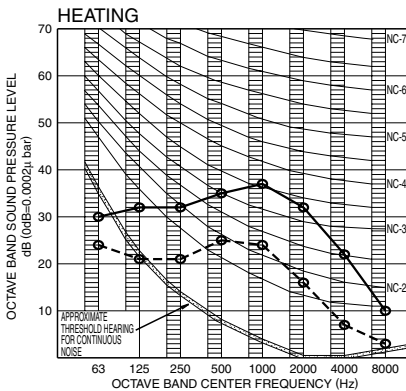
JIS STANDARD

STANDARD EXTERNAL STATIC PRESSURE

○ ○ 60Hz 208/230V (H)

○ - - ○ 60Hz 208/230V (L)

Cooling



OVER ALL (dB)

SCALE	60Hz	60Hz
	208/230V (H)	208/230V (L)
A	39	27

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

JIS STANDARD

STANDARD EXTERNAL STATIC PRESSURE

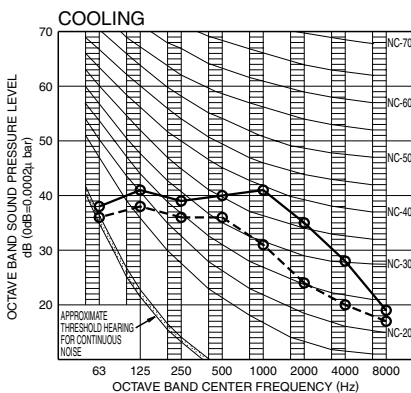
○ ○ 60Hz 208/230V (H)

○ - - ○ 60Hz 208/230V (L)

Heating

3D094766

FVXS18NVJU



OVER ALL (dB)

SCALE	60Hz	60Hz
	208/230V (H)	208/230V (L)
A	44	36

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

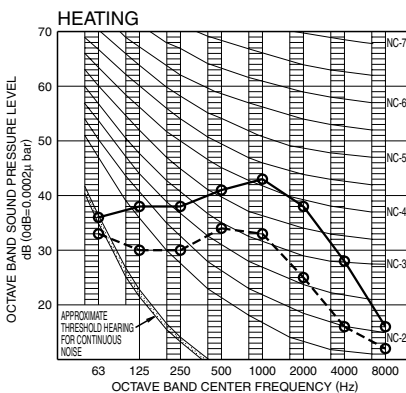
JIS STANDARD

STANDARD EXTERNAL STATIC PRESSURE

○ ○ 60Hz 208/230V (H)

○ - - ○ 60Hz 208/230V (L)

Cooling



OVER ALL (dB)

SCALE	60Hz	60Hz
	208/230V (H)	208/230V (L)
A	45	36

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

JIS STANDARD

STANDARD EXTERNAL STATIC PRESSURE

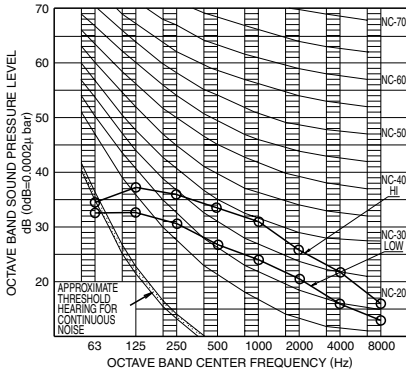
○ ○ 60Hz 208/230V (H)

○ - - ○ 60Hz 208/230V (L)

Heating

3D094777

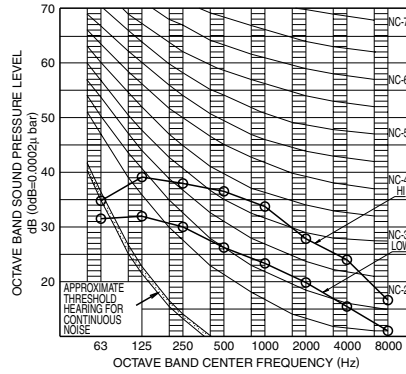
FFQ09LVJU



OVER ALL (dB)		
SCALE	HI	LOW
A	36.0	29.5
(B.G.N IS ALREADY RECTIFIED)		
OPERATING CONDITIONS		
POWER SOURCE 208/230V, 60Hz		
STANDARD CONDITION (JIS)		
4 DIRECTION DISCHARGE		

4D080696

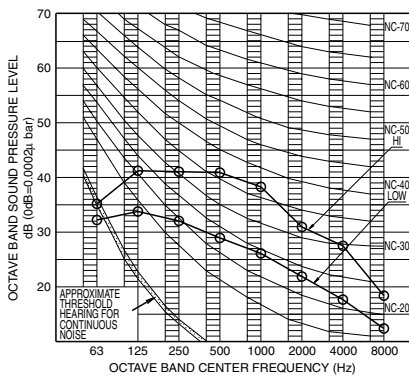
FFQ12LVJU



OVER ALL (dB)		
SCALE	HI	LOW
A	38.5	29.0
(B.G.N IS ALREADY RECTIFIED)		
OPERATING CONDITIONS		
POWER SOURCE 208/230V, 60Hz		
STANDARD CONDITION (JIS)		
4 DIRECTION DISCHARGE		

4D080697

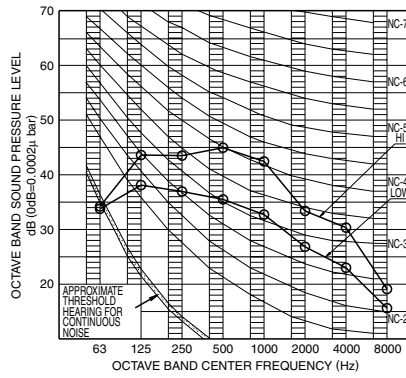
FFQ15LVJU



OVER ALL (dB)		
SCALE	HI	LOW
A	42.5	31.5
(B.G.N IS ALREADY RECTIFIED)		
OPERATING CONDITIONS		
POWER SOURCE 208/230V, 60Hz		
STANDARD CONDITION (JIS)		
4 DIRECTION DISCHARGE		

4D080698

FFQ18LVJU

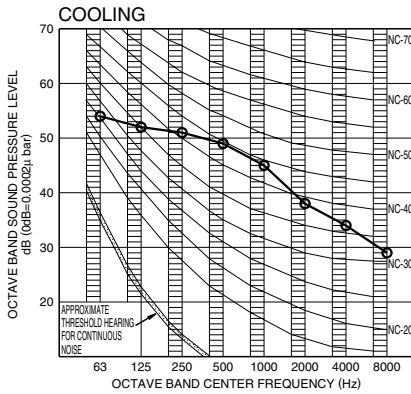


OVER ALL (dB)		
SCALE	HI	LOW
A	46.0	37.5
(B.G.N IS ALREADY RECTIFIED)		
OPERATING CONDITIONS		
POWER SOURCE 208/230V, 60Hz		
STANDARD CONDITION (JIS)		
4 DIRECTION DISCHARGE		

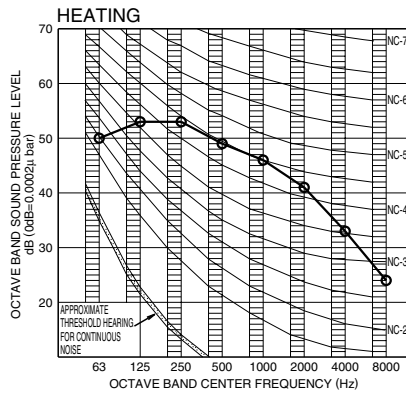
4D080699

10.3 Outdoor Unit

2MXS18NMVJU



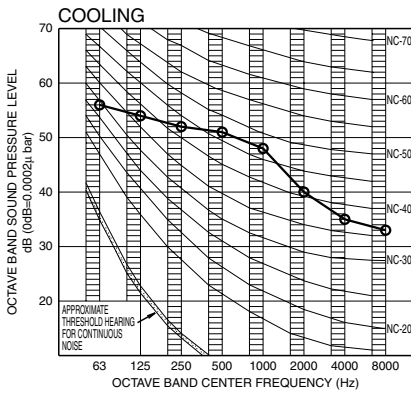
OVER ALL (dB)	
SCALE	208-230V 60Hz
A	50
(B.G.N IS ALREADY RECTIFIED)	
OPERATING CONDITIONS	
POWER SOURCE	208-230V 60Hz
JIS STANDARD	
○ ○	
Cooling	



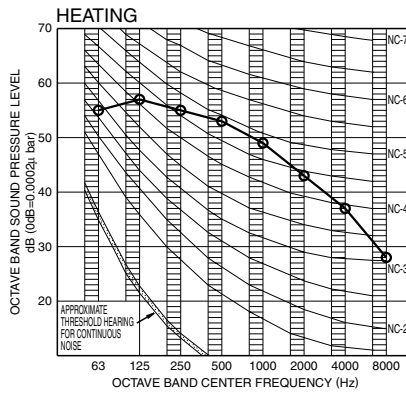
OVER ALL (dB)	
SCALE	208-230V 60Hz
A	51
(B.G.N IS ALREADY RECTIFIED)	
OPERATING CONDITIONS	
POWER SOURCE	208-230V 60Hz
JIS STANDARD	
○ ○	
Heating	

3D093187

3MXS24NMVJU



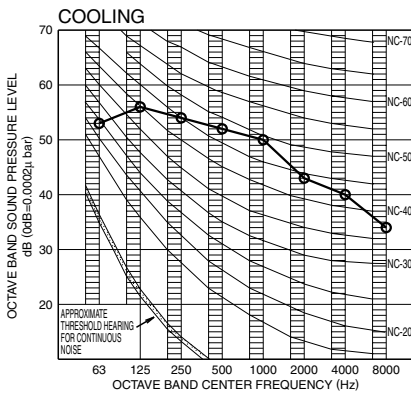
OVER ALL (dB)	
SCALE	208-230V 60Hz
A	52
(B.G.N IS ALREADY RECTIFIED)	
OPERATING CONDITIONS	
POWER SOURCE	208-230V 60Hz
JIS STANDARD	
○ ○	
Cooling	



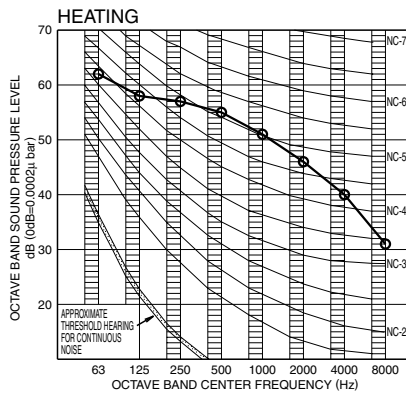
OVER ALL (dB)	
SCALE	208-230V 60Hz
A	54
(B.G.N IS ALREADY RECTIFIED)	
OPERATING CONDITIONS	
POWER SOURCE	208-230V 60Hz
JIS STANDARD	
○ ○	
Heating	

3D093188

4MXS36NMVJU



OVER ALL (dB)	
SCALE	208-230V 60Hz
A	54
(B.G.N IS ALREADY RECTIFIED)	
OPERATING CONDITIONS	
POWER SOURCE	208-230V 60Hz
JIS STANDARD	
○ ○	
Cooling	



OVER ALL (dB)	
SCALE	208-230V 60Hz
A	56
(B.G.N IS ALREADY RECTIFIED)	
OPERATING CONDITIONS	
POWER SOURCE	208-230V 60Hz
JIS STANDARD	
○ ○	
Heating	

3D093189

11. Electric Characteristics

Outdoor Unit	Power Supply				Compressor		OFM	
	Hz - Volts	Voltage Range	MCA	MFA	MSC	RLA	W	FLA
2MXS18NMVJU	60 - 208	Max. 60 Hz 253 V Min. 60 Hz 187 V	15.80	20	14.0	14.0	56	0.37
	60 - 230							
3MXS24NMVJU	60 - 208	Max. 60 Hz 253 V Min. 60 Hz 187 V	18.70	20	15.5	15.5	51	0.33
	60 - 230							
4MXS36NMVJU	60 - 208	Max. 60 Hz 253 V Min. 60 Hz 187 V	19.75	20	17.5	17.5	75	0.50
	60 - 230							

Symbols:

MCA	: Min. circuit amps (A)
MFA	: Max. fuse amps (A)
MSC	: Max. current during starting compressor (A)
RLA	: Rated load amps (A)
OFM	: Outdoor fan motor
W	: Fan motor rated output (W)
FLA	: Full load amps (A)

Notes:

1. RLA is based on the following conditions.
Cooling
Indoor temp.: 80°FDB (27°CDB) / 67°FWB (19°CWB)
Outdoor temp.: 95°FDB (35°CDB)
2. Voltage range
Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
3. Maximum allowable voltage variation between phases is 2%.
4. MCA represents maximum input current.
MFA represents capacity which may accept MCA.
5. Select wire size based on the value of MCA.
6. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).
7. Be sure to install an earth leak detector.
(This unit uses an inverter, which means that an earth leak detector capable of handling high harmonics must be used in order to prevent malfunctioning of the earth leak detector.)

3D093255

Part 2

Installation Manual

1. CTXS, FTXS, CDXS, FDXS, FVXS Series	298
1.1 Safety Considerations	298
1.2 CTXS07LVJU, FTXS09/12LVJU	300
1.3 FTXS15/18/24LVJU	311
1.4 FDXS09/12LVJU, CDXS15/18/24LVJU	321
1.5 FVXS09/12/18NVJU.....	332
2. FFQ Series.....	348
2.1 FFQ09/12/15/18LVJU	348
2.2 <BYFQ60B3W1> Decoration Panel	372
2.3 <BRC1E71> Wired Remote Controller.....	375
2.4 <BRC7E830> Wireless Remote Controller	395
3. Outdoor Unit.....	404
3.1 2MXS18NMVJU, 3MXS24NMVJU, 4MXS36NMVJU.....	404

1. CTXS, FTXS, CDXS, FDXS, FVXS Series

1.1 Safety Considerations




- Read these Safety Precautions carefully to ensure correct installation.
- This manual classifies the precautions into DANGER, WARNING and CAUTION. Be sure to follow all the precautions below: they are all important for ensuring safety.

⚠ DANGERIndicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

⚠ WARNINGFailure to follow any of WARNING is likely to result in such grave consequences as death or serious injury.

⚠ CAUTIONFailure to follow any of CAUTION may in some cases result in grave consequences.


- The following safety symbols are used throughout this manual:




 Be sure to observe this instruction.	 Be sure to establish a ground connection.	 Never attempt.
--	---	--

- After completing installation, test the unit to check for installation errors. Give the user adequate instructions concerning the use and cleaning of the unit according to the Operation Manual.

⚠ DANGER
<ul style="list-style-type: none"> • Refrigerant gas is heavier than air and replaces oxygen. A massive leak could lead to oxygen depletion, especially in basements, and an asphyxiation hazard could occur leading to serious injury or death.
<ul style="list-style-type: none"> • If the refrigerant gas leaks during installation, ventilate the area immediately. <small>Refrigerant gas may produce a toxic gas if it comes in contact with fire such as from a fan heater, stove or cooking device. Exposure to this gas could cause severe injury or death.</small>
<ul style="list-style-type: none"> • After completing the installation work, check that the refrigerant gas does not leak. <small>Refrigerant gas may produce a toxic gas if it comes in contact with fire such as from a fan heater, stove or cooking device. Exposure to this gas could cause severe injury or death.</small>
<ul style="list-style-type: none"> • Do not ground units to water pipes, telephone wires or lightning rods because incomplete grounding could cause a severe shock hazard resulting in severe injury or death, and to gas pipes because a gas leak could result in an explosion which could lead to severe injury or death.
<ul style="list-style-type: none"> • Safely dispose of the packing materials. <small>Packing materials, such as nails and other metal or wooden parts, may cause stabs or other injuries. Tear apart and throw away plastic packaging bags so that children will not play with them. Children playing with plastic bags face the danger of death by suffocation.</small>
<ul style="list-style-type: none"> • Do not install unit in an area where flammable materials are present due to risk of explosion resulting in serious injury or death.
<ul style="list-style-type: none"> • Do not ground units to telephone wires or lightning rods because lightning strikes could cause a severe shock hazard resulting in severe injury or death, and to gas pipes because a gas leak could result in an explosion which could lead to severe injury or death.

⚠ WARNING
<ul style="list-style-type: none"> • Installation shall be left to the authorized dealer or another trained professional. <small>Improper installation may cause water leakage, electrical shock, fire, or equipment damage.</small>
<ul style="list-style-type: none"> • Install the air conditioner according to the instructions given in this manual. <small>Incomplete installation may cause water leakage, electrical shock, fire or equipment damage.</small>
<ul style="list-style-type: none"> • Be sure to use the supplied or exact specified installation parts. <small>Use of other parts may cause the unit to come to fall, water leakage, electrical shock, fire or equipment damage.</small>
<ul style="list-style-type: none"> • Install the air conditioner on a solid base that is level and can support the weight of the unit. <small>An inadequate base or incomplete installation may cause injury or equipment damage in the event the unit falls off the base or comes loose.</small>
<ul style="list-style-type: none"> • Electrical work shall be carried out in accordance with the installation manual and the national, state and local electrical wiring codes. <small>Insufficient capacity or incomplete electrical work may cause electrical shock, fire or equipment damage.</small>
<ul style="list-style-type: none"> • Be sure to use a dedicated power circuit. Never use a power supply shared by another appliance. <small>Follow all appropriate electrical codes.</small>
<ul style="list-style-type: none"> • For wiring, use a wire or cable long enough to cover the entire distance with no splices if possible. Do not use an extension cord. Do not put other loads on the power supply. Use an only a separate dedicated power circuit. <small>(Failure to do so may cause abnormal heat, electric shock, fire or equipment damage.)</small>
<ul style="list-style-type: none"> • Use the specified types of wires for electrical connections between the indoor and outdoor units. Follow all state and local electrical codes. <small>Firmly clamp the inter-unit wire so their terminals receive no external stresses. Incomplete connections or clamping may cause terminal overheating, fire or equipment damage.</small>
<ul style="list-style-type: none"> • After connecting all wires be sure to shape the cables so that they do not put undue stress on the electrical covers, panels or terminals. <small>Install covers over the wires. Incomplete cover installation may cause terminal overheating, electrical shock, fire or equipment damage.</small>
<ul style="list-style-type: none"> • When installing or relocating the system, be sure to keep the refrigerant circuit free from all substances other than the specified refrigerant (R410A), such as air. <small>(Any presence of air or other foreign substance in the refrigerant circuit causes an abnormal pressure rise which may result in rupture, resulting in injury.)</small>

 WARNING	
<ul style="list-style-type: none"> • During pump-down, stop the compressor before removing the refrigerant piping. If the compressor is still running and the stop valve is open during pump-down, air will be sucked in when the refrigerant piping is removed, causing abnormally high pressure which could lead to equipment damage or and personal injury. 	
<ul style="list-style-type: none"> • During installation, attach the refrigerant piping securely before running the compressor. If the refrigerant pipes are not attached and the stop valve is open during pump-down, air will be sucked in when the compressor is run, causing abnormally high pressure which could lead to equipment damage and personal injury. 	
<ul style="list-style-type: none"> • Be sure to install a ground fault circuit interrupter breaker. Failure to install a ground fault circuit interrupter breaker may result in electrically shocks, or fire personal injury. 	

 CAUTION	
<ul style="list-style-type: none"> • Do not install the air conditioner where gas leakage would be exposed to open flames. If the gas leaks and builds up around the unit, it may catch fire. 	
<ul style="list-style-type: none"> • Establish drain piping according to the instructions of this manual. Inadequate piping may cause water damage. 	
<ul style="list-style-type: none"> • Tighten the flare nut according to the specified torque. A torque wrench should be used. If the flare nut is tightened too much, the flare nut may crack over time and cause refrigerant leakage. 	
<ul style="list-style-type: none"> • Do not touch the heat exchanger fins. Improper handling may result in injury. 	
<ul style="list-style-type: none"> • Be very careful about product transportation. Some products use PP bands for packaging. Do not use any PP bands for a means of transportation. It is dangerous. 	
<ul style="list-style-type: none"> • Electrical work must be performed in accordance with the NEC/CEC by authorized personnel only. 	

1.2 CTXS07LVJU, FTXS09/12LVJU

Accessories

Indoor unit (A) – (L).

(A) Mounting plate	1	(E) Remote controller holder	1	(J) Tube	1
(B) Mounting plate fixing screw 3/16" × 1" (M4 × 25mm)	5	(F) Fixing screw for remote controller holder 1/8" × 13/16" (M3 × 20mm)	2	(K) Operation manual	1
(C) Titanium apatite photocatalytic air-purifying filter	2	(G) Dry battery AAA. LR03 (alkaline)	2	(L) Installation manual	1
(D) Wireless remote controller	1	(H) Indoor unit fixing screw 3/16" × 1/2" (M4 × 12mm)	2		

Choosing an Installation Site

- Before choosing the installation site, obtain user approval.

1. Indoor unit

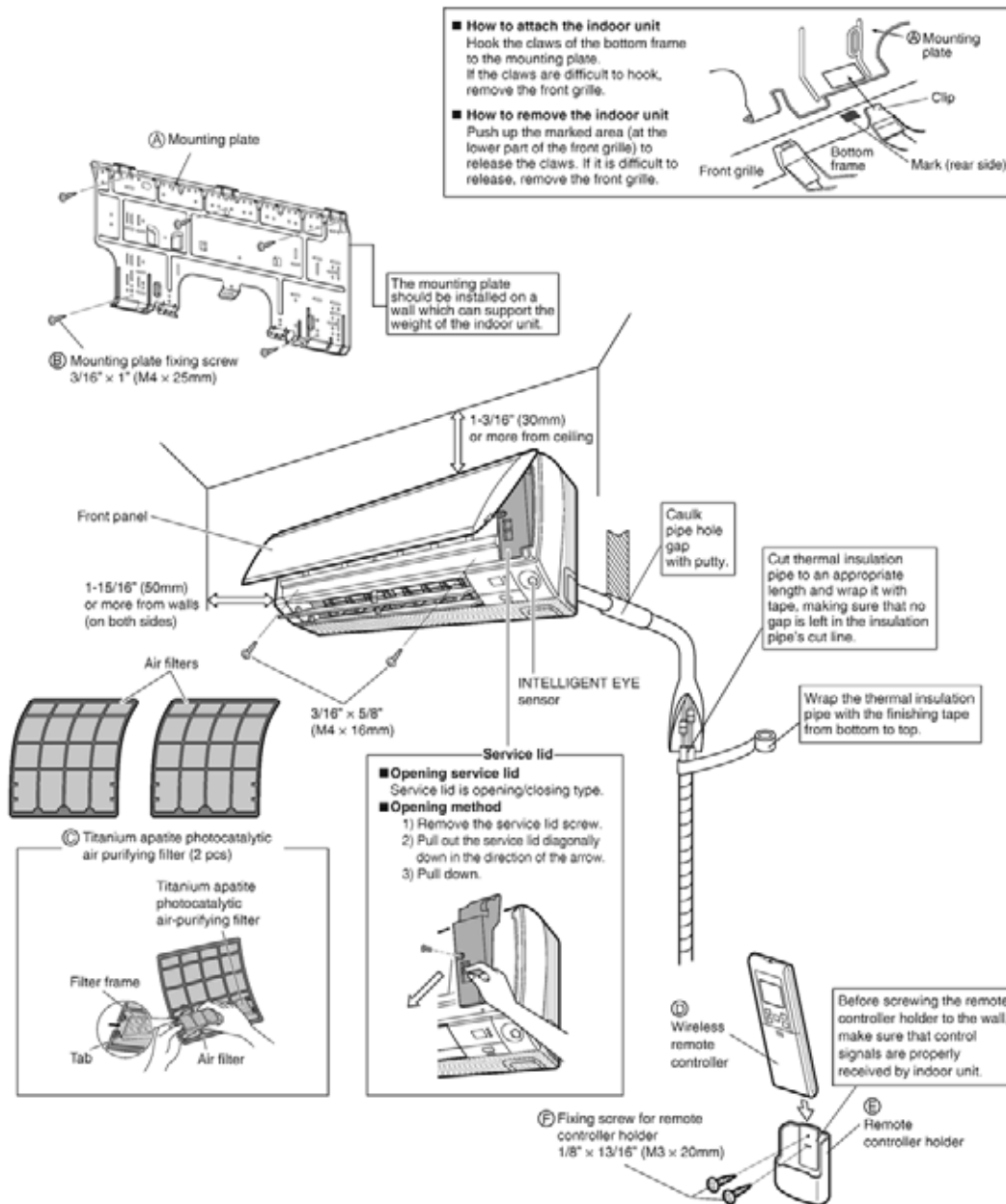
- The indoor unit should be sited in a place where:
 - 1) the restrictions on installation specified in the indoor unit installation drawings are met,
 - 2) both air inlet and air outlet have clear paths met,
 - 3) the unit is not in the path of direct sunlight,
 - 4) the unit is away from the source of heat or steam,
 - 5) there is no source of machine oil vapour (this may shorten indoor unit life),
 - 6) cool (warm) air is circulated throughout the room,
 - 7) the unit is away from electronic ignition type fluorescent lamps (inverter or rapid start type) as they may shorten the remote controller range,
 - 8) the unit is at least 3.5ft (1m) away from any television or radio set (unit may cause interference with the picture or sound),
 - 9) install at the recommended height 6ft (1.8m),
 - 10) no laundry equipment is located in the space.

2. Wireless remote controller

- 1) Turn on all the fluorescent lamps in the room, if any, and find the site where remote control signals are properly received by the indoor unit (within 23ft/7m).

2

Indoor Unit Installation Drawings



INTELLIGENT EYE sensor

⚠ CAUTION

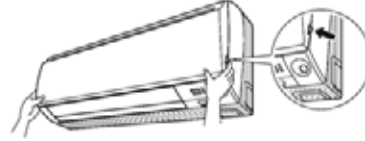
- Do not hit or forcefully push the INTELLIGENT EYE sensor. This can lead to damage and malfunction.
- Do not place large objects near the sensor. Also keep heating units or humidifiers outside the sensor's detection area.

Preparation before Installation

1. Removing and installing front panel

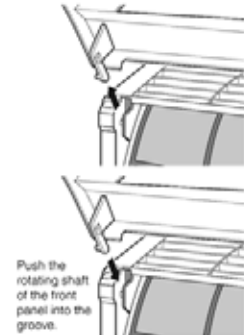
• Removal method

Hook fingers on the tabs on the left and right of the main body, and open until the panel stops. Slide the front panel sideways to disengage the rotating shaft. Then pull the front panel toward you to remove it.



• Installation method

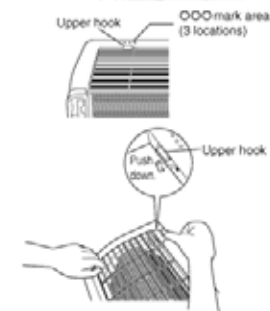
Align the tabs of the front panel with the grooves, and push all the way in. Then close slowly. Push the center of the lower surface of the panel firmly to engage the tabs.



2. Removing and installing front grille

• Removal method

- 1) Remove front panel to remove the air filter.
- 2) Remove 2 screws from the front grille.
- 3) In front of the ○○○ mark of the front grille, there are 3 upper hooks. Lightly pull the front grille toward you with one hand, and push down on the hooks with the fingers of your other hand.



When there is no work space because the unit is close to ceiling

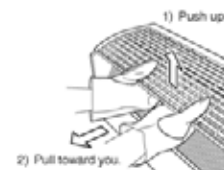
⚠ CAUTION

- Be sure to wear protection gloves.

Place both hands under the center of the front grille, and while pushing up, pull it toward you.

• Installation method

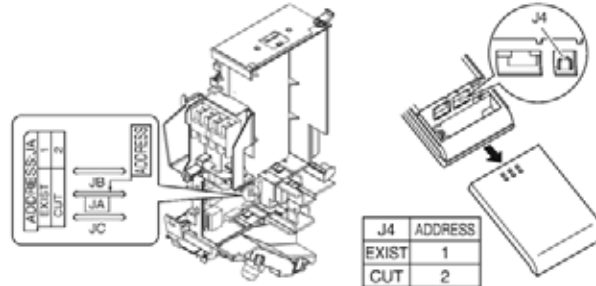
- 1) Install the front grille and firmly engage the upper hooks (3 locations).
- 2) Install 2 screws of the front grille.
- 3) Install the air filter and then mount the front panel.



3. How to set the different addresses

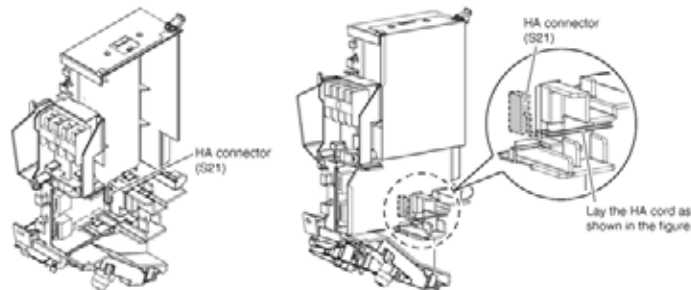
When 2 indoor units are installed in one room, the 2 wireless remote controllers can be set for different addresses.

- 1) Remove the metal plate electrical wiring cover.
(Refer to the **When connecting to an HA system.**)
- 2) Cut the address jumper (JA) on the printed circuit board.
- 3) Cut the address jumper (J4) in the remote controller.



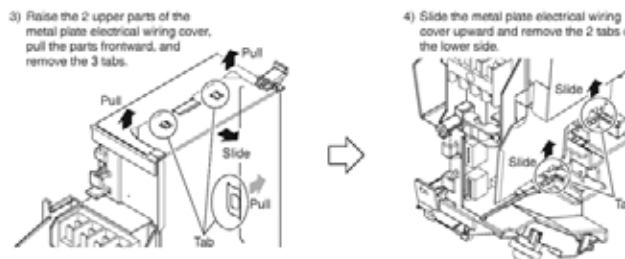
4. When connecting to an HA system (wired remote controller, central remote controller etc.)

- 1) Remove the metal plate electrical wiring cover.
(Refer to the **Removal/attachment methods of metal plate electrical wiring covers.**)
- 2) Attach the connection cord to the S21 connector and pull the harness out through the notched part in the figure.
- 3) Replace the electrical wiring cover as it was, and pull the harness around, as shown in the figure.



• Removal methods of metal plate electrical wiring cover

- 1) Remove the front grille.
- 2) Remove the electrical wiring box. (1 screw)
- 3) Raise the 2 upper parts of the metal plate electrical wiring cover, pull the parts frontward, and remove the 3 tabs.
- 4) Slide the metal plate electrical wiring cover upward and remove the 2 tabs on the lower side.

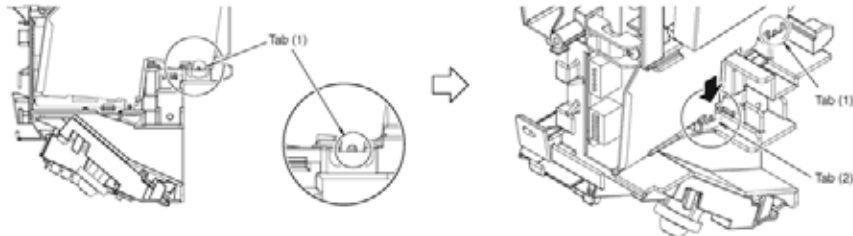


Preparation before Installation

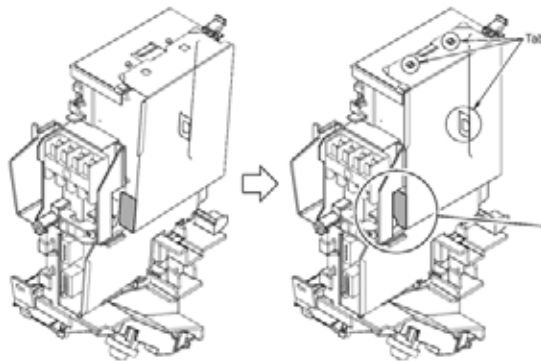
• Attachment methods of metal plate electrical wiring cover

Attach the metal plate electrical wiring cover as shown below.

- 1) Lean the metal plate electrical wiring cover as shown in the figure and attach tab (1) on the lower side to the electrical wiring box.
- 2) Attach tab (2) on the lower side of the metal plate electrical wiring cover.



- 3) Push in the upper part of the metal plate electrical wiring cover and attach the 3 tabs.



CAUTION

- Make sure that the shaded part (■) will not go inside the electrical wiring box.

Refrigerant Piping Work

1. Flaring the pipe end

- 1) Cut the pipe end with a pipe cutter.
- 2) Remove burrs with the cut surface facing downward so that the chips do not enter the pipe.
- 3) Put the flare nut on the pipe.
- 4) Flare the pipe.
- 5) Check that the flaring is properly made.

(Cut exactly at right angles.)

Remove burrs.

Check

Flare's inner surface must be flaw-free.

The pipe end must be evenly flared in a perfect circle.

Make sure that the flare nut is fitted.

Flaring

Set exactly at the position shown below.

	Flare tool for R410A		Conventional flare tool	
	Clutch-type	Clutch-type (Rigid-type)	Wing-out type (Imperial-type)	
A	0-0.020 inch (0-0.5mm)	0.039-0.059 inch (1.0-1.5mm)	0.059-0.079 inch (1.5-2.0mm)	

WARNING

- Do not use mineral oil on flared part.
- Prevent mineral oil from getting into the system as this would reduce the lifetime of the units.
- Never use piping which has been used for previous installations. Only use parts which are delivered with the unit.
- Never install a drier to this R410A unit in order to guarantee its lifetime.
- The drying material may dissolve and damage the system.
- Incomplete flaring may cause refrigerant gas leakage.

2. Refrigerant piping

⚠ CAUTION

- Use the flare nut fixed to the main unit to prevent it from cracking and deteriorating from age.
- To prevent gas leakage, apply refrigeration oil only to the inner surface of the flare. (Use refrigeration oil for R410A.)
- Use torque wrenches when tightening the flare nuts to prevent damage to the flare nuts and gas leakage.

Align the centers of both flares and tighten the flare nuts 3 or 4 turns by hand. Then tighten them fully with the torque wrenches.

[Apply oil]

[Tighten]

Flare nut tightening torque	
Gas side	Liquid side
3/8 inch (9.5mm)	1/4 inch (6.4mm)
24.1-29.4ft • lbf (32.7-39.9N • m)	10.4-12.7ft • lbf (14.2-17.2N • m)

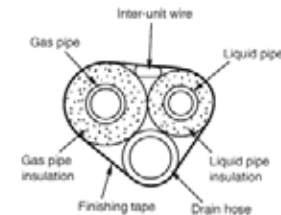
2-1. Caution on piping handling

- 1) Protect the open end of the pipe against dust and moisture.
- 2) All pipe bends should be as gentle as possible. Use a pipe bender for bending.



2-2. Selection of copper and heat insulation materials

- When using commercial copper pipes and fittings, observe the following:
 - 1) Insulation material: Polyethylene foam
Heat transfer rate: 0.041 to 0.052W/mK (0.024 to 0.030Btu/ft•h°F (0.035 to 0.045kcal/mh°C))
Be sure to use insulation that is designed for use with HVAC Systems.



- 2) Be sure to insulate both the gas and liquid piping and to provide insulation dimensions as below.

Gas side	Liquid side	Gas pipe thermal insulation	Liquid pipe thermal insulation
O.D. 3/8 inch (9.5mm)	O.D. 1/4 inch (6.4mm)	I.D. 15/32-19/32 inch (12-15mm)	I.D. 5/16-13/32 inch (8-10mm)
Minimum bend radius		Thickness 13/32 inch (10mm) Min.	
1-3/16 inch (30mm) or more			
Thickness 0.031 inch (0.8mm) (C1220T-O)			

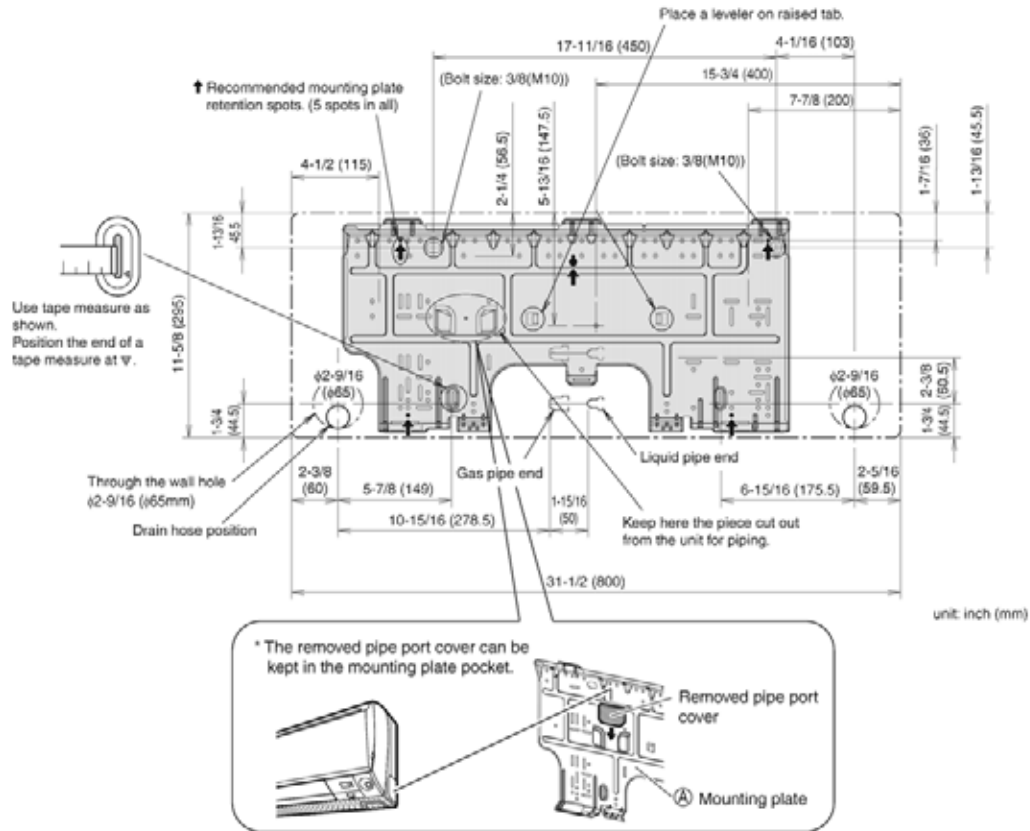
- 3) Use separate thermal insulation pipes for gas and liquid refrigerant pipes.

Indoor Unit Installation

1. Installing the mounting plate

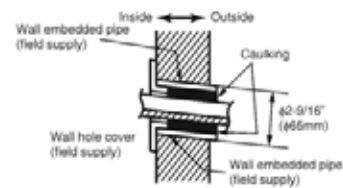
- The mounting plate should be installed on a wall which can support the weight of the indoor unit.
 - Temporarily secure the mounting plate to the wall, make sure that the plate is completely level, and mark the boring points on the wall.
 - Secure the mounting plate to the wall with screws.

Recommended mounting plate retention spots and dimensions



2. Boring a wall hole and installing wall embedded pipe

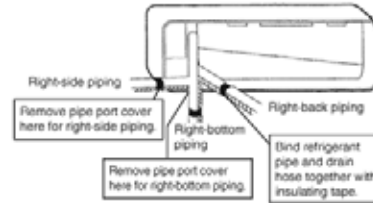
- For walls containing metal frame or metal board, be sure to use a wall embedded pipe and wall cover in the feed-through hole to prevent possible heat, electrical shock, or fire.
- Be sure to caulk the gaps around the pipes with caulking material to prevent water leakage.
 - Bore a feed-through hole of 2-9/16 inch (65mm) in the wall so it has a down slope toward the outside.
 - Insert a wall pipe into the hole.
 - Insert a wall cover into wall pipe.
 - After completing refrigerant piping, wiring, and drain piping, caulk pipe hole gap with putty.



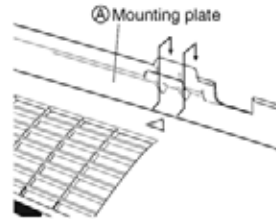
3. Laying piping, hoses, and wiring

3-1. Right-side, right-back, or right-bottom piping

- 1) Attach the drain hose to the underside of the refrigerant pipes with an adhesive vinyl tape.
- 2) Wrap the refrigerant pipes and drain hose together with insulation tape.

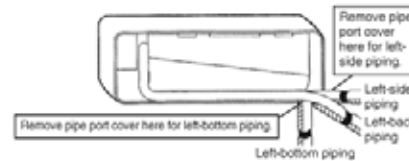


- 3) Pass the drain hose and refrigerant pipes through the wall hole, then set the indoor unit on the mounting plate hooks by using the Δ markings at the top of the indoor unit as a guide.



3-2. Left-side, left-back, or left-bottom piping

- 1) Replace the drain plug and drain hose.
- 2) Attach the drain hose to the underside of the refrigerant pipes with adhesive vinyl tape.

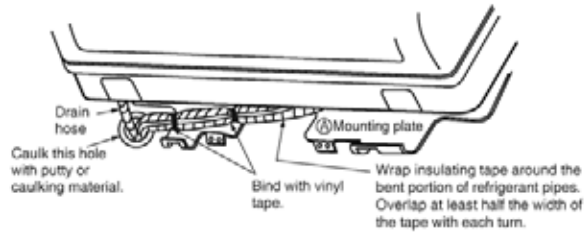


- 3) Be sure to connect the drain hose to the drain port in place of a drain plug.

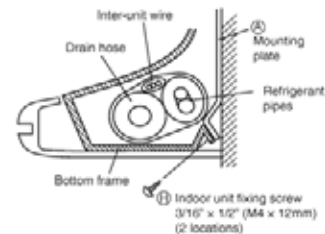
How to set drain plug.



- 4) Shape the refrigerant pipes along the pipe path marking on the mounting plate.
- 5) Pass drain hose and refrigerant pipes through the wall hole, then set the indoor unit on mounting plate hooks, using the Δ markings at the top of indoor unit as a guide.
- 6) Pull in the inter-unit wire.
- 7) Connect the inter-unit pipes.



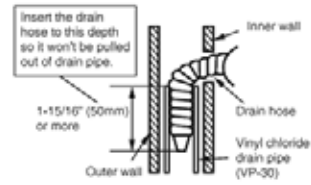
- 8) Wrap the refrigerant pipes and drain hose together with insulation tape as right figure, in case of setting the drain hose through the back of the indoor unit.
- 9) While exercising care so that the inter-unit wire do not catch indoor unit, press the bottom edge of indoor unit with both hands until it is firmly caught by the mounting plate hooks. Secure indoor unit to the mounting plate with indoor unit fixing screws $3/16 \times 1/2$ inch (M4 \times 12mm).



Indoor Unit Installation

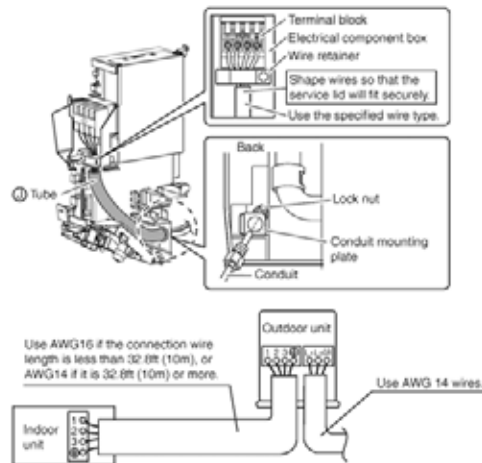
3-3. Wall embedded piping

- Insert the drain hose to this depth so it won't be pulled out of the drain pipe.



4. Wiring

- 1) As shown in the illustration on the right-hand side, insert the wires including the ground wire into the conduit and secure them with lock nut onto the conduit mounting plate.
- 2) Insert the wires including the ground wire into ① tube.
 - Cut ① tube when ② tube is too long.
- 3) Strip wire ends (9/16 inch (15mm)).
- 4) Match wire colors with terminal numbers on indoor and outdoor unit's terminal blocks and firmly screw wires to the corresponding terminals.
- 5) Connect the ground wires to the corresponding terminals.
- 6) Pull the wires and check that the wires are securely fixed to the terminal block.
- 7) In case of connecting to an adapter system, run the remote controller cable and attach the S21. (Refer to P5 when connecting to an HA system.)
- 8) Shape the wires so that the service lid fits securely, then close service lid.

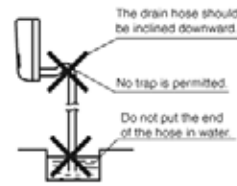


⚠ WARNING

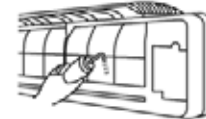
- Do not use tapped wires, stranded wires, extension cords, or starburst connections, as they may cause overheating, electrical shock, or fire.
- Do not use locally purchased electrical parts inside the product. (Do not branch the power for the drain pump, etc., from the terminal block.) Doing so may cause electric shock or fire.
- When carrying out wiring connection, take care not to pull at the conduit.
- Do not connect the power wire to the indoor unit. Doing so may cause electric shock or fire.

5. Drain piping

1) Connect the drain hose, as described right.

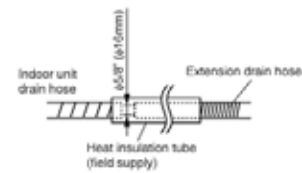


2) Remove the air filters and pour some water into the drain pan to check the water flows smoothly.

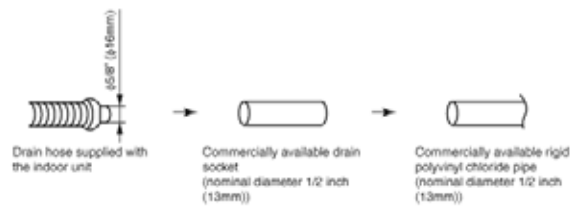


3) When drain hose requires extension, obtain an extension hose commercially available.

Be sure to thermally insulate the indoor section of the extension hose.



4) When connecting a rigid polyvinyl chloride pipe (nominal diameter 1/2 inch (13mm)) directly to the drain hose attached to the indoor unit as with embedded piping work, use any commercially available drain socket (nominal diameter 1/2 inch (13mm)) as a joint.



Trial Operation and Testing

1. Trial operation and testing

- 1-1 Measure the supply voltage and make sure that it falls in the specified range.
- 1-2 Trial operation should be carried out in either cooling or heating mode.
 - In cooling mode, select the lowest programmable temperature; in heating mode, select the highest programmable temperature.
 - 1) Trial operation may be disabled in either mode depending on the room temperature. Use the remote controller for trial operation as described below.
 - 2) After trial operation is complete, set the temperature to a normal level (78°F to 82°F (26°C to 28°C) in cooling mode, 68°F to 75°F (20°C to 24°C) in heating mode).
 - 3) For protection, the system disables restart operation for 3 minutes after it is turned off.
- 1-3 Carry out the test operation in accordance with the operation manual to ensure that all functions and parts, such as fin movement, are working properly.
 - The air conditioner requires a small amount of power in its standby mode. If the system is not to be used for some time after installation, shut off the circuit breaker to eliminate unnecessary power consumption.
 - If the circuit breaker trips to shut off the power to the air conditioner, the system will restore the original operation mode when the circuit breaker is opened again.

Trial operation from remote controller
1) Press "ON/OFF" button to turn on the system. 2) Press "TEMP" button (2 locations) and "MODE" button at the same time. 3) Press "MODE" button twice. (" ? " will appear on the display to indicate that trial operation mode is selected.) 4) Trial operation terminates in approx. 30 minutes and switches into normal mode. To quit a trial operation, press "ON/OFF" button.

2. Test items

Test items	Symptom (diagnostic display on RC)	Check
Indoor and outdoor units are installed properly on solid bases.	Fall, vibration, noise	
No refrigerant gas leaks.	Incomplete cooling/heating function	
Refrigerant gas and liquid pipes and indoor drain hose extension are thermally insulated.	Water leakage	
Draining line is properly installed.	Water leakage	
System is properly grounded.	Electrical leakage	
The specified wires are used for inter-unit wiring.	Inoperative or burn damage	
Indoor or outdoor unit's air inlet or air outlet has clear path of air. Stop valves are opened.	Incomplete cooling/heating function	
Indoor unit properly receives remote control commands.	Inoperative	
The heat pump or cooling only mode is selectable with the DIP switch of the remote controller.	Remote controller malfunctioning	

1.3 FTXS15/18/24LVJU

Accessories

Indoor unit (A) – (M)

(A) Mounting plate	1	(E) Remote controller holder	1	(J) Tube	1
(B) Mounting plate fixing screw 3/16" × 1" (M4 × 25mm)	9	(F) Fixing screw for remote controller holder 1/8" × 13/16" (M3 × 20mm)	2	(K) Operation manual	1
(C) Titanium apatite photocatalytic air-purifying filter	2	(G) Dry battery AAA. LR03 (alkaline)	2	(L) Installation manual	1
(D) Wireless remote controller	1	(H) Indoor unit fixing screw 3/16" × 1/2" (M4 × 12mm)	2	(M) Screw cover	3

2

Choosing an Installation Site

- Before choosing the installation site, obtain user approval.

1. Indoor unit

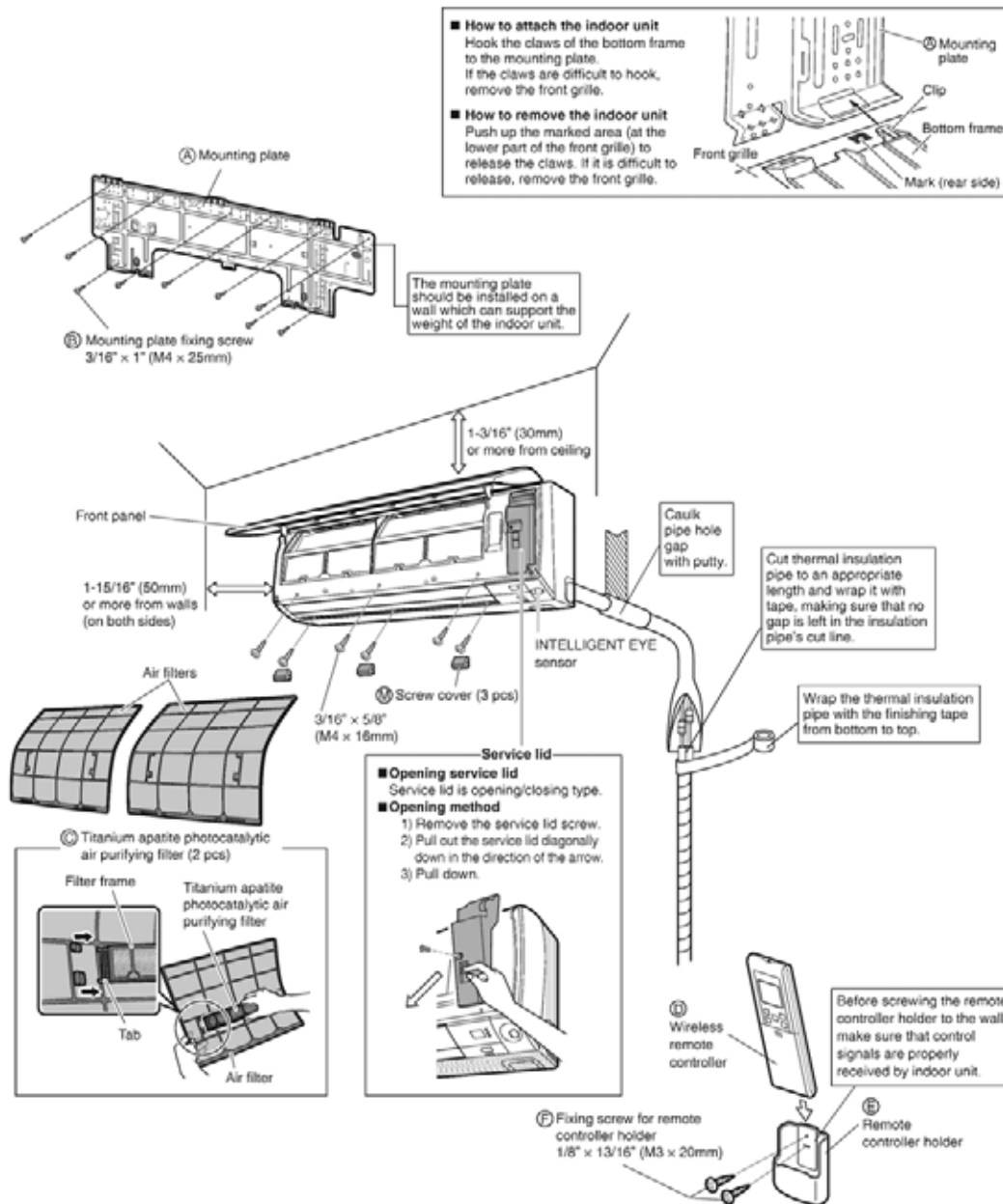
- The indoor unit should be sited in a place where:
 - 1) the restrictions on installation specified in the indoor unit installation drawings are met,
 - 2) both air inlet and air outlet have clear paths met,
 - 3) the unit is not in the path of direct sunlight,
 - 4) the unit is away from the source of heat or steam,
 - 5) there is no source of machine oil vapour (this may shorten indoor unit life),
 - 6) cool (warm) air is circulated throughout the room,
 - 7) the unit is away from electronic ignition type fluorescent lamps (inverter or rapid start type) as they may shorten the remote controller range,
 - 8) the unit is at least 3.5ft (1m) away from any television or radio set (unit may cause interference with the picture or sound),
 - 9) install at the recommended height 6ft (1.8m),
 - 10) no laundry equipment is located in the space.

2. Wireless remote controller

- 1) Turn on all the fluorescent lamps in the room, if any, and find the site where remote control signals are properly received by the indoor unit (within 23ft/7m).

2

Indoor Unit Installation Drawings



INTELLIGENT EYE sensor

⚠ CAUTION

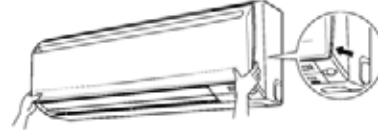
- Do not hit or forcefully push the INTELLIGENT EYE sensor. This can lead to damage and malfunction.
- Do not place large objects near the sensor. Also keep heating units or humidifiers outside the sensor's detection area.

Preparation before Installation

1. Removing and installing front panel

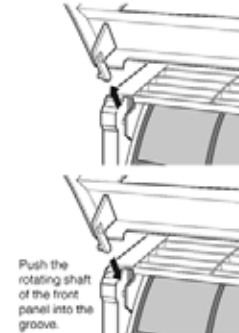
• Removal method

Hook fingers on the tabs on the left and right of the main body, and open until the panel stops. Slide the front panel sideways to disengage the rotating shaft. Then pull the front panel toward you to remove it.



• Installation method

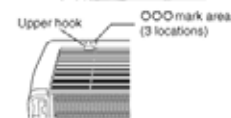
Align the tabs of the front panel with the grooves, and push all the way in. Then close slowly. Push the center of the lower surface of the panel firmly to engage the tabs.



2. Removing and installing front grille

• Removal method

- 1) Remove front panel to remove the air filter.
- 2) Remove 6 screws from the front grille.
- 3) In front of the ○○○ mark of the front grille, there are 3 upper hooks. Lightly pull the front grille toward you with one hand, and push down on the hooks with the fingers of your other hand.



When there is no work space because the unit is close to ceiling

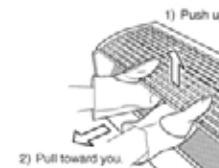
⚠ CAUTION

- Be sure to wear protection gloves.

Place both hands under the center of the front grille, and while pushing up, pull it toward you.

• Installation method

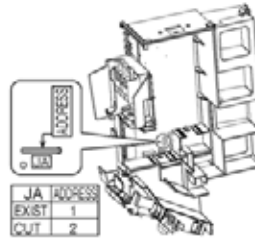
- 1) Install the front grille and firmly engage the upper hooks (3 locations).
- 2) Install 6 screws of the front grille.
- 3) Install the air filter and then mount the front panel.



3. How to set the different addresses

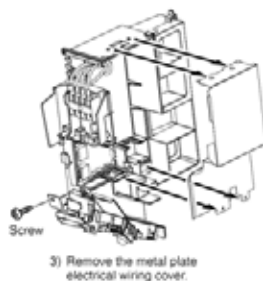
When 2 indoor units are installed in one room, the 2 wireless remote controllers can be set for different addresses.

- 1) Remove the metal plate electrical wiring cover. (Refer to the **When connecting to an HA system.**)
- 2) Cut the address jumper (JA) on the printed circuit board.
- 3) Cut the address jumper (JA) in the remote controller.

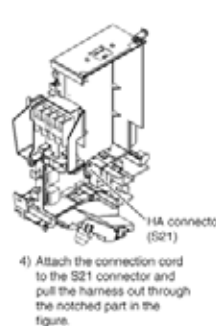
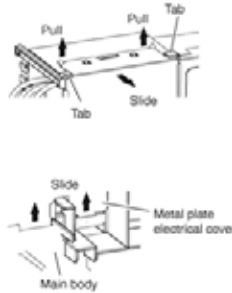


4. When connecting to an HA system (wired remote controller, central remote controller etc.)

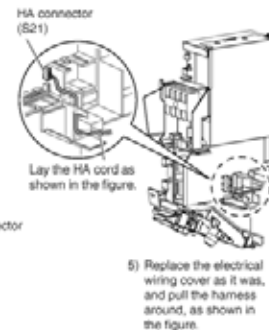
- 1) Remove the front grille. (6 screws)
- 2) Remove the electrical wiring box. (1 screw)
- 3) Remove the metal plate electrical wiring cover. (4 tabs)
- 4) Attach the connection cord to the S21 connector and pull the harness out through the notched part in the figure.
- 5) Replace the electrical wiring cover as it was, and pull the harness around, as shown in the figure.



3) Remove the metal plate electrical wiring cover.



4) Attach the connection cord to the S21 connector and pull the harness out through the notched part in the figure.



5) Replace the electrical wiring cover as it was, and pull the harness around, as shown in the figure.

Refrigerant Piping Work

1. Flaring the pipe end

- 1) Cut the pipe end with a pipe cutter.
- 2) Remove burrs with the cut surface facing downward so that the chips do not enter the pipe.
- 3) Put the flare nut on the pipe.
- 4) Flare the pipe.
- 5) Check that the flaring is properly made.

(Cut exactly at right angles.)

Remove burrs.

Check

Flare's inner surface must be burr-free.

The pipe end must be evenly flared in a perfect circle.

Make sure that the flare nut is fitted.

Flaring

Set exactly at the position shown below.

Flare tool for R410A	Conventional flare tool		
	Clutch-type	Clutch-type (rigid-type)	Wing-nut type (impulse-type)
A	0-0.020 inch (0-0.5mm)	0.039-0.059 inch (1.0-1.5mm)	0.059-0.079 inch (1.5-2.0mm)

⚠ WARNING

- Do not use mineral oil on flared part.
- Prevent mineral oil from getting into the system as this would reduce the lifetime of the units.
- Never use piping which has been used for previous installations. Only use parts which are delivered with the unit.
- Never install a drier to this R410A unit in order to guarantee its lifetime.
- The drying material may dissolve and damage the system.
- Incomplete flaring may cause refrigerant gas leakage.

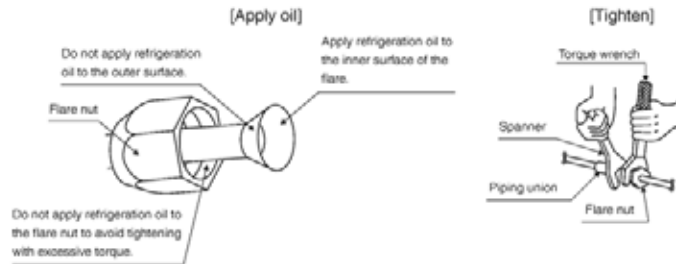
Refrigerant Piping Work

2. Refrigerant piping

⚠ CAUTION

- Use the flare nut fixed to the main unit to prevent it from cracking and deteriorating from age.
- To prevent gas leakage, apply refrigeration oil only to the inner surface of the flare. (Use refrigeration oil for R410A.)
- Use torque wrenches when tightening the flare nuts to prevent damage to the flare nuts and gas leakage.

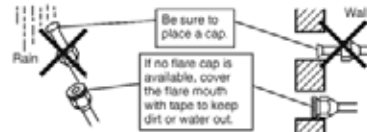
Align the centers of both flares and tighten the flare nuts 3 or 4 turns by hand. Then tighten them fully with the torque wrenches.



Flare nut tightening torque		
Gas side		Liquid side
15,18 class	24 class	
1/2 inch (12.7mm)	5/8 inch (15.9mm)	1/4 inch (6.4mm)
36.5-44.5ft • lbf (49.5-60.3N • m)	45.6-55.6ft • lbf (61.8-75.4N • m)	10.4-12.7ft • lbf (14.2-17.2N • m)

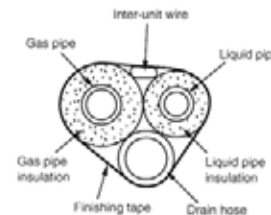
2-1. Caution on piping handling

- 1) Protect the open end of the pipe against dust and moisture.
- 2) All pipe bends should be as gentle as possible. Use a pipe bender for bending.



2-2. Selection of copper and heat insulation materials

- When using commercial copper pipes and fittings, observe the following:
- 1) Insulation material: Polyethylene foam
Heat transfer rate: 0.041 to 0.052W/mK (0.024 to 0.030Btu/ft•h°F (0.035 to 0.045kcal/mh°C))
Be sure to use insulation that is designed for use with HVAC Systems.



- 2) Be sure to insulate both the gas and liquid piping and to provide insulation dimensions as below.

Gas side		Liquid side	Gas pipe thermal insulation		Liquid pipe thermal insulation
15,18 class	24 class		15,18 class	24 class	
O.D. 1/2 inch (12.7mm)	O.D. 5/8 inch (15.9mm)	O.D. 1/4 inch (6.4mm)	I.D. 9/16-5/8 inch (14-16mm)	I.D. 5/8-25/32 inch (16-20mm)	I.D. 5/16-13/32 inch (8-10mm)
Minimum bend radius			Thickness 13/32 inch (10mm) Min.		
1-9/16 inch (40mm) or more		1-3/16 inch (30mm) or more			
Thickness 0.031 inch (0.8mm) (C1220T-O)					

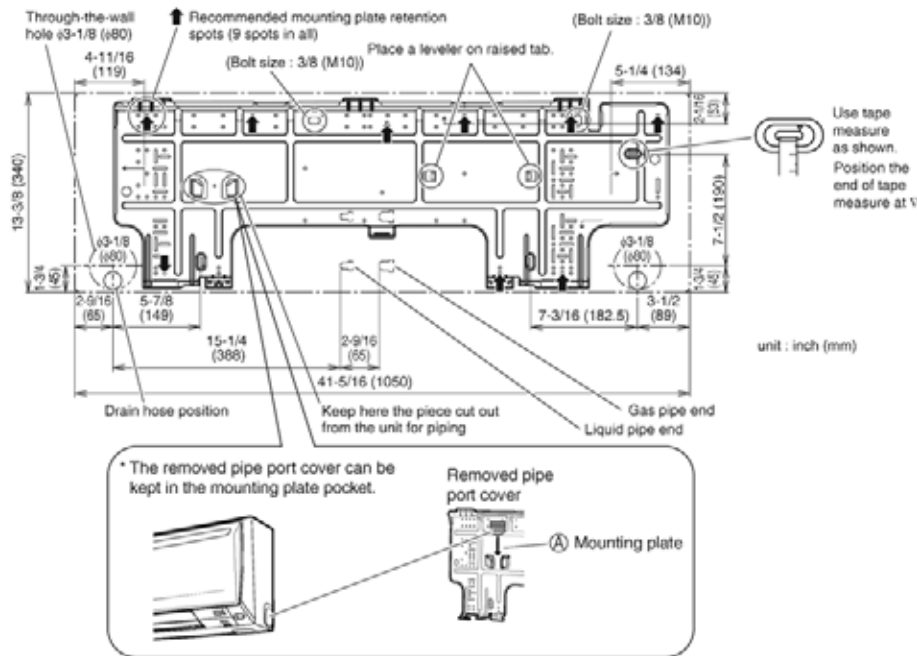
- 3) Use separate thermal insulation pipes for gas and liquid refrigerant pipes.

Indoor Unit Installation

1. Installing the mounting plate

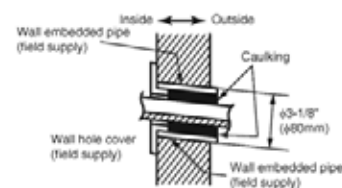
- The mounting plate should be installed on a wall which can support the weight of the indoor unit.
- 1) Temporarily secure the mounting plate to the wall, make sure that the plate is completely level, and mark the boring points on the wall.
- 2) Secure the mounting plate to the wall with screws.

Recommended mounting plate retention spots and dimensions



2. Boring a wall hole and installing wall embedded pipe

- For walls containing metal frame or metal board, be sure to use a wall embedded pipe and wall cover in the feed-through hole to prevent possible heat, electrical shock, or fire.
- Be sure to caulk the gaps around the pipes with caulking material to prevent water leakage.
- 1) Bore a feed-through hole of 3-1/8 inch (80mm) in the wall so it has a down slope toward the outside.
- 2) Insert a wall pipe into the hole.
- 3) Insert a wall cover into wall pipe.
- 4) After completing refrigerant piping, wiring, and drain piping, caulk pipe hole gap with putty.

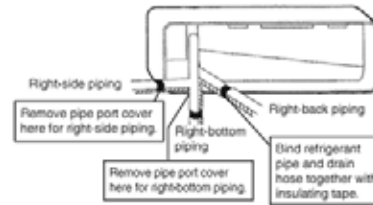


Indoor Unit Installation

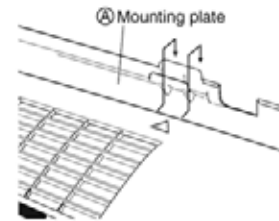
3. Laying piping, hoses, and wiring

3-1. Right-side, right-back, or right-bottom piping

- 1) Attach the drain hose to the underside of the refrigerant pipes with an adhesive vinyl tape.
- 2) Wrap the refrigerant pipes and drain hose together with insulation tape.

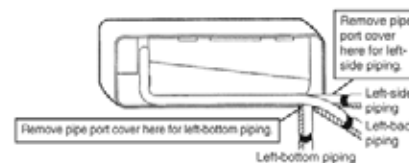


- 3) Pass the drain hose and refrigerant pipes through the wall hole, then set the indoor unit on the mounting plate hooks by using the Δ markings at the top of the indoor unit as a guide.



3-2. Left-side, left-back, or left-bottom piping

- 1) Replace the drain plug and drain hose.
- 2) Attach the drain hose to the underside of the refrigerant pipes with adhesive vinyl tape.

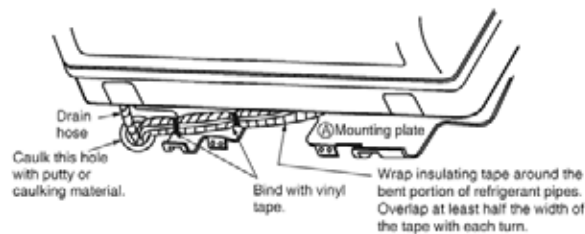


- 3) Be sure to connect the drain hose to the drain port in place of a drain plug.

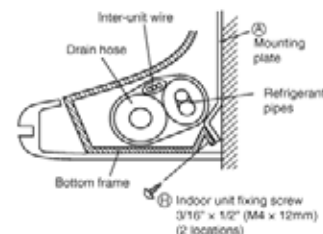
How to set drain plug.



- 4) Shape the refrigerant pipes along the pipe path marking on the mounting plate.
- 5) Pass drain hose and refrigerant pipes through the wall hole, then set the indoor unit on mounting plate hooks, using the Δ markings at the top of indoor unit as a guide.
- 6) Pull in the inter-unit wire.
- 7) Connect the inter-unit pipes.

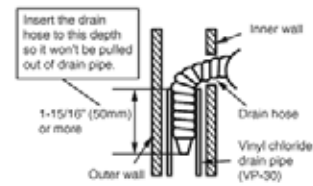


- 8) Wrap the refrigerant pipes and drain hose together with insulation tape as right figure, in case of setting the drain hose through the back of the indoor unit.
- 9) While exercising care so that the inter-unit wire do not catch indoor unit, press the bottom edge of indoor unit with both hands until it is firmly caught by the mounting plate hooks. Secure indoor unit to the mounting plate with indoor unit fixing screws $3/16 \times 1/2$ inch (M4 \times 12mm).



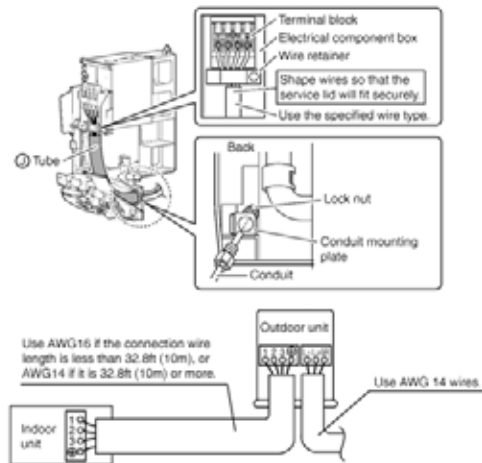
3-3. Wall embedded piping

- Insert the drain hose to this depth so it won't be pulled out of the drain pipe.



4. Wiring

- 1) As shown in the illustration on the right-hand side, insert the wires including the ground wire into the conduit and secure them with lock nut onto the conduit mounting plate.
- 2) Insert the wires including the ground wire into (J) tube.
- 3) Strip wire ends (9/16 inch (15mm)).
- 4) Match wire colors with terminal numbers on indoor and outdoor unit's terminal blocks and firmly screw wires to the corresponding terminals.
- 5) Connect the ground wires to the corresponding terminals.
- 6) Pull the wires and check that the wires are securely fixed to the terminal block.
- 7) In case of connecting to an adapter system, run the remote controller cable and attach the S21. (Refer to P5 when connecting to an HA system.)
- 8) Shape the wires so that the service lid fits securely, then close service lid.



⚠ WARNING

- Do not use tapped wires, stranded wires, extension cords, or starburst connections, as they may cause overheating, electrical shock, or fire.
- Do not use locally purchased electrical parts inside the product. (Do not branch the power for the drain pump, etc., from the terminal block.) Doing so may cause electric shock or fire.
- When carrying out wiring connection, take care not to pull at the conduit.
- Do not connect the power wire to the indoor unit. Doing so may cause electric shock or fire.

Indoor Unit Installation

5. Drain piping

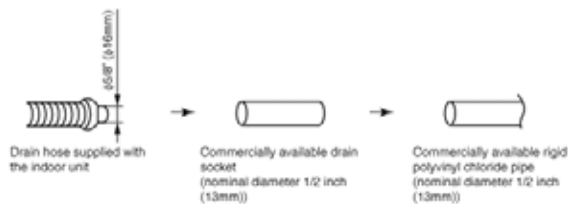
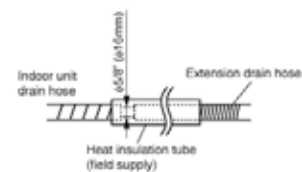
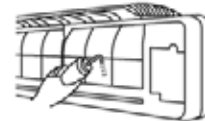
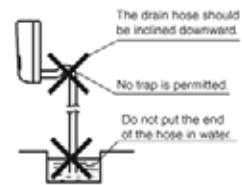
1) Connect the drain hose, as described right.

2) Remove the air filters and pour some water into the drain pan to check the water flows smoothly.

3) When drain hose requires extension, obtain an extension hose commercially available.

Be sure to thermally insulate the indoor section of the extension hose.

4) When connecting a rigid polyvinyl chloride pipe (nominal diameter 1/2 inch (13mm)) directly to the drain hose attached to the indoor unit as with embedded piping work, use any commercially available drain socket (nominal diameter 1/2 inch (13mm)) as a joint.



Trial Operation and Testing

1. Trial operation and testing

1-1 Measure the supply voltage and make sure that it falls in the specified range.

1-2 Trial operation should be carried out in either cooling or heating mode.

- In cooling mode, select the lowest programmable temperature; in heating mode, select the highest programmable temperature.

1) Trial operation may be disabled in either mode depending on the room temperature.

Use the remote controller for trial operation as described below.

2) After trial operation is complete, set the temperature to a normal level (78°F to 82°F (26°C to 28°C) in cooling mode, 68°F to 75°F (20°C to 24°C) in heating mode).

3) For protection, the system disables restart operation for 3 minutes after it is turned off.

1-3 Carry out the test operation in accordance with the operation manual to ensure that all functions and parts, such as fin movement, are working properly.

- The air conditioner requires a small amount of power in its standby mode. If the system is not to be used for some time after installation, shut off the circuit breaker to eliminate unnecessary power consumption.
- If the circuit breaker trips to shut off the power to the air conditioner, the system will restore the original operation mode when the circuit breaker is opened again.

Trial operation from remote controller

1) Press "ON/OFF" button to turn on the system.

2) Press "TEMP" button (2 locations) and "MODE" button at the same time.

3) Press "MODE" button twice.

("T" will appear on the display to indicate that trial operation mode is selected.)

























4) Trial operation terminates in approx. 30 minutes and switches into normal mode. To quit a trial operation, press "ON/OFF" button.

2. Test items

Test items	Symptom (diagnostic display on RC)	Check
Indoor and outdoor units are installed properly on solid bases.	Fall, vibration, noise	
No refrigerant gas leaks.	Incomplete cooling/heating function	
Refrigerant gas and liquid pipes and indoor drain hose extension are thermally insulated.	Water leakage	
Draining line is properly installed.	Water leakage	
System is properly grounded.	Electrical leakage	
The specified wires are used for inter-unit wiring.	Inoperative or burn damage	
Indoor or outdoor unit's air inlet or air outlet has clear path of air. Stop valves are opened.	Incomplete cooling/heating function	
Indoor unit properly receives remote control commands.	Inoperative	
The heat pump or cooling only mode is selectable with the DIP switch of the remote controller.	Remote controller malfunctioning	

1.4 FDXS09/12LVJU, CDXS15/18/24LVJU

Accessories

Clamp metal	Insulation for fitting	Sealing pad			Drain hose	Washer for hanger bracket	Sealing material	Clamp	Washer fixing plate	Screws for duct flanges
1 pc.	1 each	Large and small 1 each	3 pcs. (only for CDXS)	1 pc.	1 pc.	8 pcs.	2 pcs.	6 pcs.	1 set	1 set
	 for gas pipe  for liquid pipe	 Large  Small	 2 large  1 small	 Hanger (right) insulation				 One is spare	 4 pcs.	 24 pcs.
Stored in outlet vent										
Conduit mounting plate	Screws for conduit mounting plate	Insulation tube	Air filter	Wireless remote controller	Remote controller holder	Dry battery AAA, LR03 (alkaline)	Receiver kit			
1 pc.	2 pcs.	1 pc.	1 pc.	1 pc.	1 pc.	1 set	1 pc.	1 pc.	2 pcs.	
						 2 pcs.			 Screws M4 x 25	
[Other]		• Operation manual		• Installation manual						

Choosing an Installation Site

- Before choosing the installation site, obtain user approval.

1. Indoor unit

⚠ CAUTION

- When moving the unit during or after unpacking, make sure to lift it by holding its lifting lugs. Do not exert any pressure on other parts, especially the refrigerant piping, drain piping and flange parts. Wear protective gear (such as gloves) when installing the unit.
- If you think the humidity inside the ceiling might exceed 86°F (30°C) and RH80%, reinforce the insulation on the unit body. Use glass wool or polyethylene foam as insulation so that the thickness is more than 0.4in (10mm) and fits inside the ceiling opening.

- Optimum air distribution is ensured.
- The air passage is not blocked.
- Condensate can drain properly.
- The ceiling is strong enough to bear the weight of the indoor unit.
- A false ceiling does not seem to be at an incline.
- Sufficient clearance for maintenance and servicing is ensured.
- Piping between the indoor and outdoor units is within the allowable limits. (Refer to the installation manual for the outdoor unit.)
- The indoor unit, outdoor unit, power supply wiring and transmission wiring is at least 3.3ft (1m) away from televisions and radios. This prevents image interference and noise in electrical appliances. (Noise may be generated depending on the conditions under which the electric wave is generated, even if a 3.3ft (1m) allowance is maintained.)

- **Use suspension bolts to install the unit. Check whether or not the ceiling is strong enough to support the weight of the unit. If there is a risk that the ceiling is not strong enough, reinforce the ceiling before installing the unit.**

(Installation pitch is marked on the carton box for installation. Refer to it to check for points requiring reinforcing.) Select the "H dimension such that a downward slope of at least 1/100 is ensured as indicated in "Drain Piping Work".

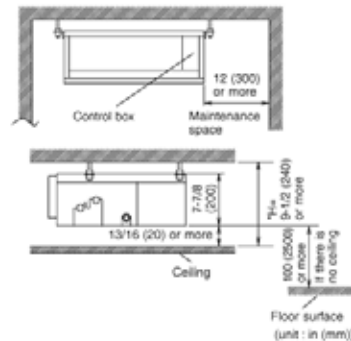
- The installation pitch is listed on the packing material, and should be checked when deciding whether to reinforce the location or not.

- **Select the signal receiver mounting location according to the following conditions:**

- Install the signal receiver, which has a built-in temperature sensor, near the intake vent where there is convection of air and it can get an accurate reading of the room's temperature. If the intake vent is in another room or the unit cannot be installed near the intake vent for any other reason, install it 5ft (1.5m) above the floor on a wall where there is convection.
- In order to get an accurate reading of the room's temperature, install the signal receiver in a location where it is not exposed directly to cold or hot air from the air discharge grille or to direct sunlight.
- Since the receiver has a built-in light receptor to receive signals from the wireless remote controller, do not mount it in a location where the signal may be blocked by a curtain, etc.

⚠ CAUTION

If the signal receiver is not installed in a location where there is convection of air, it may be unable to get an accurate reading of the room's temperature.



Air outlet grille:
Wooden or plastic grille is recommended because condensation may occur depending on humidity conditions.



Choosing an Installation Site

2. Wireless remote controller

- Turn on all the fluorescent lamps in the room, if any, and find the site where remote controller signals are properly received by the indoor unit (within 13ft (4m)).

3. Outdoor unit

- For outdoor unit installation, see the installation manual supplied with the outdoor unit.

Preparations before Installation

■ Relation of the unit to the suspension bolt positions.

- Install the inspection opening on the control box side where maintenance and inspection of the control box are easy. Install the inspection opening also in the lower part of the unit.

■ Make sure the range of the unit's external static pressure is not exceeded.

(See the technical documentation for the range of the external static pressure setting.)

■ Open the installation hole. (Pre-set ceilings)

- Once the installation hole is opened in the ceiling where the unit is to be installed, pass refrigerant piping, drain piping, transmission wiring, and remote controller wiring (unnecessary if using a wireless remote controller) to the unit's piping and wiring holes. See "Refrigerant Piping Work", "Drain Piping Work", and "Wiring".
- After opening the ceiling hole, make sure ceiling is level if needed. It might be necessary to reinforce the ceiling frame to prevent shaking. Consult an architect or carpenter for details.

■ Install the suspension bolts.

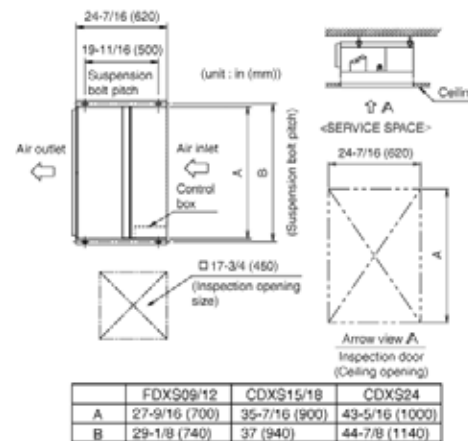
(Use W3/8 to M10 suspension bolts.)

- Use a hole-in-anchor, sunken insert, sunken anchor for existing ceilings, and a sunken insert, sunken anchor or other part to be procured in the field to reinforce the ceiling to bearing the weight of the unit. (Refer to Fig.)

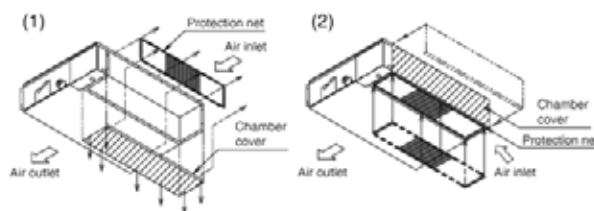
■ Mount chamber cover and air filter (accessory).

For bottom intake, replace the chamber cover and the protection net in the procedure listed in Fig.

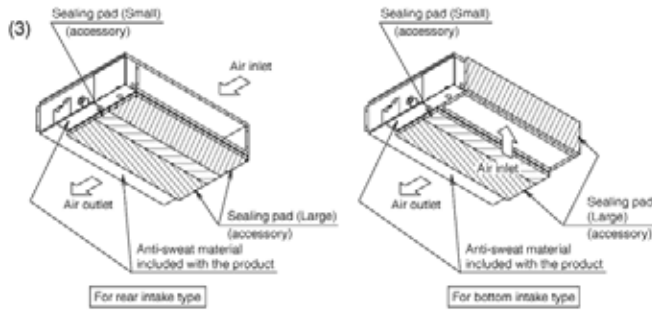
- (1) Remove the protection net. (6 locations)
Remove the chamber cover. (7 locations)
- (2) Reattach the removed chamber cover in the orientation shown in Fig. (7 locations)
Reattach the removed protection net in the orientation shown in Fig. (6 locations)
Refer to Fig. for the direction of the protection net.



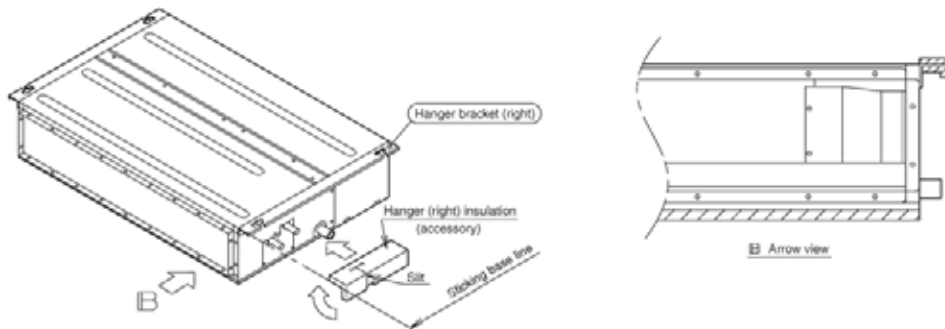
Note: All the above parts are field supplied.



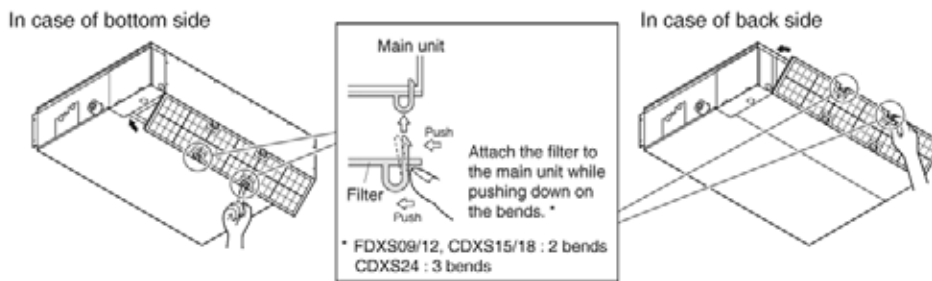
- (3) Attach sealing pad as shown in the right figure. (Stored in outlet vent) (only for CDXS)
 (In order to take in the air inside the ceiling, and when not taking in air from outdoor air, it is not necessary to stick.)
- Attach the sealing pad (accessory) to the plate metal sections which are not covered by anti-sweat material.
 - Make sure there are no gaps between the different pieces of sealing pad.



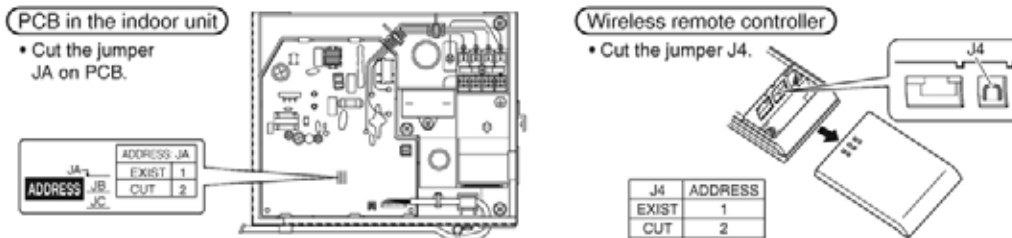
- (4) Attach the hanger (right) insulation to the right hanger. (Stored in outlet vent)
 (See the below figure for the sticking base line.)



- (5) Attach the air filter (accessory) in the manner shown in the diagram.



- When two indoor units are installed in one room, one of the two wireless remote controllers can be easily set for another addresses.



Indoor Unit Installation

<< As for the parts to be used for installation work, be sure to use the provided accessories and specified parts designated by our company. >>

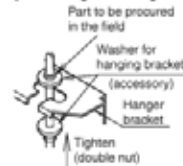
■ Install the indoor unit temporarily.

- Attach the hanger bracket to the suspension bolt. Be sure to fix it securely by using a nut and washer from the upper and lower sides of the hanger bracket. (Refer to Fig.)

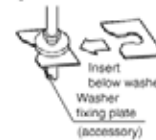
[PRECAUTION]

Since the unit uses a plastic drain pan, prevent welding spatter and other foreign substances from entering the outlet hole during installation.

[Securing the hanger bracket]

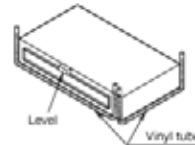


[How to secure washers]



■ Adjust the height of the unit.

■ Check the unit is horizontally level.



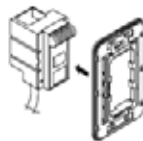
⚠ CAUTION

- Make sure the unit is installed level using a level or a plastic tube filled with water. In using a plastic tube instead of a level, adjust the top surface of the unit to the surface of the water at both ends of the plastic tube and adjust the unit horizontally. (One thing to watch out for in particular is if it is installed so that the slope is not in the direction of the drain piping, as this might cause leaking.)

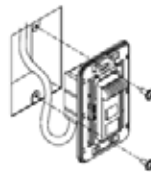
■ Tighten the upper nut.

■ Mounting the receiver.

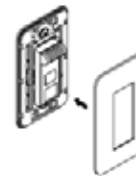
Mount the receiver as shown below.



① Press the receiver into the mounting frame.



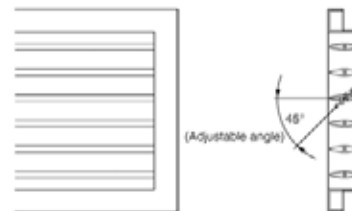
② Mount the completed assembly using two screws.



③ Press the decorative cover into the mounting frame.

Note) Mount the Remote controller cord far enough away from strong electrical wires (such as distribution wires for electrical lights, air conditioners, etc.) and from weak electrical wires (such as wires for telephones, interrooms, etc.).

For heat pump: If your feet feel cold when using the heating function, it is recommended that the air outlet grille shown at below be attached.



Outdoor unit Installation

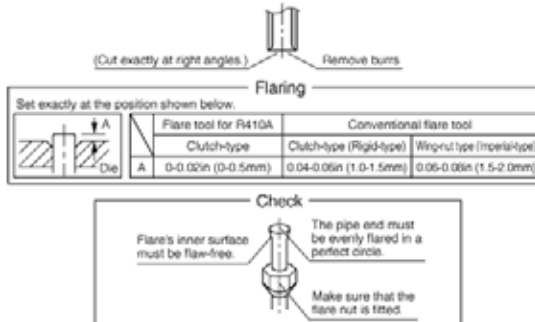
Install as described in the installation manual supplied with the outdoor unit.

Refrigerant Piping Work

See the installation manual supplied with the outdoor unit.

1. Flaring the pipe end

- 1) Cut the pipe end with a pipe cutter.
- 2) Remove burrs with the cut surface facing downward so that the chips do not enter the pipe.
- 3) Put the flare nut on the pipe.
- 4) Flare the pipe.
- 5) Check that the flaring is properly made.



⚠ WARNING

- Do not use mineral oil on flared part.
 - Prevent mineral oil from getting into the system as this would reduce the lifetime of the units.
 - Never use piping which has been used for previous installations. Only use parts which are delivered with the unit.
 - Never install a drier to this R410A unit in order to guarantee its lifetime.
 - The drying material may dissolve and damage the system.
- Incomplete flaring may cause refrigerant gas leakage.

2. Refrigerant piping

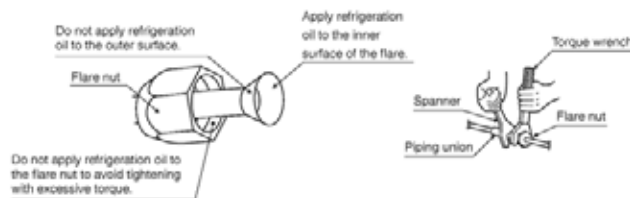
- 1) To prevent gas leakage, apply refrigeration machine oil to the inner surface of the flare. (Use refrigeration oil for R410A)
- 2) Align the centers of both flares and tighten the flare nuts 3 or 4 turns by hand. Then tighten them fully with the torque wrenches.
 - Use torque wrenches when tightening the flare nuts to prevent damage to the flare nuts and escaping gas.

Flare nut tightening torque			
Gas side		Liquid side	
3/8 inch (9.5mm)	1/2 inch (12.7mm)	5/8 inch (15.9mm)	1/4 inch (6.4mm)
24.1-29.4ft•lb (32.7-39.9N•m)	35.5-44.5ft•lb (49.5-60.3N•m)	45.6-55.6ft•lb (61.8-75.4N•m)	10.4-12.7ft•lb (14.2-17.2N•m)

⚠ CAUTION

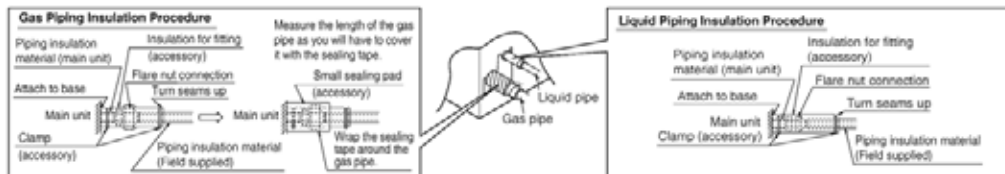
- Overtightening may damage the flare and cause leaks.

- 3) After the work is finished, make sure to check that there is no gas leak.



- 4) After checking for gas leaks, be sure to insulate the pipe connections.

- Insulate using the insulation for fitting included with the liquid and gas pipes. Besides, make sure the insulation for fitting on the liquid and gas piping has its seams facing up. (Tighten both edges with clamp.)
- For the gas piping, wrap the medium sealing pad over the insulation for fitting (flare nut part).



Refrigerant Piping Work

⚠ CAUTION

Be sure to insulate any field piping all the way to the piping connection inside the unit. Any exposed piping may cause condensation or burns if touched.

Cautions on Pipe Handling

- Protect the open end of the pipe against dust and moisture. (Tighten both edges with clamp.)
- All pipe bends should be as gentle as possible. Use a pipe bender for bending. (See the minimum bend radius in the table below.)



Selection of Copper and Heat Insulation materials

When using commercial copper pipes and fittings, observe the following:

- Insulation material: Polyethylene foam
Heat transfer rate: 0.041 to 0.052W/mK (0.024 to 0.030Btu/ft²h°F (0.035 to 0.045kcal/mh°C))
Be sure to use insulation that is designed for use with HVAC Systems.
- Be sure to insulate both the gas and liquid piping and to provide insulation dimensions as below.

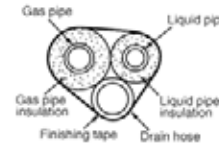
Gas side			Liquid side	Gas pipe thermal insulation			Liquid pipe thermal insulation
O.D. 3/8 inch (9.5mm)	O.D. 1/2 inch (12.7mm)	O.D. 5/8 inch (15.9mm)	O.D. 1/4 inch (6.4mm)	I.D. 15/32-19/32 inch (12-15mm)	I.D. 9/16-5/8 inch (14-16mm)	I.D. 5/8-25/32 inch (16-20mm)	I.D. 5/16-13/32 inch (8-10mm)
Minimum bend radius				Thickness 13/32 inch (10mm) Min.			
1-3/16 inch (30mm) or more	1-9/16 inch (40mm) or more	1-15/16 inch (50mm) or more	1-3/16 inch (30mm) or more				
Thickness 0.031 inch (0.8mm) (C1220T-O)		Thickness 0.039 inch (1.0mm) (C1220T-O)	Thickness 0.031 inch (0.8mm) (C1220T-O)				

Also, when subject to high humidity, heat insulation of the refrigerant piping (the unit piping and branch piping) must be further reinforced.

Reinforce the insulation when installing the unit near bathrooms, kitchens, and other similar locations.

Refer to the following:

- 86°F (30°C), more than 75% RH: 13/16 inch (20mm) Min. in thickness
- If the insulation is not sufficient, condensation may form on the surface of the insulation.
- Use separate thermal insulation pipes for gas and liquid refrigerant pipes.



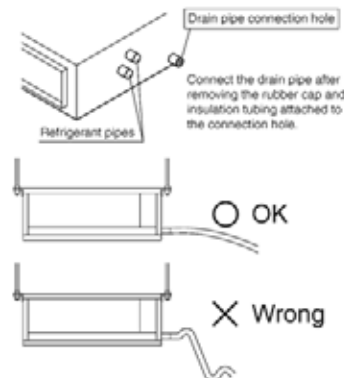
Drain Piping Work

⚠ CAUTION

Make sure all water is out before making the duct connection.

■ Install the drain piping.

- Make sure the drain works properly.
- The diameter of the drain pipe should be greater than or equal to the diameter of the connecting pipe (vinyl tube; pipe size: 25/32 inch (20mm); outer dimension: 1-1/32 inch (26mm)).
- Keep the drain pipe short and sloping downwards at a gradient of at least 1/100 to prevent air pockets from forming.

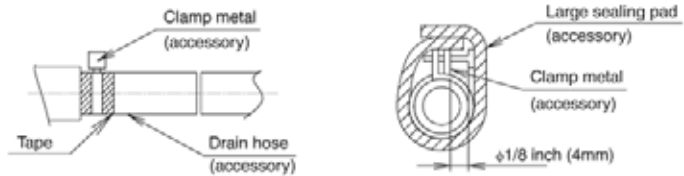


⚠ CAUTION

- Water accumulating in the drain piping can cause the drain to clog.

- To keep the drain tube from sagging, space hanging wires every 3 (1) to 5ft (1.5m).
- Use the drain hose and the metal clamp. Insert the drain hose fully into the drain socket and firmly tighten the metal clamp with the upper part of the tape on the hose end. Tighten the metal clamp until the screw head is less than 1/8 inch (4mm) from the hose.
- The two areas below should be insulated because condensation may form there causing water to leak.
 - Drain piping passing indoors
 - Drain sockets

Referring the figure below, insulate the metal clamp and drain hose using the included large sealing pad.



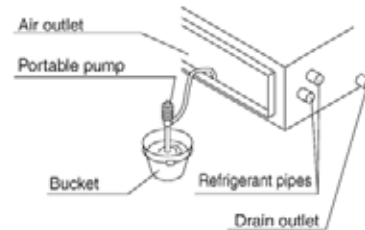
<PRECAUTIONS>

Drain piping connections

- Do not connect the drain piping directly to sewage pipes that smell of ammonia. The ammonia in the sewage might enter the indoor unit through the drain pipes and corrode the heat exchanger.
- Do not twist or bend the drain hose, so that excessive force is not applied to it. (This type of treatment may cause leaking.)

■ After piping work is finished, check drainage flows smoothly.

- Gradually insert approximately 1L of water into the drain pan to check drainage in the manner described below.
 - Gradually pour approximately 1L of water from the outlet hole into the drain pan to check drainage.
 - Check the drainage.



Installing the Duct

Connect the duct supplied in the field.

Air inlet side

- Attach the duct and intake-side flange (field supply).
- Connect the flange to the main unit with accessory screws (in 16, 20 or 24 positions).
- Wrap the intake-side flange and duct connection area with aluminum tape or something similar to prevent air escaping.

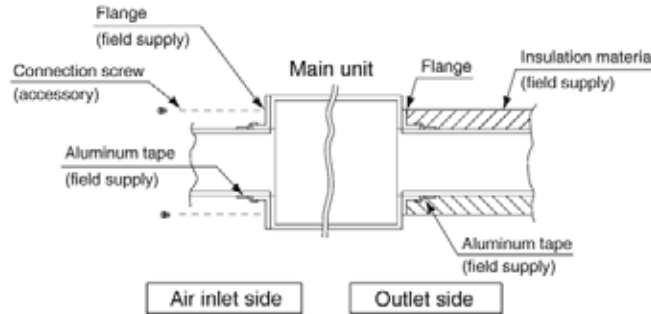
⚠ CAUTION

- When attaching a duct to the intake side, be sure also to attach an air filter inside the air passage on the intake side. (Use an air filter whose dust collecting efficiency is at least 50% in a gravimetric technique.)

Installing the Duct

Outlet side

- Connect the duct according to the inside of the outlet-side flange.
- Wrap the outlet-side flange and the duct connection area with aluminum tape or something similar to prevent air escaping.



⚠ CAUTION

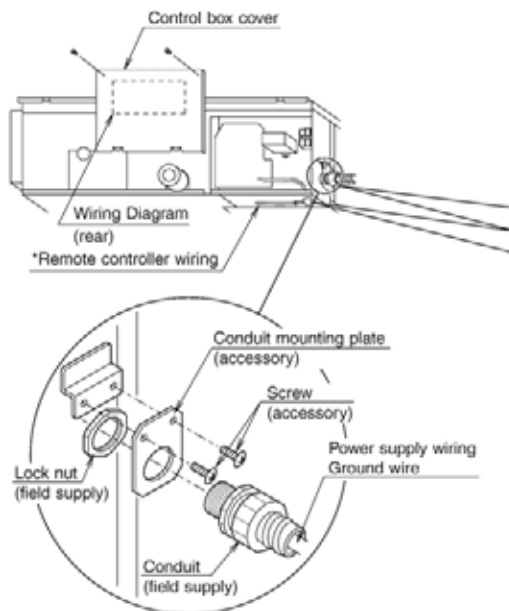
- Be sure to insulate the duct to prevent condensation from forming. (Material: glass wool or polyethylene foam, 1 inch (25mm) thick)
- Use electric insulation between the duct and the wall when using metal ducts to pass metal laths of the net or fence shape or metal plating into wooden buildings.

Wiring

See the installation manual supplied with the outdoor unit.

■ HOW TO CONNECT WIRINGS.

- Wire only after removing the control box cover as shown in the Fig.



⚠ Wrap the power supply wiring and the remote controller wiring with the sealing material as shown in the figure below.
 (Otherwise, moisture or small creatures such as insects from the outside may cause short-circuit inside the control box.)
 Attach securely so that there are no gaps.

[How to adhere it]

⚠ CAUTION

- When doing the wiring, make sure the wiring is neat and does not cause the control box cover to stick up, then close the cover firmly. When attaching the control box cover, make sure you do not pinch any wires.
- Outside the unit, separate the low voltage wiring (remote controller wiring) and high voltage wiring (ground wire and power supply wiring) at least 5in so that they do not pass through the same place together. Proximity may cause electrical interference, malfunctions, and breakage.

[PRECAUTION]

- See also the "Electrical Wiring Diagram Label" when wiring the unit for power supply.

[Connecting electrical wiring]

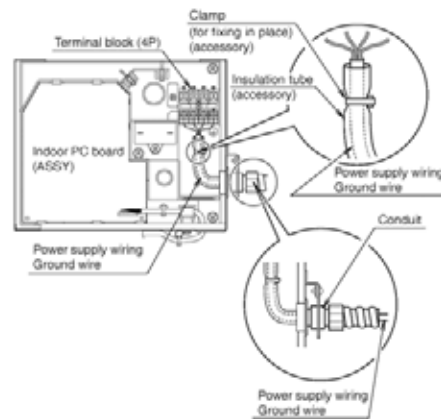
• Power supply wiring and ground wire

Remove the control box cover.

Next, pull the wires into the unit through the conduit and thread them through the insulation tube (accessory), then connect to the power wiring terminal block (4P).

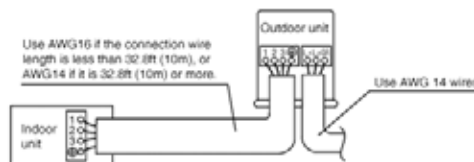
Secure the wires covered by the insulation tube with the clamp (accessory).

Be sure to put the part of the sheathed vinyl into the control box.



⚠ WARNING

- Do not use tapped wires, stranded wires, extension cords, or starburst connections, as they may cause overheating, electrical shock, or fire.



Trial Operation and Testing

1. Trial operation and testing

- (1) Measure the supply voltage and make sure that it falls in the specified range.
- (2) Trial operation should be carried out in either cooling or heating mode.

Trial operation from remote controller
(1) Press ON/OFF button to turn on the system. (2) Simultaneously press center of TEMP button and MODE button. (3) Press MODE button twice. ("T" will appear on the display to indicate that Trial Operation mode is selected.) (4) Trial operation mode terminates in approx. 30 minutes and switches into normal mode. To quit the trial operation, press ON/OFF button.

In cooling mode, select the lowest programmable temperature; in heating mode, select the highest programmable temperature.

- Trial operation may be disabled in either mode depending on the room temperature.
- After trial operation is complete, set the temperature to a normal level (79°F (26°C) to 82°F (28°C) in cooling mode, 68°F (20°C) to 75°F (24°C) in heating mode).
- For protection, the system disables restart operation for 3 minutes after it is turned off.

- (3) Carry out the test operation in accordance with the Operation Manual to ensure that all functions and parts, are working properly.
 - * The air conditioner requires a small amount of power in its standby mode. If the system is not to be used for some time after installation, shut off the circuit breaker to eliminate unnecessary power consumption.
 - * If the circuit breaker trips to shut off the power to the air conditioner, the system will restore the original operation mode when the circuit breaker is turned on again.

2. Test items

Test items	Symptom (diagnostic display on RC)	Check
Indoor and outdoor units are installed properly on solid bases.	Fall, vibration, noise	
No refrigerant gas leaks.	Incomplete cooling/heating function	
Refrigerant gas and liquid pipes and indoor drain hose extension are thermally insulated.	Water leakage	
Drain pipe is properly installed.	Water leakage	
System is properly grounded.	Electrical leakage	
The specified wires are used for interconnecting wire connections.	Inoperative or burn damage	
Indoor or outdoor unit's air inlet or discharge has clear path of air. Shut-off valves are opened.	Incomplete cooling/heating function	
Indoor unit properly receives remote controller commands.	Inoperative	

1.5 FVXS09/12/18NVJU

Accessories

(A) Mounting plate	1	(B) Titanium apatite photocatalytic air-purifying filter	2	(C) Drain hose	1
(D) Insulation tape	2	(E) Wireless remote controller	1	(F) Remote controller holder	1
(G) Fixing screw for remote controller holder 1/8" x 13/16" (M3 x 20mm)	2	(H) Dry battery AAA, LR03 (alkaline)	2	(J) Operation manual	1
(K) Installation manual	1				

Choosing an Installation Site

- Before choosing the installation site, obtain user approval.

1. Indoor unit

The indoor unit should be positioned in a place where:

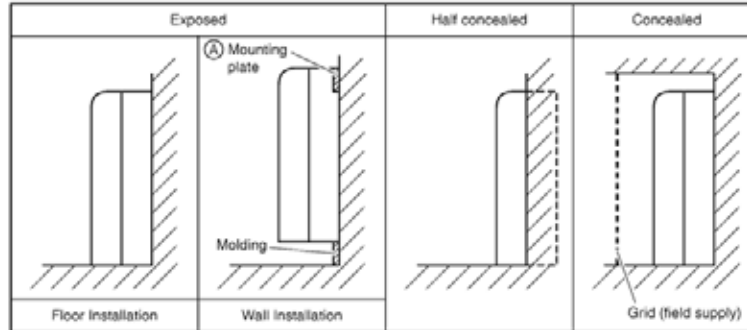
- 1) the restrictions on installation requirements specified in "Indoor Unit Installation Drawings" on page 4 are met,
- 2) both the air inlet and air outlet are unobstructed,
- 3) the unit is not exposed to direct sunlight,
- 4) the unit is away from the source of heat or steam,
- 5) there is no source of machine oil vapour (this may shorten the indoor unit service life),
- 6) cool/warm air is circulated throughout the room,
- 7) the unit is away from electronic ignition type fluorescent lamps (inverter or rapid start type) as they may affect the remote controller range,
- 8) the unit is at least 3.3ft (1m) away from any television or radio set (the unit may cause interference with the picture or sound),
- 9) no laundry equipment is nearby.

2. Wireless remote controller

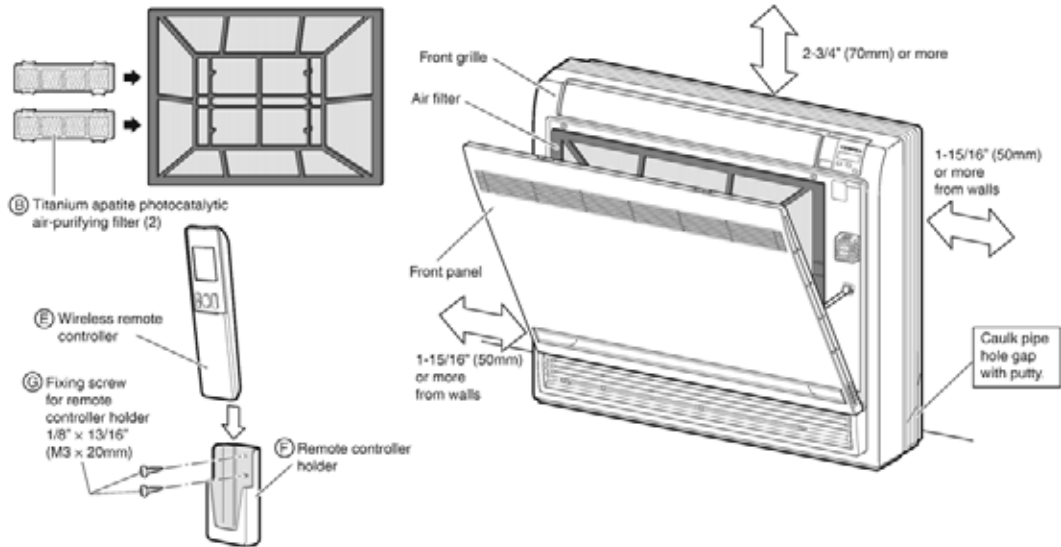
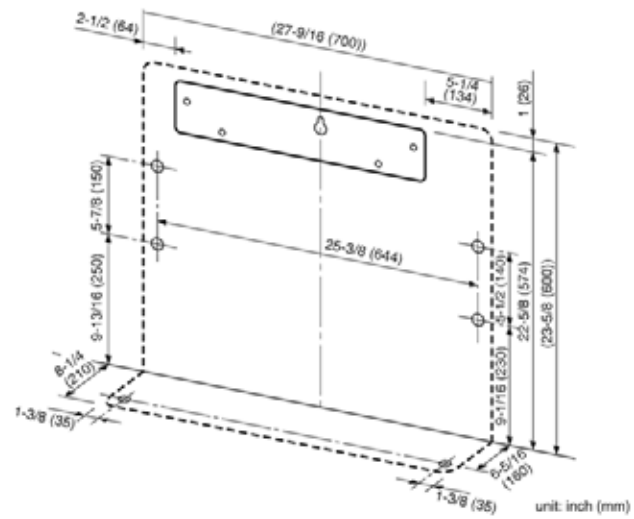
Turn on all the fluorescent lamps in the room, if any, and find a location where remote controller signals are properly received by the indoor unit (within 23ft (7m)).

Indoor Unit Installation Drawings

- The indoor unit may be mounted in any of the three styles shown here.




- Location for securing the installation panel.

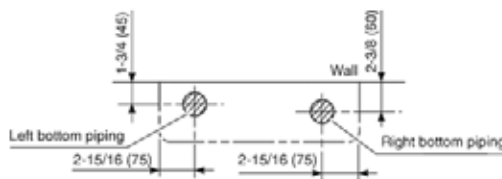


Indoor Unit Installation

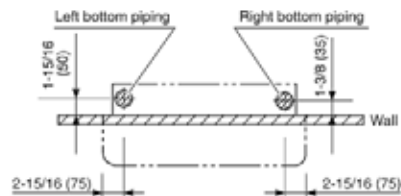
1. Refrigerant piping

- 1) Drill a hole ($\phi 2-9/16$ inch (65mm) in diameter) in the spot indicated by the  symbol in the illustration as below.
- 2) The location of the hole is different depending on which side of the pipe is taken out.
- 3) For piping, see "6. Connecting the refrigerant pipe" on page12.
- 4) Allow space around the pipe for a easier indoor unit pipe connection.

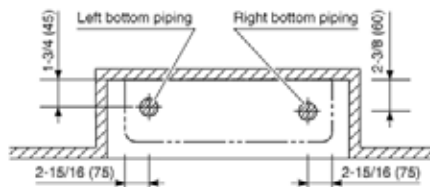
<Bottom piping>



Exposed installation



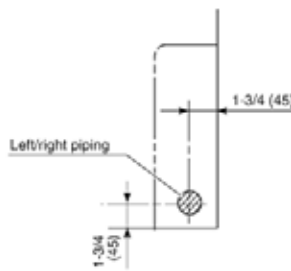
Half concealed installation



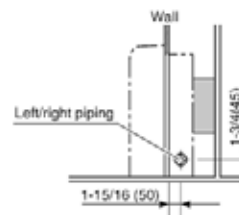
Concealed installation

unit: inch (mm)

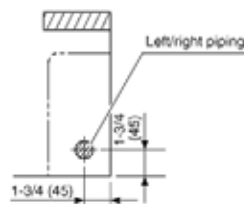
<Left/Right -side piping>



Exposed installation



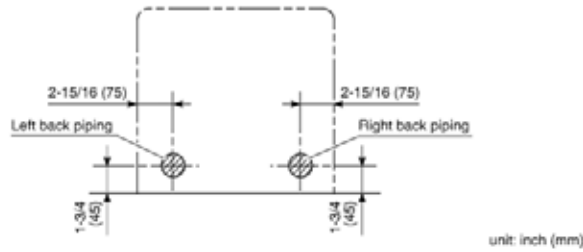
Half concealed installation



Concealed installation

unit: inch (mm)

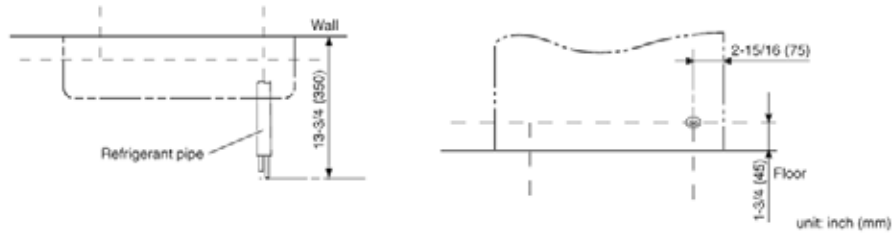
<Back piping>



CAUTION

Minimum allowable length

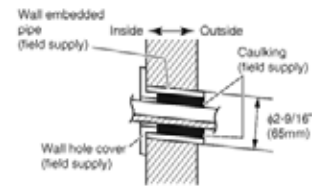
- The suggested shortest pipe length is 8.2ft (2.5m), in order to avoid noise from the outdoor unit and vibration. (Mechanical noise and vibration may occur depending on how the unit is installed and the environment in which it is used.)
- See the installation manual for the outdoor unit for the maximum pipe length.
- For multi-connections, see the installation manual for the multi-outdoor unit.



Indoor Unit Installation

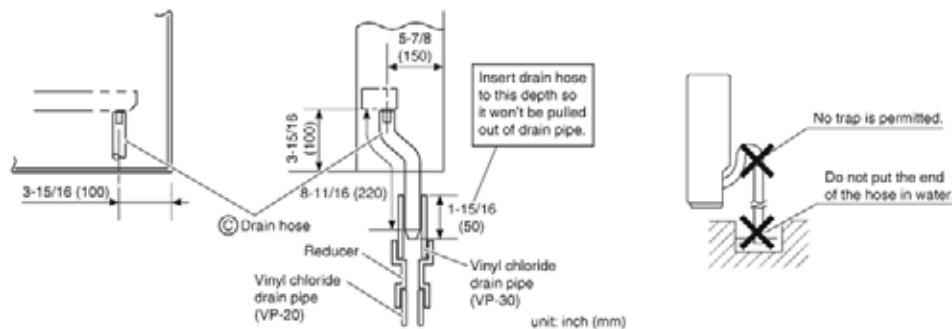
2. Drilling a wall hole and installing wall embedded pipe

- For metal frame or metal board walls, be sure to use a wall embedded pipe and wall hole cover in the feed-through hole to prevent possible heat, electrical shock, or fire.
- Be sure to caulk the gaps around the pipes with caulking material to prevent water leakage.
 - 1) Drill a feed-through hole with a $\phi 2-9/16$ inch (65mm) diameter through the wall at a downward angle toward the outside.
 - 2) Insert a wall embedded pipe into the hole.
 - 3) Insert a wall hole cover into wall pipe.
 - 4) After completing refrigerant piping, wiring, and drain piping, caulk the pipe hole gap with putty.



3. Drain piping

- 1) Use commercial rigid polyvinyl chloride pipe (general VP 20 pipe, outer diameter 1 inch (26mm), inner diameter 13/16 inch (20mm)) for the drain pipe.
- 2) The drain hose (outer diameter $\phi 11/16$ inch ($\phi 18$ mm) at connecting end, 8-11/16 inch (220mm) long) is supplied with the indoor unit. Prepare the drain pipe picture below position.
- 3) The drain pipe should be **inclined downward** so that water will flow smoothly without any accumulation. (Should not be trap.)
- 4) Insert the drain hose to this depth so it won't be pulled out of the drain pipe.
- 5) **Insulate the indoor drain pipe with 3/8 inch (10mm) or more of insulation material to prevent condensation.**
- 6) Remove the air filters and pour some water into the drain pan to check the water flows smoothly.



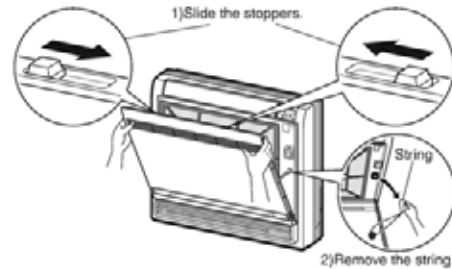
CAUTION

Use polyvinyl chloride adhesive agent for gluing. Failure to do so may cause water leakage.

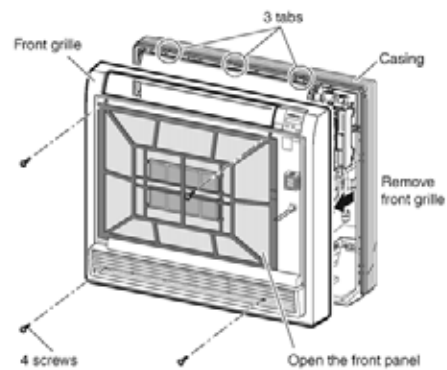
4. Installing indoor unit

4-1. Preparation

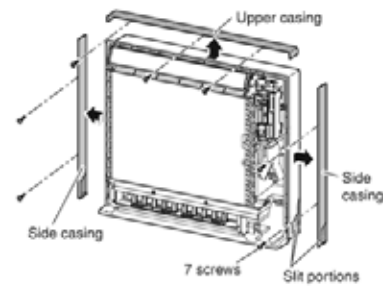
- Remove the front panel.
 - Slide until the 2 stoppers click inside.
 - Open the front panel forward and remove the string.
 - Remove the front panel.



- Remove the front grille.
 - Remove the 4 screws.
 - Pull the front grille and remove the 3 tabs.

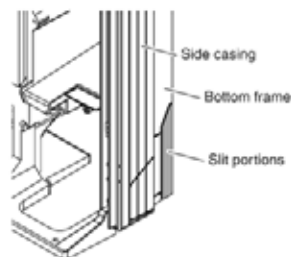


- Remove the upper and the side casings.
 - Remove the 7 screws.
 - Slide and remove the upper casing (2 tabs).
 - Slide and remove the left and right casings (2 tabs on each side).

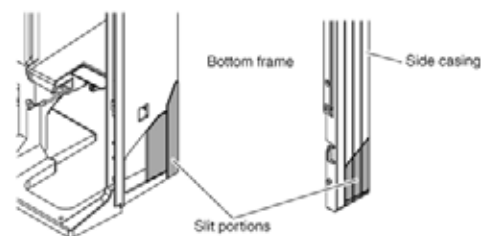


- During installation, if needed, cut the slit portions using nippers as show in the illustration below.

<For moldings>



<For side piping>



Indoor Unit Installation

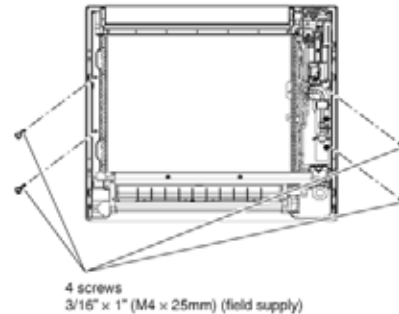
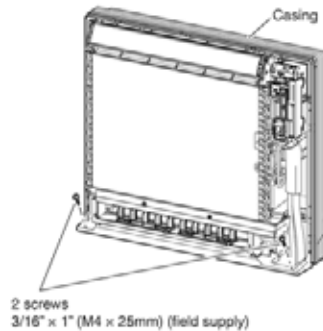
4-2. Installation

Exposed installation

1) Secure the indoor unit

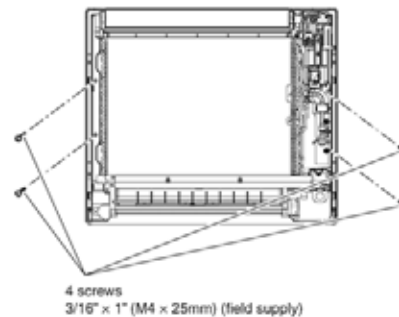
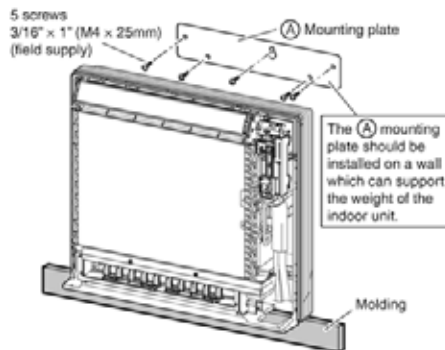
<Floor Installation>

- Secure the indoor unit using 6 screws. (2 screws for floor and 4 screws for rear wall)

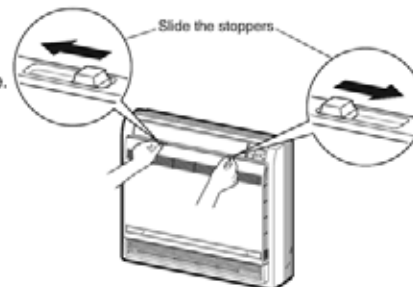


<Wall Installation>

- Secure the (A) mounting plate using 5 screws.
- Secure the indoor unit using 4 screws for rear wall.



- Once refrigerant piping and drain piping connections are complete, fill in the gap of the through hole with putty. **A gap can lead to condensation on the refrigerant pipe, and drain pipe, and the entry of insects into the pipes.**
- Attach and screws the each side casings and upper casing in their original position using 7 screws.
- Attach the front grill in their original position using 4 screws.
- Attach the front panel in their original position.
 - Attach the string to the right, inner-side of the front grille.
 - Close the front panel and slide until the stoppers click outside.

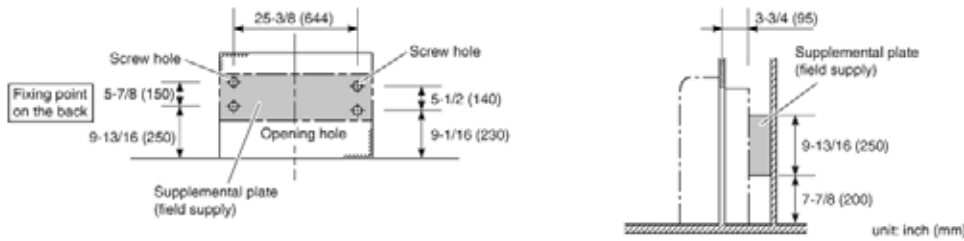


Half concealed installation

1) The size of a wall opening space shown in the illustration on the right.



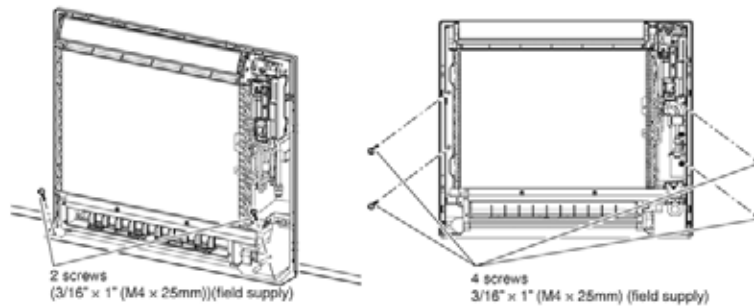
2) The rear of the unit can be fixed with screws at the points shown in the illustration as below. Be sure to install the supplemental plate in accordance with the depth of the inner wall.



CAUTION

The supplemental plate for installing the main unit must be used, or there will be a gap between the unit and the wall.

3) Secure the indoor unit using 6 screws. (2 screws for floor and 4 screws for rear wall)

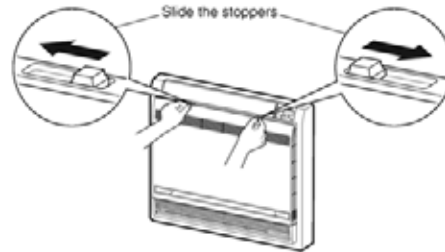


4) Once refrigerant piping and drain piping connections are complete, fill in the gap of the through hole with putty. **A gap can lead to condensation on the refrigerant pipe, and drain pipe, and the entry of insects into the pipes.**

5) Attach the front grill in their original position using 4 screws.

6) Attach the front panel in their original position.

- Attach the string to the hook.
- Close the front panel and slide until the stoppers click outside.



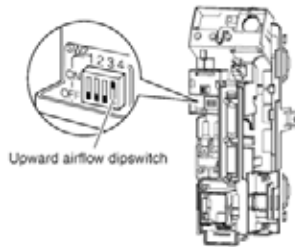
CAUTION

- Use drain pan edge for horizontal projection of the indoor unit.
- Install the indoor unit flush against wall.

Indoor Unit Installation

Concealed installation

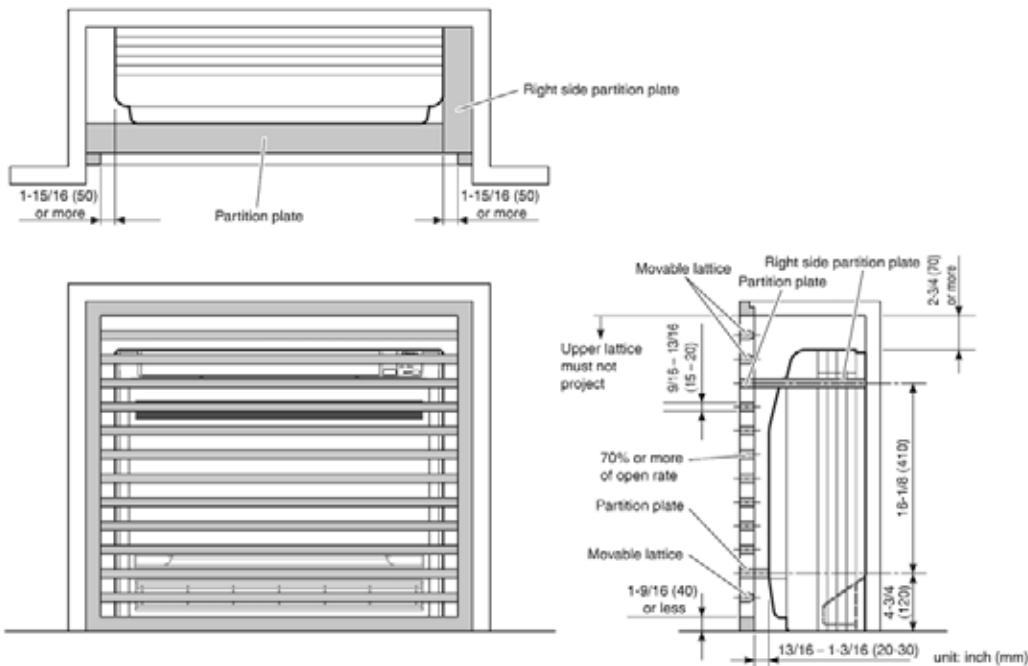
- Install the unit according to the instructions below. Failure to do so may cause lead to both cooling and heating failure and the condensation inside the house.
 - 1) Allow enough space between the main unit and ceiling not to obstruct the flow of cool/warm air.
 - 2) Place a partition plate between outlet and inlet sections.
 - 3) Place a partition plate on the right side.
 - 4) Change the upward airflow dipswitch (SW2-4) to ON to limit the upward airflow. (Factory default: OFF)
 - Remove the front grille.
 - Switch the dipswitch (SW2-4) on the PCB in the electrical equipment box to ON.



CAUTION

Be sure to turn on the upward airflow switch. Failure to do so may cause incomplete cooling/heating and formation of condensation inside the house.

- 5) Use a movable lattice at the air outlet to allow the adjustment of cool/warm airflow direction.
- 6) Lattice size should be 70% or more of open rate.



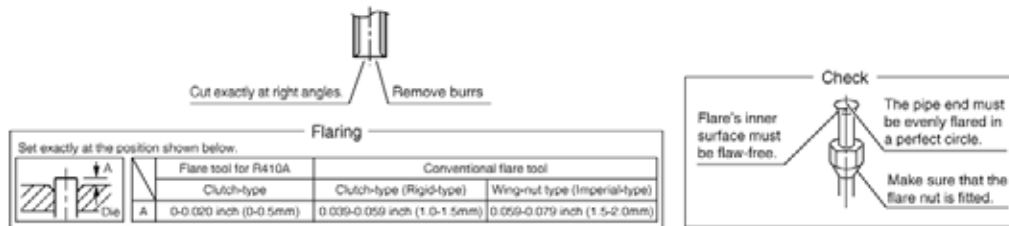
- For the installation process refer to "Exposed installation" on page 9.

5. Flaring the pipe end

- 1) Cut the pipe end with a pipe cutter.
- 2) Remove burrs with the cut surface facing downward so that the chips do not enter the pipe.
- 3) Put the flare nut on the pipe.
- 4) Flare the pipe.
- 5) Check that the flaring is properly made.

⚠ WARNING

- Do not use mineral oil on flared part.
- Prevent mineral oil from getting into the system as this would reduce the lifetime of the units.
- Never use piping which has been used for previous installations. Only use parts which are delivered with the unit.
- Never install a drier to this R410A unit in order to guarantee its lifetime.
- The drying material may dissolve and damage the system.
- Incomplete flaring may cause refrigerant gas leakage.

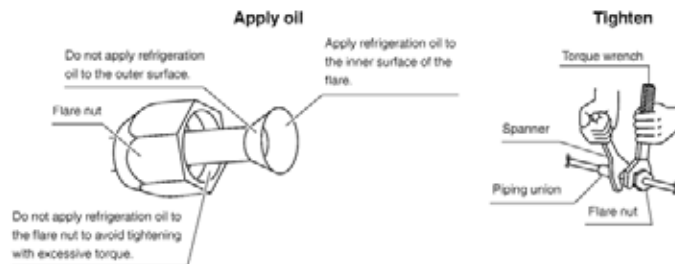


6. Connecting the refrigerant pipe

⚠ CAUTION

- Use the flare nut fixed to the main unit. (This is to prevent cracking of the flare nut as a result of deterioration over time.)
- To prevent gas leakage, apply refrigeration oil only to the inner surface of the flare. (Use refrigeration oil for R410A.)
- Use a torque wrench when tightening the flare nuts to prevent damage to the flare nuts and gas leakage.

- Align the center of both flares and tighten the flare nuts 3 or 4 turns by hand. Then tighten them fully with a spanner and a torque wrench.

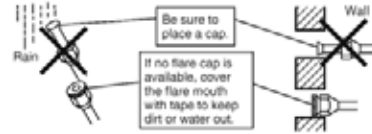


	Piping size	Flare nut tightening torque
Gas side	3/8 inch (9.5mm)	24.1-29.4ft • lbf (32.7-39.9N • m)
	1/2 inch (12.7mm)	36.5-44.5ft • lbf (49.5-60.3N • m)
Liquid side	1/4 inch (6.4mm)	10.5-12.7ft • lbf (14.2-17.2 N • m)

Indoor Unit Installation

6-1. Caution on piping handling

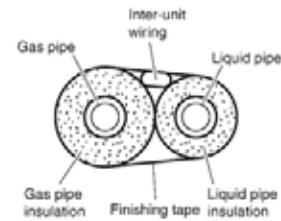
- 1) Protect the open end of the pipe against dust and moisture.
- 2) All pipe bends should be as gentle as possible. Use a pipe bender for bending.



6-2. Selection of copper and heat insulation materials

When using commercial copper pipes and fittings, observe the following:

- Insulation material: Polyethylene foam
Heat transfer rate: 0.041 to 0.052W/mK (0.024 to 0.030Btu/ft²h°F (0.035 to 0.045kcal/mh°C))
Be sure to use insulation that is designed for use with HVAC Systems.
- ACR Copper only.



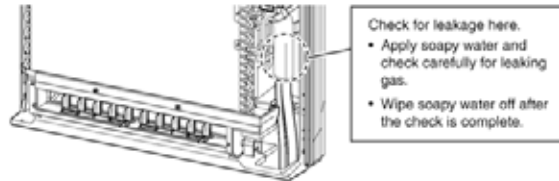
- Be sure to insulate both the gas and liquid piping and observe the insulation dimensions as below.

	Piping size	Minimum bend radius	Piping thickness	Thermal insulation size	Thermal insulation thickness
Gas side	O.D. 3/8 inch (9.5mm)	1-3/16 inch (30mm) or more	0.031 inch (0.8mm) (C1220T-O)	I.D. 15/32-19/32 inch (12-15mm)	13/32 inch (10mm) Min.
	O.D. 1/2 inch (12.7mm)	1-9/16 inch (40mm) or more		I.D. 9/16-5/8 inch (14-16mm)	
Liquid side	O.D. 1/4 inch (6.4mm)	1-3/16 inch (30mm) or more	I.D. 5/16-13/32 inch (8-10mm)		

- Use separate thermal insulation pipes for gas and liquid refrigerant pipes.

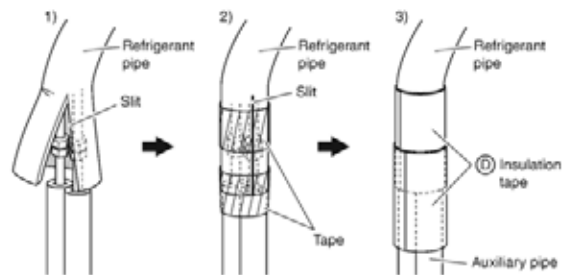
7. Checking for gas leakage

- 1) Check for leakage of gas after air purging.
- 2) See the sections on air purges and gas leak checks in the installation manual for the outdoor unit.



8. Attaching the connection pipe

- Attach the pipe after checking for gas leakage, described above.
- 1) Cut the insulated portion of the on-site piping, matching it up with the connecting portion.
 - 2) Secure the slit on the refrigerant piping side with the butt joint on the auxiliary piping using the tape, making sure there are no gaps.
 - 3) Wrap the slit and the butt joint with the ① insulation tape, making sure there are no gaps.

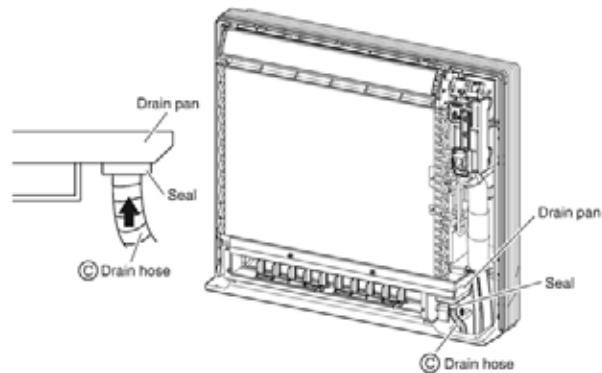


⚠ CAUTION

- Insulate the joint of the pipes securely. Incomplete insulation may lead to water leakage.
- Push the pipe inside so it does not place undue force on the front grille.

9. Connecting the drain hose

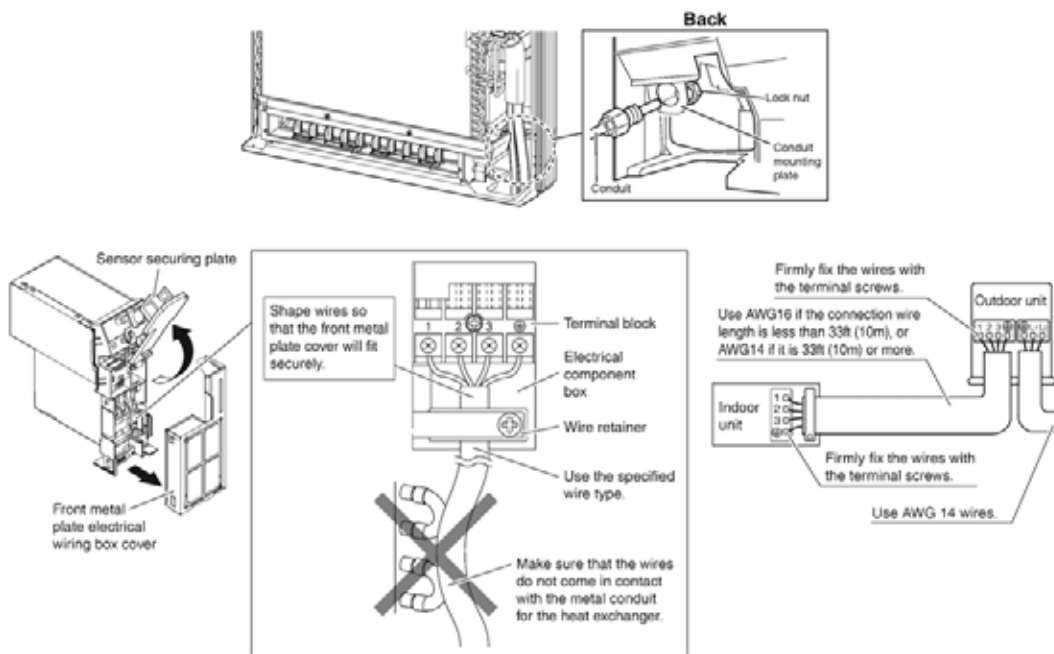
- Insert the ② drain hose into the socket of the drain pan. Fully insert the drain hose until it adheres to a seal of the socket.



Indoor Unit Installation

10. Wiring

- Live the sensor securing plate, remove the front metal plate cover, and connect the branch wiring to the terminal block.
 - 1) As shown in the illustration, insert the wires including the ground wire into the conduit and secure them with lock nut onto the conduit mounting plate.
 - 2) Strip wire ends (3/4 inch (20mm)).
 - 3) Match wire colours with terminal numbers on indoor and outdoor unit's terminal blocks and firmly secure the wires in the corresponding terminals with the screws.
 - 4) Connect the ground wires to the corresponding terminals.
 - 5) Pull the wires lightly to make sure they are securely connected.
 - 6) Make sure that the wires do not come in contact with the metal conduit for the heat exchanger.
 - 7) In case of connecting to an adapter system. Run the remote controller cable and attach the S21. (Refer to "11. When connecting to an HA system" on page 16.)



⚠ WARNING

- Do not use tapped wires, stranded wires, extension cords, or starburst connections, as they may cause overheating, electrical shock, or fire.
- Do not use locally purchased electrical parts inside the product. (Do not branch the power for the drain pump, etc., from the terminal block.) Doing so may cause electric shock or fire.
- Do not connect the power wire to the indoor unit. Doing so may cause electric shock or fire.

11. When connecting to an HA system

- 1) Remove the front panel and the front grille. (Refer to "4-1. Preparation" on page 8.)
- 2) Open up the sensor securing plate. (See Fig. 1)
- 3) Remove the front metal plate electrical wiring box cover (4 tabs). (See Fig. 1)
- 4) Remove connectors ① ② ③. (See Fig. 2 and Fig. 3)
- 5) After removing the ground wires (2 screws), remove the electrical wiring box (1 screw). (See Fig. 4)
- 6) Remove the thermistor. (See Fig. 5)
- 7) Remove the side metal plate electrical wiring box cover (7 tabs). (See Fig. 1)
- 8) Cut off the pins using a nipper. (See Fig. 1)
- 9) Wire and connect the HA connection cord to the S21 connector. (See Fig. 1)
- 10) Install the side metal plate electrical wiring box cover while being careful not to pinch the HA connection cord or ground wires (7 tabs).
- 11) Attach the thermistor.
- 12) Install the ground wires (2 screws) and the electrical wiring box (1 screw).
- 13) Install the connectors ① ② and guide the cord as shown in the figure. (See Fig. 2)
- 14) Install connector ③ and guide the cord as shown in the figure. (See Fig. 3)
- 15) Attach the front metal plate electrical wiring box cover (4 tabs), and close the sensor securing plate.
- 16) Attach the front panel and the front grille as they were.

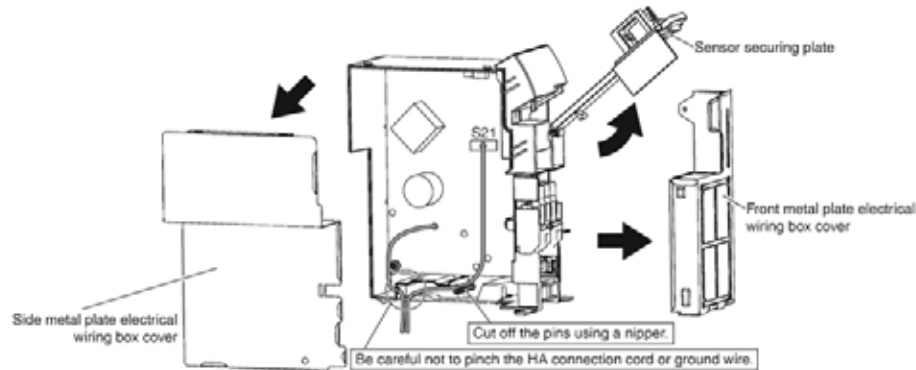


Fig. 1

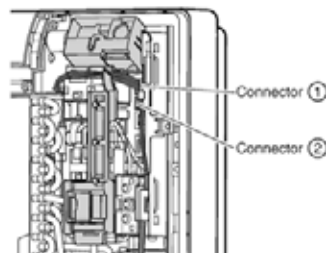


Fig. 2

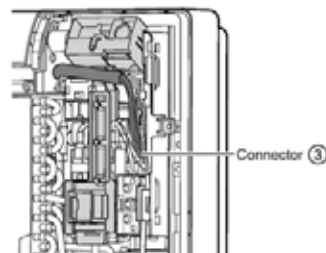


Fig. 3

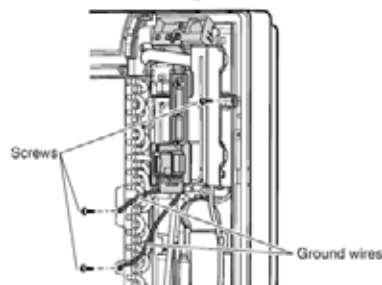


Fig. 4

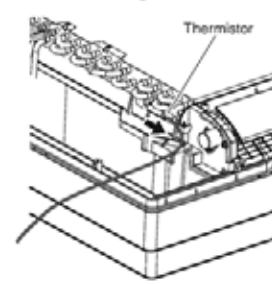
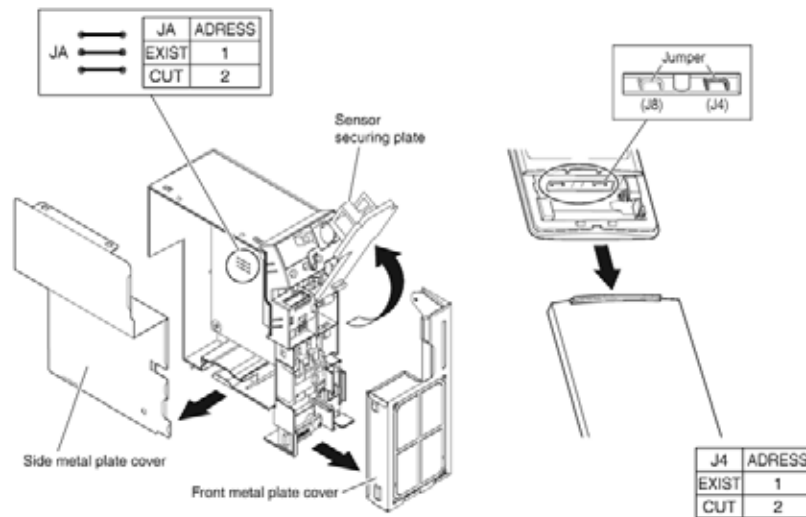


Fig. 5

Indoor Unit Installation







12. How to set the different addresses

- When 2 indoor units are installed in one room, the 2 wireless remote controllers can be set for different addresses. Change the address setting of one of the two units.
When cutting the jumper be careful not to damage any of the surrounding parts.
- 1) Remove the electrical wiring box. (Refer to "11. When connecting to an HA system" on page 16 steps 1)-7.)
 - 2) Cut the address jumper (JA) on the printed circuit board.
 - 3) Cut the address jumper (J4) in the remote controller.
 - 4) Attach the electrical wiring box as they were. (Refer to "11. When connecting to an HA system" on page 16 steps 10)-15.)
 - 5) Attach the front panel and the front grille as they were.




Trial Operation and Testing

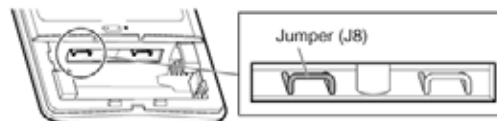
1. Trial operation and testing

- Trial operation should be carried out in either COOL or HEAT operation.
- 1-1. Measure the supply voltage and make sure that it is within the specified range.**
- 1-2. In COOL operation, select the lowest programmable temperature; in HEAT operation, select the highest programmable temperature.**
- 1-3. Carry out the trial operation in accordance with the operation manual to ensure that all functions and parts, such as flap movement, are working properly.**
 - For protection, the system disables restart operation for 3 minutes after it is turned off.
- 1-4. After trial operation is complete, set the temperature to a normal level (78°F to 82°F (26°C to 28°C) in COOL operation, 68°F to 75°F (20°C to 24°C) in HEAT operation).**
 - When operating the air conditioner in COOL operation in winter, or HEAT operation in summer, set it to the trial operation mode using the following method.
 - 1) Press  to turn on the system.
 - 2) Press both of  and  at the same time.
 - 3) Press , then select "T", and press  for confirmation.
 - Trial operation will stop automatically after about 30 minutes.
 - To stop the operation, press .
 - Some of the functions cannot be used in the trial operation mode.
 - The air conditioner draws a small amount of power in its standby mode. If the system is not to be used for some time after installation, shut off the circuit breaker to eliminate unnecessary power consumption.
 - If the circuit breaker trips to shut off the power to the air conditioner, the system will restore the original operation mode when the circuit breaker is opened again.

2. Test items

Test Items	Symptom	Check
Indoor and outdoor units are installed properly on solid bases.	Fall, vibration, noise	
No refrigerant gas leaks.	Incomplete cooling/heating function	
Refrigerant gas and liquid pipes and indoor drain hose extension are thermally insulated.	Water leakage	
Draining line is properly installed.	Water leakage	
System is properly grounded.	Electrical leakage	
The specified wires are used for inter-unit wiring connections.	No operation or burn damage	
Indoor or outdoor unit's air inlet or air outlet are unobstructed.	Incomplete cooling/heating function	
Stop valves are opened.	Incomplete cooling/heating function	
Indoor unit properly receives remote control commands.	No operation	
 will be displayed when the MODE button is pressed.*	No heating	

*Check that the jumper (J8) has not been cut. If it has been cut, contact the service shop.



2. FFQ Series

2.1 FFQ09/12/15/18LVJU

CONTENTS

1. SAFETY CONSIDERATIONS	1
2. BEFORE INSTALLATION.....	4
3. SELECTING INSTALLATION SITE.....	6
4. PREPARATIONS BEFORE INSTALLATION	8
5. INDOOR UNIT INSTALLATION.....	9
6. REFRIGERANT PIPING WORK.....	10
7. DRAIN PIPING WORK.....	12
8. WIRING EXAMPLE.....	15
9. ELECTRIC WIRING WORK	17
10. INSTALLATION OF THE DECORATION PANEL	21
11. FIELD SETTINGS.....	21
12. TEST RUN	22

1. SAFETY CONSIDERATIONS

Read these **SAFETY CONSIDERATIONS** carefully before installing air conditioning equipment. After completing the installation, make sure that the unit operates properly during the startup operation. Instruct the customer on how to operate and maintain the unit. Inform customers that they should store this Installation Manual with the Operation Manual for future reference.

Always use a licensed installer or contractor to install this product. Improper installation can result in water or refrigerant leakage, electrical shock, fire, or explosion.

Meanings of **DANGER, WARNING, CAUTION, and NOTE** Symbols:

⚠ DANGER Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

⚠ WARNING Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

⚠ NOTE Indicates situations that may result in equipment or property-damage accidents only.

⚠ DANGER

- Refrigerant gas is heavier than air and replaces oxygen. A massive leak can lead to oxygen depletion, especially in basements, and an asphyxiation hazard could occur leading to serious injury or death.
 - Do not ground units to water pipes, gas pipes, telephone wires, or lightning rods as incomplete grounding can cause a severe shock hazard resulting in severe injury or death. Additionally, grounding to gas pipes could cause a gas leak and potential explosion causing severe injury or death.
 - If refrigerant gas leaks during installation, ventilate the area immediately. Refrigerant gas may produce toxic gas if it comes in contact with fire. Exposure to this gas could cause severe injury or death.
-

- After completing the installation work, check that the refrigerant gas does not leak throughout the system.
- Do not install unit in an area where flammable materials are present due to risk of explosions that can cause serious injury or death.
- Safely dispose all packing and transportation materials in accordance with federal/state/local laws or ordinances. Packing materials such as nails and other metal or wood parts, including plastic packing materials used for transportation may cause injuries or death by suffocation.

⚠ WARNING

- Only qualified personnel must carry out the installation work. Installation must be done in accordance with this installation manual. Improper installation may result in water leakage, electric shock, or fire.
 - When installing the unit in a small room, take measures to keep the refrigerant concentration from exceeding allowable safety limits. Excessive refrigerant leaks, in the event of an accident in a closed ambient space, can lead to oxygen deficiency.
 - Use only specified accessories and parts for installation work. Failure to use specified parts may result in water leakage, electric shocks, fire, or the unit falling.
 - Install the air conditioner on a foundation strong enough that it can withstand the weight of the unit. A foundation of insufficient strength may result in the unit falling and causing injuries.
 - Take into account strong winds, typhoons, or earthquakes when installing. Improper installation may result in the unit falling and causing accidents.
 - Make sure that a separate power supply circuit is provided for this unit and that all electrical work is carried out by qualified personnel according to local, state and national regulations. An insufficient power supply capacity or improper electrical construction may lead to electric shocks or fire.
 - Make sure that all wiring is secured, that specified wires are used, and that no external forces act on the terminal connections or wires. Improper connections or installation may result in fire.
 - When wiring, position the wires so that the control box cover can be securely fastened. Improper positioning of the control box cover may result in electric shocks, fire, or the terminals overheating.
 - Before touching electrical parts, turn off the unit.
 - Be sure to install a ground fault circuit interrupter if one is not already available. This helps prevent electrical shocks or fire.
 - Securely fasten the outside unit terminal cover (panel). If the terminal cover/panel is not installed properly, dust or water may enter the outside unit causing fire or electric shock.
 - When installing or relocating the system, keep the refrigerant circuit free from substances other than the specified refrigerant (R410A) such as air. Any presence of air or other foreign substance in the refrigerant circuit can cause an abnormal pressure rise or rupture, resulting in injury.
 - Do not change the setting of the protection devices. If the pressure switch, thermal switch, or other protection device is shorted and operated forcibly, or parts other than those specified by Daikin are used, fire or explosion may occur.
-

⚠ CAUTION

- Do not touch the switch with wet fingers. Touching a switch with wet fingers can cause electric shock.
 - Do not allow children to play on or around the unit to prevent injury.
 - Do not touch the refrigerant pipes during and immediately after operation as the refrigerant pipes may be hot or cold, depending on the condition of the refrigerant flowing through the refrigerant piping, compressor, and other refrigerant cycle parts. Your hands may suffer burns or frostbite if you touch the refrigerant pipes. To avoid injury, give the pipes time to return to normal temperature or, if you must touch them, be sure to wear proper gloves.
 - Heat exchanger fins are sharp enough to cut.
To avoid injury wear glove or cover the fins when working around them.
 - Install drain piping to proper drainage. Improper drain piping may result in water leakage and property damage.
 - Insulate piping to prevent condensation.
 - Be careful when transporting the product.
 - Do not turn off the power supply immediately after stopping operation. Always wait for at least 5 minutes before turning off the power supply. Otherwise, water leakage may occur.
 - Do not use a charging cylinder. Using a charging cylinder may cause the refrigerant to deteriorate.
 - Refrigerant R410A in the system must be kept clean, dry, and tight.
 - (a) Clean and Dry -- Foreign materials (including mineral oils such as SUNISO oil or moisture) should be prevented from getting into the system.
 - (b) Tight -- R410A does not contain any chlorine, does not destroy the ozone layer, and does not reduce the earth's protection against harmful ultraviolet radiation. R410A can contribute to the greenhouse effect if it is released. Therefore take proper measures to check for the tightness of the refrigerant piping installation. Read the chapter Refrigerant Piping and follow the procedures.
 - Since R410A is a blend, the required additional refrigerant must be charged in its liquid state. If the refrigerant is charged in a state of gas, its composition can change and the system will not work properly.
 - The indoor unit is for R410A. See the catalog for indoor models that can be connected. Normal operation is not possible when connected to other units.
 - Remote controller (wireless kit) transmitting distance can be shorter than expected in rooms with electronic fluorescent lamps (inverter or rapid start types). Install the indoor unit far away from fluorescent lamps as much as possible.
 - Indoor and outside units are for indoor installation only.
 - Do not install the air conditioner in the following locations:
 - (a) Where a mineral oil mist or oil spray or vapor is produced, for example, in a kitchen.
Plastic parts may deteriorate and fall off or result in water leakage.
 - (b) Where corrosive gas, such as sulfurous acid gas, is produced.
Corroding copper pipes or soldered parts may result in refrigerant leakage.
 - (c) Near machinery emitting electromagnetic waves.
Electromagnetic waves may disturb the operation of the control system and cause the unit to malfunction.
 - (d) Where flammable gas may leak, where there is carbon fiber, or ignitable dust suspension in the air, or where volatile flammables such as thinner or gasoline are handled. Operating the unit in such conditions can cause a fire.
 - Take adequate measures to prevent the outside unit from being used as a shelter by small animals. Small animals making contact with electrical parts can cause malfunctions, smoke, or fire. Instruct the customer to keep the area around the unit clean.
-

NOTE

- Install the power supply and transmission wires for the indoor and outside units at least 3.5 feet away from televisions or radios to prevent image interference or noise. Depending on the radio waves, a distance of 3.5 feet may not be sufficient to eliminate the noise.
 - Dismantling the unit, treatment of the refrigerant, oil and additional parts must be done in accordance with the relevant local, state, and national regulations.
 - Do not use the following tools that are used with conventional refrigerants: gauge manifold, charge hose, gas leak detector, reverse flow check valve, refrigerant charge base, vacuum gauge, or refrigerant recovery equipment.
 - If the conventional refrigerant and refrigerator oil are mixed in R410A, the refrigerant may deteriorate.
 - This air conditioner is an appliance that should not be accessible to the general public.
 - The wall thickness of field-installed pipes should be selected in accordance with the relevant local, state, and national regulations.
-

2. BEFORE INSTALLATION

Do not exert pressure on the resin parts when opening the unit or when moving it after opening. Be sure to check the type of R410A refrigerant to be used before doing any work. (Using an incorrect refrigerant will prevent normal operation of the unit.)
















- When opening the unit or moving it after opening, be sure to lift it by holding on to the hanger brackets without exerting any pressure on other parts, especially, drain piping, and other resin parts.
- Decide upon a line of transport.
- Leave the unit inside its packaging while moving, until reaching the installation site. Use a sling of soft material, where unpacking is unavoidable or protective plates together with a sling when lifting, to avoid damage or scratches to the unit.
- **Especially, do not unfasten packing case (top) guarding the control box until suspending the unit.**
- Refer to the installation manual of the outdoor unit for items not described in this manual.
- Do not dispose of any parts necessary for installation until the installation is complete.

2-1 SAFETY PRECAUTIONS

- Be sure to read this manual before installing the indoor unit.
- When selecting installation site, refer to the paper pattern.
- This unit is suitable for installation in a household, commercial and light industrial environment.
- Do not install or operate the unit in rooms mentioned below.
 - Laden with mineral oil, or filled with oil vapor or spray like in kitchens. (Plastic parts may deteriorate.)
 - Where corrosive gas like sulfurous gas exists. (Copper tubing and brazed spots may corrode.)
 - Where volatile flammable gas like thinner or gasoline is used.
 - Where machines can generate electromagnetic waves. (Control system may malfunction.)
 - Where the air contains high levels of salt such as that near the ocean and where voltage fluctuates greatly such as that in factories. Also in vehicles or vessels.

2-2 ACCESSORIES

Check the following accessories are included with your unit.

Name	(1) Drain hose	(2) Metal clamp	(3) Washer for hanger bracket	(4) Clamp		(5) Paper pattern for installation	(6) Screws (M5)
Quantity	1 pc.	1 pc.	8 pcs.	(Big) 6 pcs.	(Small) 1 pc.	1 pc.	4 pcs.
Shape						Also used as packing material 	For paper pattern for installation 
Name	(7) Washer fixing plate	Insulation for fitting	Sealing pad	(12) Sealing material	(13) Conduit mounting plate	(14) Screws (M4)	(Other) • Operation manual • Installation manual
Quantity	4 pcs.	1 each	1 each	2 pcs.	1pc.	2pcs.	
Shape		(8) For gas pipe  (9) For liquid pipe 	(10) Large  (11) Small 				

2-3 OPTIONAL ACCESSORIES

- The optional decoration panel and remote controller are required for this indoor unit. (Refer to Table 1 and 2)

Table 1

Model	Optional decoration panel
FFQ09-12-15-18LVJU	BYFQ60B8W1U
	Color : White

- These are two types of remote controllers: wired and wireless. Select a remote controller from Table 2 according to customer request and install in an appropriate place.

Table 2

Remote controller type	Heat Pump type
Wired type	BRC1E71-72
Wireless type	BRC7E830

NOTE

- If you wish to use a remote controller that is not listed in Table 2, select a suitable remote controller after consulting catalogs and technical materials.

FOR THE FOLLOWING ITEMS, TAKE SPECIAL CARE DURING CONSTRUCTION AND CHECK AFTER INSTALLATION IS FINISHED.

a. Items to be checked after completion of work

Items to be checked	If not properly done, what is likely to occur	Check
Are the indoor and outdoor unit fixed firmly?	The units may drop, vibrate or make noise.	
Is the outdoor unit fully installed?	The unit may malfunction or the components burn out.	
Is the gas leak test finished?	It may result in insufficient cooling and heating.	
Is the unit fully insulated?	Condensate water may drip.	
Does drainage flow smoothly?	Condensate water may drip.	
Does the power supply voltage correspond to that shown on the name plate?	The unit may malfunction or the components burn out.	
Are wiring and piping correct?	The unit may malfunction or the components burn out.	
Is the unit safely grounded?	Dangerous at electric leakage.	
Is wiring size according to specifications?	The unit may malfunction or the components burn out.	
Is something blocking the air outlet or inlet of either the indoor or outdoor units?	It may result in insufficient cooling and heating.	
Are refrigerant piping length and additional refrigerant charge noted down?	The refrigerant charge in the system is not clear.	

b. Items to be checked at time of delivery

Also review the "SAFETY PRECAUTIONS"

Items to be checked	Check
Are the control box cover, air filter, suction grille attached?	
Did you explain about operations while showing the operation manual to your customer?	
Did you hand the operation manual over to your customer?	

c. Points for explanation about operations

The items with ⚠ WARNING and ⚠ CAUTION marks in the operation manual are the items pertaining to possibilities for bodily injury and material damage in addition to the general usage of the product. Accordingly, it is necessary that you make a full explanation about the described contents and also ask your customers to read the operation manual.

2-4 NOTE TO THE INSTALLER

Be sure to instruct customers how to properly operate the unit (especially cleaning the filter, operating different functions, and adjusting the temperature) by having them carry out operations while looking at the manual.

3. SELECTING INSTALLATION SITE

<Hold the unit by the 4 hanger brackets when opening the box and moving it, and do not exert pressure on to any other part, piping (refrigerant, drain, etc.), or plastic parts.

If the temperature or humidity inside the ceiling might rise above 86°F or RH 80%, respectively, add extra insulation to the main unit body.

Use glass wool or polyethylene foam as insulation and make sure it is at least 3/8 in. thick and fits inside the ceiling opening.>

The direction this product directs air can be selected. However, a separately sold sealing material kit is needed in order to make the unit direct air in two, three, or four (corner shut-off) directions.

(1) Select an installation location with the customer's approval which matches the following conditions.

- A location from which cool (warm) air will reach the whole room.
- A location with no objects blocking the air passage.
- A location where drainage can be done with no problem.
- A location strong enough to support the weight of the indoor unit.
- A location where the wall is not significantly tilted.
- A location which leaves enough room for installation and service work.
- A location where there is no risk of flammable gas leaking.
- A location where the length of the indoor-outdoor piping is no longer than the tolerated length (see the installation manual that came with the outdoor unit for details).

[Space required for installation] (in.)

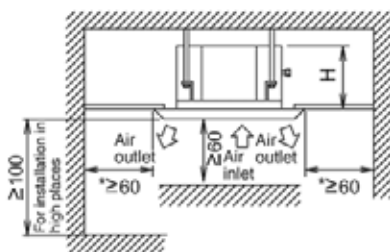


Fig. 1

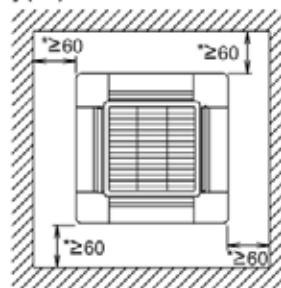


Fig. 2

NOTE

- Leave 8 in. or more space where marked with the *, on sides where the air outlet is closed.

Model	H
FFQ09-12-15-18LVJU	11-1/4(Confirm the space of 11-5/8 or more)

CAUTION

- Install the indoor and outdoor units, power supply and transmission wiring at least 40 in. away from televisions or radios in order to prevent image interference or noise. (Depending on the radio waves, a distance of 40 in. may not be sufficient enough to eliminate the noise.)

(2) Air flow direction

The air direction shown is an example. Select the appropriate number of directions according to the shape of the room and the location of the unit. (Field settings have to be made using the remote controller and the outlet vents have to be shut off if two, three, or four (corner shut-off) directions are selected. See the sealing materials (sold separately) installation manual for details.)

[Air flow direction] (Example)



- (3) Use suspension bolts for installation. Check whether the ceiling is strong enough to support the weight of the unit or not. If there is a risk, reinforce the ceiling before installing the unit. (Installation pitch is marked on the paper pattern for installation. Refer to it to check for points requiring reinforcing.)

4. PREPARATIONS BEFORE INSTALLATION

- (1) Relation of ceiling opening to unit and suspension bolt position.

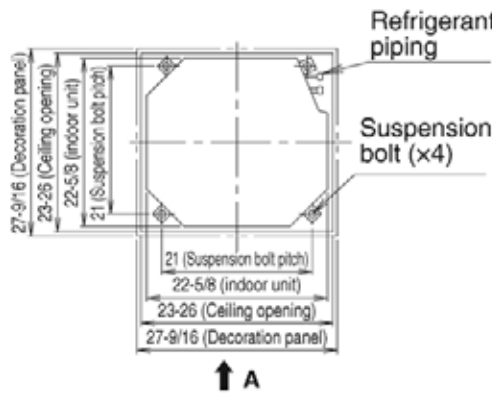


Fig. 3

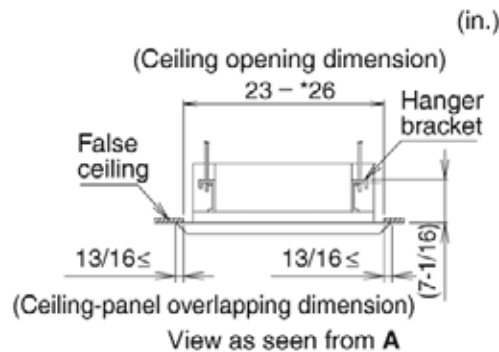


Fig. 4

NOTE

- Installation is possible with a ceiling dimension of 26 in. (marked with *). However, to achieve a ceiling-panel overlapping dimension of 13/16 in., the spacing between the ceiling and the unit should be 1-3/4 in. or less. If the spacing between ceiling and the unit is over 1-3/4 in., attach ceiling material to part or recover the ceiling.

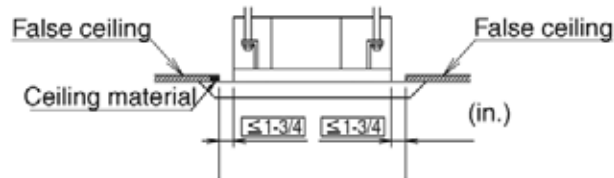


Fig. 5

- (2) Make the ceiling opening needed for installation where applicable. (For existing ceilings)

- Refer to the paper pattern for installation (5) for ceiling opening dimensions.
- Create the ceiling opening required for installation. From the side of the opening to the casing outlet, implement the refrigerant and drain piping and wiring for remote controller (unnecessary for wireless type) and wiring between units. Refer to each PIPING or WIRING section.
- After making an opening in the ceiling, it may be necessary to reinforce ceiling beams to keep the ceiling level and to prevent it from vibrating. Consult the builder for details.

- (3) Install the suspension bolts.

(Use either a M8 - M10 size bolt or the equivalent)
 Use a hole-in anchor for existing ceilings, and a sunken insert, sunken anchor or other field supplied parts for new ceilings to reinforce the ceiling to bear the weight of the unit.
 Adjust clearance (2 - 4 in.) from the ceiling before proceeding further.

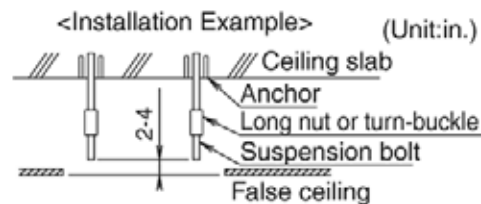


Fig. 6

NOTE

- All the above parts are field supplied.

5. INDOOR UNIT INSTALLATION

Installing optional accessories (except for the decoration panel) before installing the indoor unit is easier. However, for existing ceilings, install Fresh air intake kit and branch duct before installing the unit.

As for the parts to be used for installation work, be sure to use the provided accessories and specified parts designated by Daikin.

(1) For new ceilings

(1-1) Install the indoor unit temporarily.

- Attach the hanger bracket to the suspension bolt. Be sure to fix it securely by using a nut and washer (3) from the upper and lower sides of the hanger bracket. The washer fixing plate (7) will prevent the washer from falling.

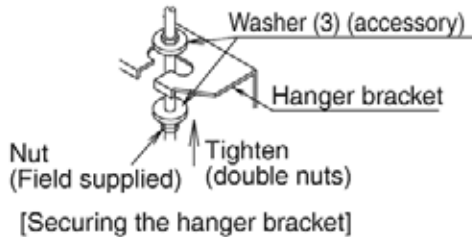


Fig. 7



Fig. 8

(1-2) Refer to the paper pattern for installation (5) for ceiling opening dimension.

Consult the builder or carpenter for details.

- The center of the ceiling opening is indicated on the paper pattern for installation.
- The center of the unit is indicated on the paper pattern for installation.
- Fix the paper pattern to the unit with screws (6) (×4).
- Ceiling height is shown on the side of the paper pattern for installation (5). Adjust the height of the unit according to this indication.

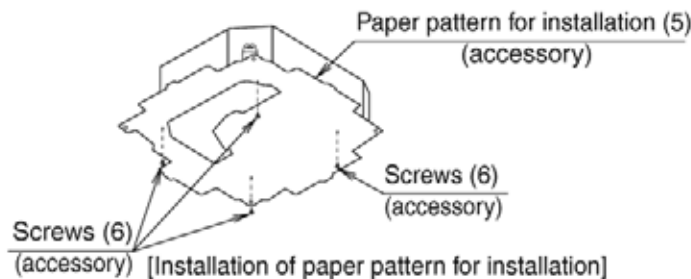


Fig. 9

<Ceiling work>

(1-3) Adjust the unit to the right position for installation.

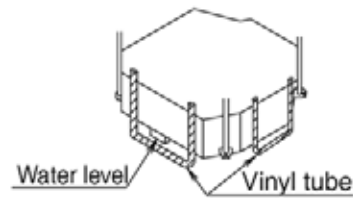
(Refer to 4.PREPARATIONS BEFORE INSTALLATION-(1).)

(1-4) Check the unit is horizontally level.

- The indoor unit is equipped with a built-in drain pump and float switch. Verify that it is level by using a water level or a water-filled vinyl tube.

— **⚠ CAUTION** —
If the unit is tilted against condensate flow, the float switch may malfunction and cause water to drip.

- (1-5) Remove the washer fixing plate (7) used for preventing the washer from falling and tighten the upper nut.
(1-6) Remove the paper pattern for installation (5).



[Maintaining horizontality]

Fig. 10

(2) For existing ceilings

(2-1) Install the indoor unit temporarily.

- Attach the hanger bracket to the suspension bolt. Be sure to fix it securely by using a nut and washer (3) from the upper and lower sides of hanger bracket. The washer fixing plate (7) will prevent the washer from falling.

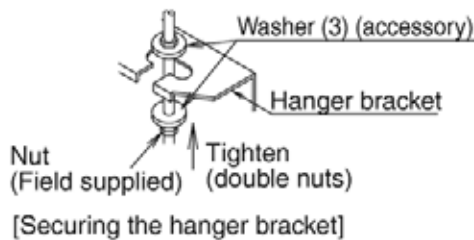
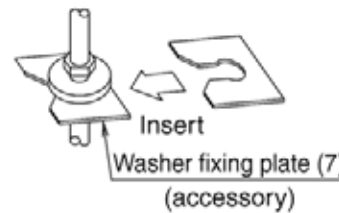


Fig. 11



[Securing the washer]

Fig. 12

(2-2) Adjust the height and position of the unit.

(Refer to 4.PREPARATIONS BEFORE INSTALLATION-(1).)

(2-3) Perform steps (1-4), (1-5) in (1) for new ceilings.

6. REFRIGERANT PIPING WORK

<For refrigerant piping of outdoor units, see the installation manual attached to the outdoor unit.>

<Execute thermal insulation work completely on both sides of the gas and the liquid piping.

Otherwise, a water leakage can result sometimes.>

Be sure to use insulation designed for use with HVAC systems.

<Also, in cases where the temperature and humidity of the refrigerant piping sections might exceed 86°F or RH80%, reinforce the refrigerant insulation. (13/16 in. or thicker) Condensation may form on the surface of the insulating material.>

<Before refrigerant piping work, check which type of refrigerant is used. Proper operation is not possible if the types of refrigerant are not the same.>

— **⚠ CAUTION** —

- Use a pipe cutter and flare suitable for the type of refrigerant.
- Apply ester oil or ether oil inside the flare portions before connecting.
- To prevent dust, moisture or other foreign matter from infiltrating the tube, either pinch the end or cover it with tape.
- Do not allow anything other than the designated refrigerant to get mixed into the refrigerant circuit, such as air. If any refrigerant gas leaks while working on the unit, thoroughly ventilate the room immediately.

- The outdoor unit is charged with refrigerant.
- Be sure to use both a spanner and torque wrench together, as shown in the drawing, when connecting or disconnecting pipes to/from the unit. (Refer to Fig. 13)
- Refer to Table 3 for the dimensions of flare nut spaces.
- When connecting the flare nut, coat the flare section (only inside) with ester oil or ether oil, rotate three or four times first, then screw in. (Refer to Fig. 14)

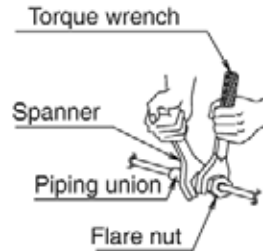


Fig. 13

Apply ester oil or ether oil only inside



Fig. 14

CAUTION
Over-tightening may damage the flare and cause a refrigerant leakage.

NOTE

- Use the flare nut included with the unit main body.

Table 3

Pipe size	Tightening torque	Flare dimensions A (in.)	Flare
ø1/4	10.4 - 12.7 ft-lbf	0.342 - 0.358	
ø3/8	24.1 - 29.4 ft-lbf	0.504 - 0.520	
ø1/2	36.5 - 44.5 ft-lbf	0.638 - 0.654	

- Refer to Table 3 to determine the proper tightening torque.

Not recommended but in case of emergency:

You must use a torque wrench but if one is not available, you may follow the installation method described below.

After the work is finished, make sure to check that there is no gas leak.

When you keep tightening the flare nut with a spanner, there is a point where the tightening torque suddenly increases. From that position, further tighten the flare nut at the angle shown below:

Pipe size	Further tightening angle	Recommended arm length of tool
ø1/4	60 – 90 degrees	Approx. 6 in.
ø3/8	60 – 90 degrees	Approx. 8 in.
ø1/2	30 – 60 degrees	Approx. 10 in.

CAUTION

CAUTION TO BE TAKEN WHEN BRAZING REFRIGERANT PIPING

Do not use flux when brazing refrigerant piping. Therefore, use the phosphor copper brazing filler metal (B-Cu93P-710/795: ISO 3677) which does not require flux.

Flux has extremely harmful influence on refrigerant piping systems. For instance, if the chlorine based flux is used, it will cause pipe corrosion or, in particular, if the flux contains fluorine, it will damage the refrigerant oil.

- Before brazing field refrigerant piping, nitrogen gas shall be blown through the piping to expel air from the piping.
If brazing is done without nitrogen gas blowing, a large amount of oxide film develops inside the piping, and could cause system malfunction.

- When brazing the refrigerant piping, only begin brazing after having carried out nitrogen substitution or while inserting nitrogen into the refrigerant piping. Once this is done, connect the indoor unit with a flared connection.
- Nitrogen should be set to 2.9 psig with a pressure-reducing valve if brazing while inserting nitrogen into the piping. (Refer to Fig.15)

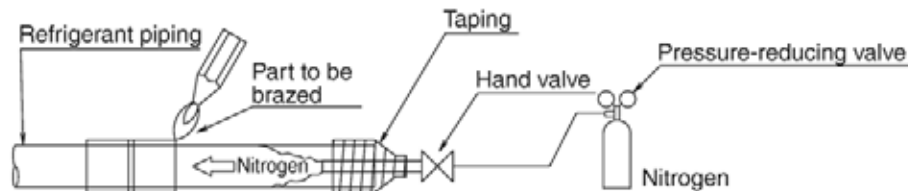


Fig. 15

- Make absolutely sure to execute thermal insulation works on the pipe-connecting section after checking gas leakage by thoroughly studying the following figure and using the attached thermal insulating materials for fitting (8) and (9). Fasten both ends with the clamps (4). (Refer to Fig. 16)
- Wrap the sealing pad (11) only around the insulation for the joints on the gas piping side. (Refer to Fig. 16)

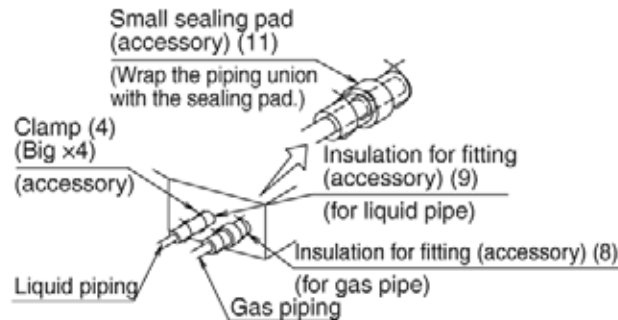


Fig. 16

⚠ CAUTION

Be sure to insulate any field piping all the way to the piping connection inside the unit. Any exposed piping may cause condensation or burns if touched.

7. DRAIN PIPING WORK

(1) Carry out the drain piping.

- Lay pipes properly to ensure that drainage can occur without problems.
- Employ a pipe with either the same diameter or with the diameter larger (excluding the raising section) than that of the connecting pipe (PVC pipe, nominal diameter 1 in., outside diameter 1-1/4 in.).
- To keep the drain pipe short and sloping downwards at a gradient of at least 1/100 to prevent air pockets from forming.
- If the drain hose cannot be sufficiently set on a slope, refer to PRECAUTIONS FOR DRAIN RAISING PIPING on page 13.
- To keep the drain hose from sagging, space hanger bracket every 40 to 60 in..

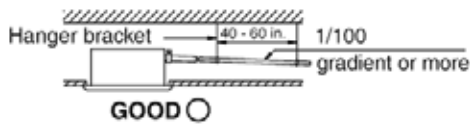


Fig. 17

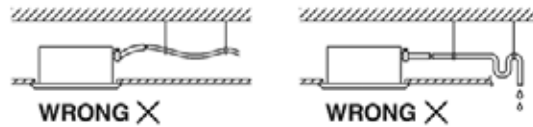


Fig. 18

CAUTION

Water pooling in the drainage piping can cause the drain to clog.

- Use the attached drain hose (1) and metal clamp (2).
- Insert the drain hose into the drain socket up to the base, and tighten the clamp securely within the portion of a gray tape of the hose-inserted tip. Tighten the clamp until the screw head is less than 5/32 in. from the hose.
- Make sure that thermal insulation work is executed on the following 2 spots to prevent any possible water leakage due to dew condensation.
 - Indoor drain pipe
 - Drain socket
- Wrap the attached sealing pad (10) over the metal clamp (2) and drain hose to insulate.

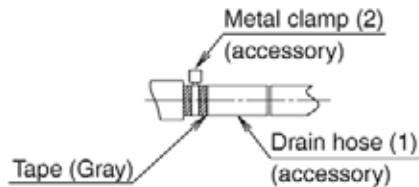


Fig. 19

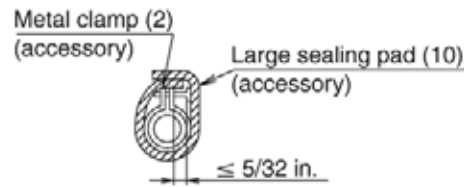


Fig. 20

<PRECAUTIONS FOR DRAIN RAISING PIPING>

- Install the drain raising pipes at a height of less than 21-7/16 in..
- Install the drain raising pipes at a right angle to the indoor unit and no more than 11-3/4 in. from the unit.

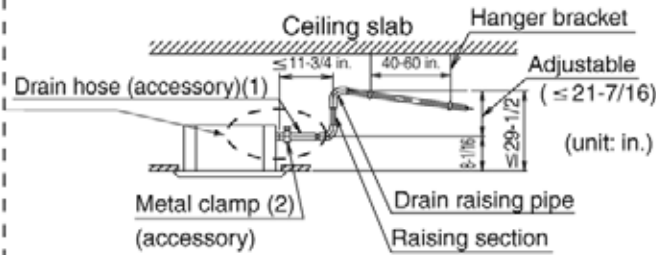
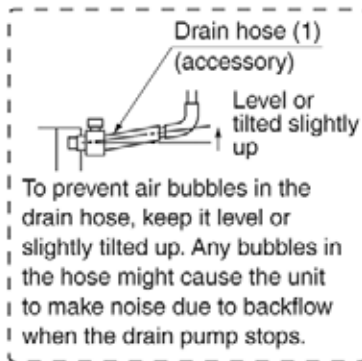


Fig. 21

NOTE

- To ensure no excessive pressure is applied to the included drain hose (1), do not bend or twist the hose when installing as it could cause leakage.
- If converging multiple drain pipes, install according to the procedure shown below.

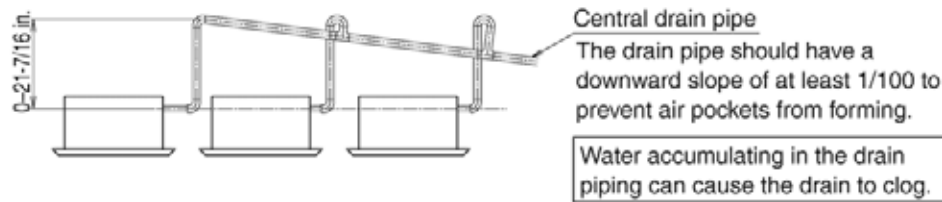


Fig. 22

Select converging drain pipes with gauges is suitable for the operating capacity of the unit.

(2) After piping work is finished, check if drainage flows smoothly.

- Add approximately 1/4 gal of water slowly from the air outlet and check drainage flow.

WHEN ELECTRIC WIRING WORK IS FINISHED

- Check drainage flow during cooling operation, explained in HOW TO TEST RUN on page 23.

WHEN ELECTRIC WIRING WORK IS NOT FINISHED

— ⚠ CAUTION —

- Electrical wiring work should be done by a certified electrician.
 - If someone who does not have the proper qualifications performs the work, perform the following actions after the test run is complete.
-
- Remove the control box cover. Connect the single phase power supply (SINGLE PHASE 60 Hz 208/230V) to connections No.1 and No.2 on the power supply terminal block. Do not connect to No.3 of the power supply terminal block or the drain pump will not operate. When carrying out wiring work around the control box, make sure none of the connectors come undone. Be sure to attach the control box cover before turning on the power.
 - After confirming drainage (**Fig.23, Fig.24**), turn off the power supply and remove the power supply wiring.
 - Attach the control box cover as before.

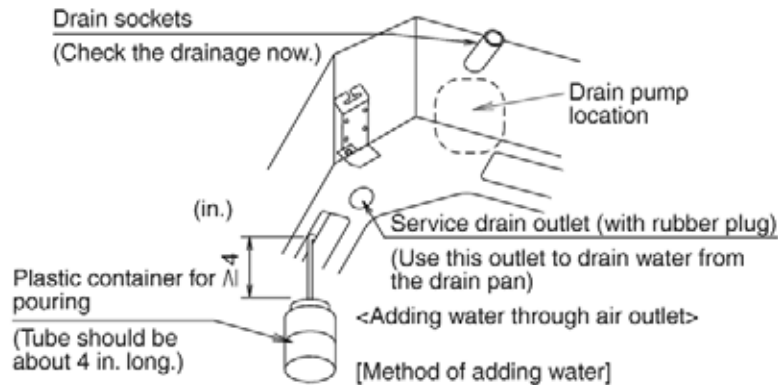


Fig. 23

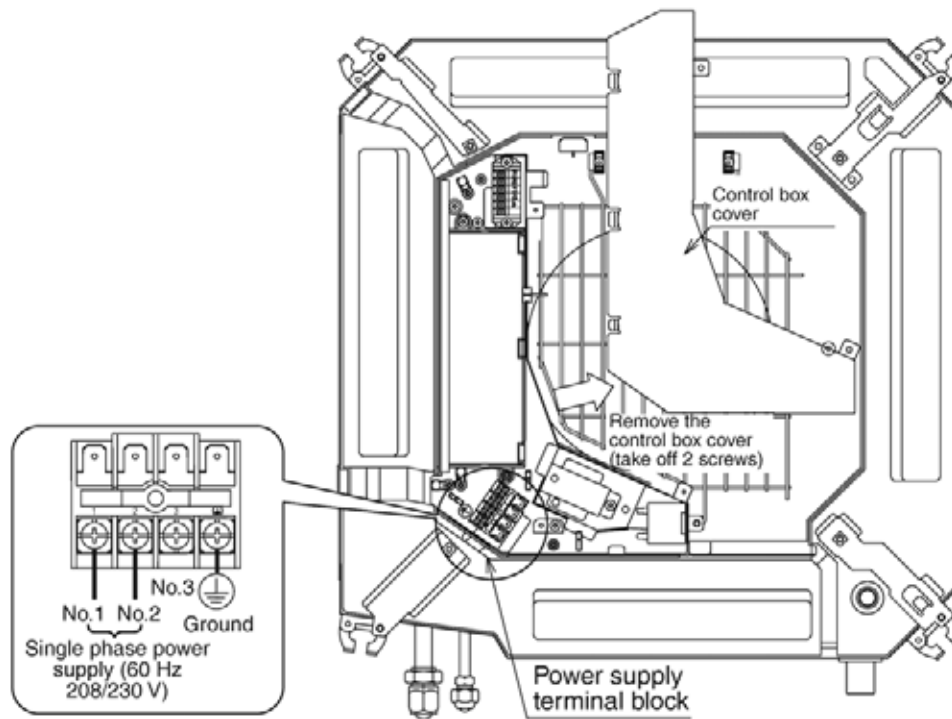


Fig. 24

⚠ CAUTION

- Drain piping connections
 - Do not connect the drain piping directly to sewage pipes that smell of ammonia. The ammonia in the sewage might enter the indoor unit through the drain pipes and corrode the heat exchanger.
 - Keep in mind that the drain pipe becomes blocked if water collects on it.
-

8. WIRING EXAMPLE

For the wiring of outdoor units, refer to the installation manual attached to the outdoor units.

Confirm the system type.

- **Multi system:** 1 through 4 indoor units connect to 1 outdoor unit. The indoor unit is controlled by remote controller connected to each indoor unit. (Refer to Fig. 25)
However, the group control is not expected.
- **Group control:** 1 remote controller controls up to 16 indoor units. (All indoor units operate according to the remote controller) (Refer to Fig. 26)
- **2 remote controllers control:** 2 remote controllers control 1 indoor unit. (Refer to Fig. 27)

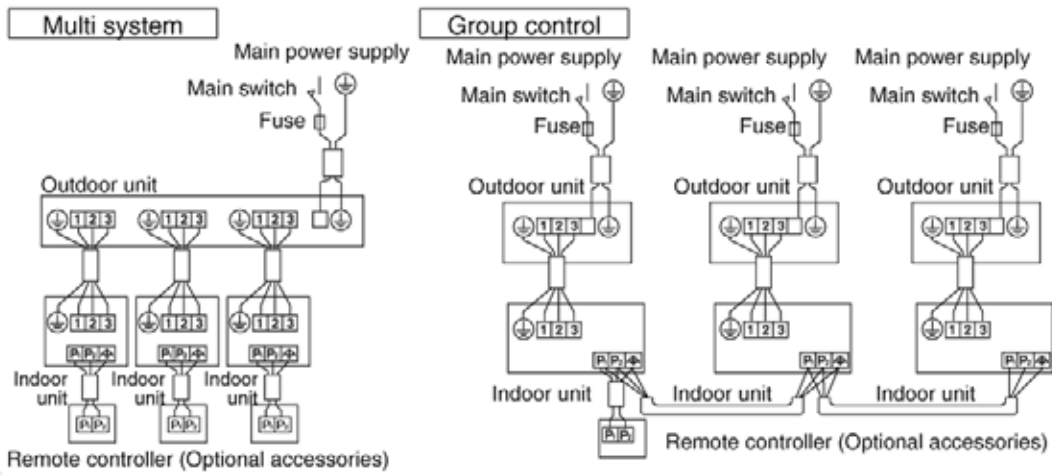


Fig. 25

Fig. 26

2 remote controllers control

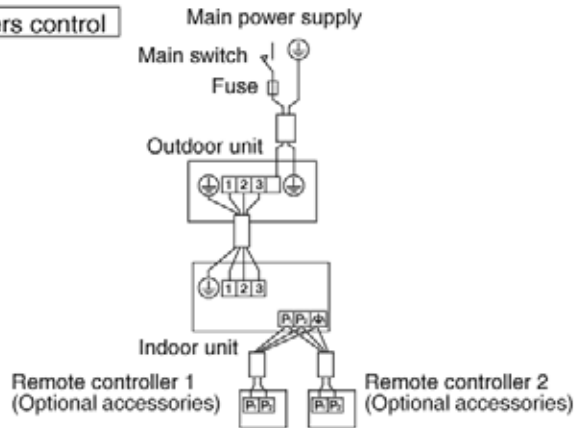


Fig. 27

NOTE

1. All transmission wiring, except for the remote controller wires, is polarized and must match the terminal symbol.
2. In case a shielding wire is to be used, connect a shielded portion with the ⚡ of a remote controller terminal board. Also, connect the ground for the remote controller to a grounded metal part.
3. For group control remote controller, choose the remote controller that suits the indoor unit which has the most functions (as attached swing flap).
4. When controlling the simultaneous operation system with 2 remote controllers, connect it to the master unit (wiring to the slave unit is unnecessary).

9. ELECTRIC WIRING WORK

- All field supplied parts and materials and electric works must conform to local codes.
- Use copper wire only.
- For electric wiring work, refer to also "Wiring diagram label" attached to the control box cover.
- For remote controller wiring details, refer to the installation manual attached to the remote controller.
- All wiring must be performed by an authorized electrician.
- A circuit breaker capable of shutting down power supply to the entire system must be installed.
- Refer to the installation manual attached to the outdoor unit for the size of power supply wire connected to the outdoor unit, the capacity of the circuit breaker and switch, and wiring instructions.
- Be sure to ground the air conditioner.
- Do not connect the ground wire to gas and water pipes, lightning rods, or telephone ground wires.
 - Gas pipes : might cause explosions or fire if gas leaks.
 - Water pipes : no grounding effect if hard vinyl piping is used.
 - Telephone ground wires or lightning rods : might cause abnormally high electric potential in the ground during lightning storms.

• Specifications for field wire

The remote controller wiring should be procured locally. Refer to the **Table 4** when preparing one.

Table 4

	Wire	Size	Length (ft.)
Wiring between units	Wire size and length must comply with local codes.	—	—
Remote controller wiring	Sheathed (2 wire)	AWG 18 - 16	Max.1640*
Wiring to ground terminal	Wire size and length must comply with local codes.	—	—

* This will be the total extended length in the system when doing group control.

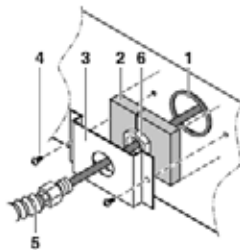
— CAUTION —

- Arrange the wires and fix a cover firmly so that the cover does not float during wiring work.
- Do not clamp remote controller wiring together with wiring between units together. Doing so may cause malfunction.
- Remote controller wiring and wiring between units should be located at least 2 in. from other electric wires. Not following this guideline may result in malfunction due to electrical noise.

Connection of wiring between units, ground wire and remote controller wiring (Refer to Fig. 29)

- **Wiring between units and ground wire**
Remove the control box cover. Connect wires of matching number to the power supply terminal block (4P) inside and the ground wire to the terminal block. Then, fasten a conduit to the conduit mounting plate (13) with a locknut securely. In doing this, pull the wires inside through the hole and fix the wires securely with the included clamp (4).
- Give enough slack to the wires between the clamp (4) and power supply terminal block. Use Fig. 30 as a guide and allow at least 3-1/4 in. for removing the sheath.
- After connection, attach the sealing material. (Refer to Fig. 28). Be sure to attach it to prevent infiltration of water from the outside. Make sure that the slit in the sealing material is positioned vertically.

After attaching the sealing, screw the conduit mounting plate (13) using the 2 delivered screws (M4) (14) to the side of the unit where the power supply cables enter the unit. (Refer to Fig. 28).



1. Hole in the side plate of the unit
2. Sealing material
3. Conduit mounting plate
4. Screw (M4)
5. Conduit (Field supply)
6. Lock nut (Field supply)

Fig. 28

- Remove the control box cover and pull the wires inside through the hole and connect to the terminal block for remote controller (6P). (no polarity) Securely fix the remote controller wiring with the included clamp (4).
- Give enough slack to the wires between the clamp (4) and the terminal block for the remote controller.
- After connection, attach sealing material (12).
- Be sure to attach it to prevent the infiltration of water as well as any insects and other small creatures from the outside. Otherwise a short circuit may occur inside the control box.

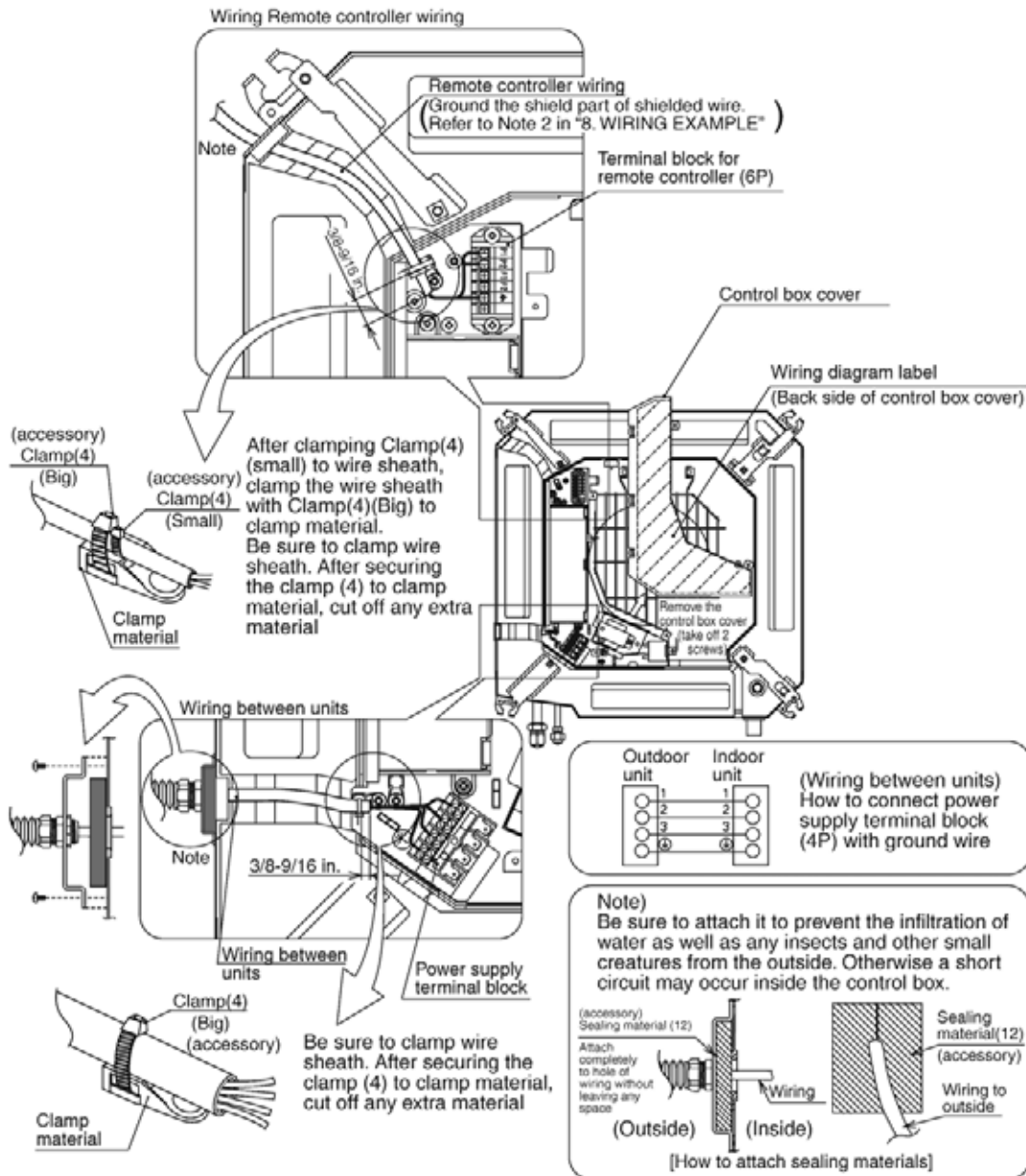


Fig. 29

Observe the notes mentioned below when wiring to the power supply terminal block.

Tightening torque for the terminal blocks

- Use the correct screwdriver for tightening the terminal screws. If the blade of screwdriver is too small, the head of the screw might be damaged, and the screw will not be properly tightened.
- If the terminal screws are tightened too hard, screws might be damaged.
- Refer to the table below for the tightening torque of the terminal screws.

	Tightening torque (ft-lbf)
Terminal block for remote controller (6P)	0.58 - 0.72
Power supply terminal block (4P)	0.87 - 1.06

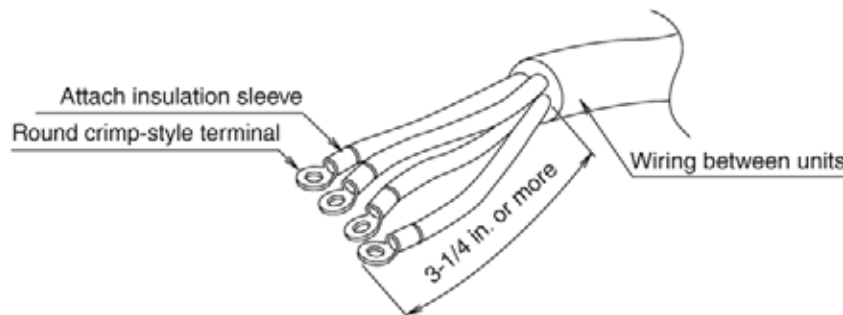
Precautions to be taken for power supply wiring

Use a round crimp-style terminal for connection to the power supply terminal block. If it cannot be used due to unavoidable reasons, be sure to observe the following instructions:

Be sure to peel off the sheath of wiring between units more than 3-1/4 in..

(Refer to Fig. 30)

- In wiring, make certain that prescribed wires are used, carry out complete connections, and fix the wires so that external forces are not applied to the terminals.

**Fig. 30****When none is available, follow the instructions below**

- Do not connect wires of different gauge to the same power supply terminal.

Connect wires of the same gauge to each side.



Do not connect wires of the same gauge to one side.



Do not connect wires of different gauges.



(Looseness in the connection may cause overheating.)

CAUTION

- When clamping wiring, use the included clamping material to prevent outside pressure being exerted on the wiring connections and clamp firmly. When doing the wiring, make sure the wiring is neat and does not cause the control box cover to stick up, then close the cover firmly.
- When attaching the control box cover, make sure you do not pinch any wires.
- After all the wiring connections are done, fill in any gaps in the through holes with putty or insulation (procured locally) to prevent small animals and insects from entering the unit from outside. (If any gets in, they could cause short circuits in the control box.)
- Outside the unit, separate the low voltage wiring (remote controller wiring) and high voltage wiring (wiring between units, ground, and other power wiring) at least 2 in. so that they do not pass through the same place together. Proximity may cause electrical interference, malfunctions, and breakage.

10. INSTALLATION OF THE DECORATION PANEL

Caution:

With the wireless remote controller, field setting and test run cannot be performed without attaching the decoration panel.

<Read "12. TEST RUN" before making a test run without attaching the decoration panel.>

Refer to the installation manual attached to the decoration panel.

After installing the decoration panel, ensure that there is no space between the unit body and decoration panel.

11. FIELD SETTINGS

⚠ CAUTION

When performing field setting or test run without attaching the decoration panel, do not touch the drain pump. This may cause electric shock.

- (1) Make sure the control box cover is closed on the indoor and outdoor units.
- (2) Field settings must be made from the remote controller and in accordance with installation conditions.
 - Setting can be made by changing the "Mode No.," "FIRST CODE NO." and "SECOND CODE NO."
 - The "Field Settings" included with the remote control lists the order of the settings and method of operation.

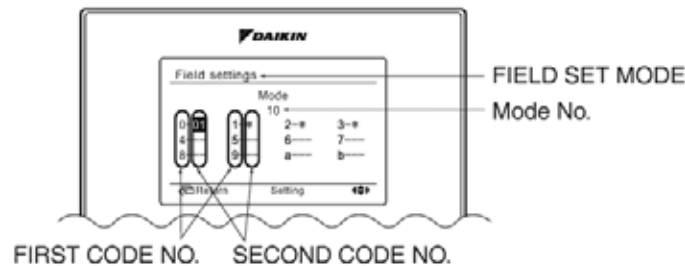


Fig. 31

11-1 SETTING AIR OUTLET DIRECTION

- For changing air outlet direction (2 or 3 directions), refer to the installation manual attached to the sealing material of air discharge outlet kit or the service manual. (SECOND CODE NO. is factory set to "01" for air outlet in 4 directions.)

11-2 SETTING FOR OPTIONS

- For settings for options, see the installation manual provided with the option.

11-3 SETTING AIR FILTER SIGN

- Remote controllers are equipped with liquid crystal display air filter signs to display the time to clean air filters.
- Change the SECOND CODE NO. according to Table 5 depending on the amount of dirt or dust in the room. (SECOND CODE NO. is factory set to "01" for air filter contamination-light.)

Table 5

Setting	Spacing time of display air filter sign (long life type)	Mode No.	FIRST CODE NO.	SECOND CODE NO.
Air filter contamination-light	Approx. 2500 hrs	10 (20)	0	01
Air filter contamination-heavy	Approx. 1250 hrs			02

When using wireless remote controllers

- When using the wireless remote controllers, wireless remote controller address setting is necessary. Refer to the installation manual attached to the wireless remote controller.

11-4 WHEN IMPLEMENTING GROUP CONTROL

- When using as a pair unit, you may control up to 16 units with the remote controller.
- In this case, all the indoor units in the group will operate in accordance with the group control remote controller.
- Select a remote controller which matches as many of the functions (swing flap, etc) in the group as possible.



Wiring Method (See 9. ELECTRIC WIRING WORK on page 17.)

- Remove the control box cover.
- Cross-wire the remote control terminal block (P₁, P₂) inside the control box. (There is no polarity.)
(Refer to Fig. 26 on page 16 and Table 4 on page 17)

11-5 TWO REMOTE CONTROLLERS (CONTROLLING 1 INDOOR UNIT BY 2 REMOTE CONTROLLERS)

- When using 2 remote controllers, one must be set to "MAIN" and the other to "SUB".

Wiring Method (See 9. ELECTRIC WIRING WORK on page 17.)

- Remove the control box cover.
- Add remote controller 2 to the remote control terminal block (P₁, P₂) in the control box. (There is no polarity.) (Refer to Fig. 27 on page 16 and Table 4 on page 17)

12. TEST RUN**— ⚠ CAUTION —**

When performing field settings or test run without attaching the decoration panel, do not touch the drain pump. This may cause electric shock.

Refer to the section of FOR THE FOLLOWING ITEMS, TAKE SPECIAL CARE DURING CONSTRUCTION AND CHECK AFTER INSTALLATION IS FINISHED on page 6.

- After finishing the construction of refrigerant piping, drain piping, and electric wiring, conduct test run accordingly to protect the unit.

12-1 HOW TO TEST RUN

1. Open the gas side stop valve.
2. Open the liquid side stop valve.
3. Turn on power supply for 6 hours.
4. Set the operation mode to cooling by using the remote controller.
5. Press and hold Cancel button for 4 seconds or longer. Service settings menu is displayed.
6. Select **Test Operation** in the service settings menu, and press Menu/OK button. Basic screen returns and "Test Operation" is displayed at the bottom.
7. Press On/Off button within 10 seconds, and the test operation starts. Monitor the operation of the indoor unit for a minimum of 10 minutes. During test operation, the indoor unit will continue to cool regardless of the temperature setpoint and room temperature.

NOTE

- In the case of above-mentioned procedures 6 and 7 in reverse order, test operation can start as well.

8. Press Menu/OK button in the basic screen. Main menu is displayed.
9. Select **Air Flow Direction** in the main menu and check that air flow direction is actuated according to the setting. For operation of air flow direction setting, see the operation manual.
10. After the operation of air flow direction is confirmed, press Menu/OK button. Basic screen returns.
11. Press and hold Cancel button for 4 seconds or longer in the basic screen. Service settings menu is displayed.
12. Select **Test Operation** in the service settings menu, and press Menu/OK button. Basic screen returns and normal operation is conducted.

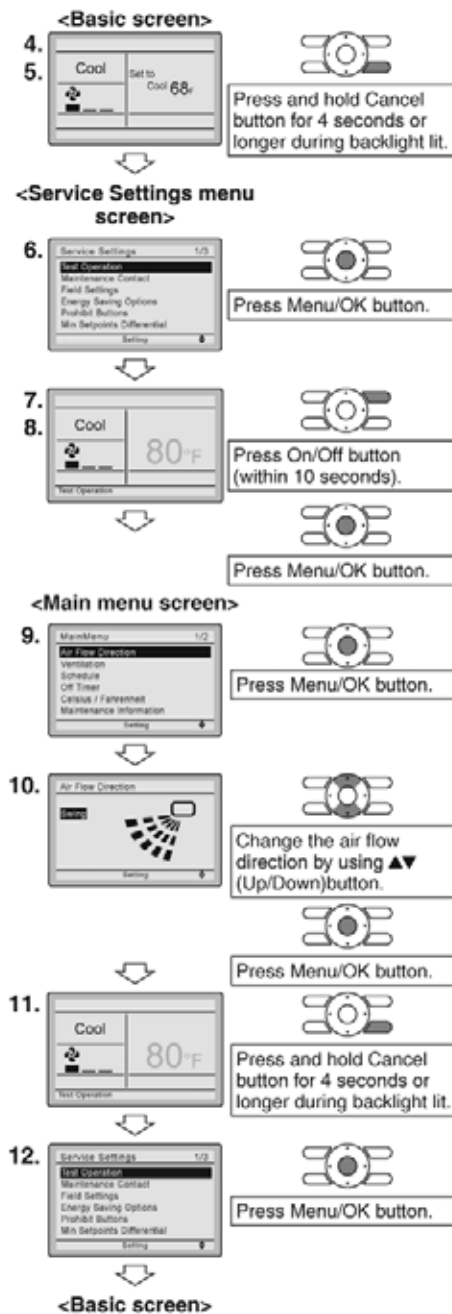
NOTE

- The test operation will automatically finish in 30 minutes.

13. Confirm function of unit according to the operation manual of the remote controller.
14. If the decoration panel has not been installed, turn off the power after the test run.

PRECAUTIONS

1. Refer to "12-2 HOW TO DIAGNOSE FOR MALFUNCTION" if the unit does not operate properly.



12-2 HOW TO DIAGNOSE FOR MALFUNCTION

- If the air conditioner does not operate normally after installing the air conditioner, a malfunction shown in the table below may happen.

Remote controller display	Description
No display	<ul style="list-style-type: none"> • Power outage, power voltage error or open-phase • Incorrect wiring (between indoor and outdoor units) • Indoor PC-board assembly failure • Remote controller wiring not connected • Remote controller failure • Open fuse or tripped circuit breaker (outdoor unit)
"Checking the connection. Please stand by." *	<ul style="list-style-type: none"> • Indoor PC-board assembly failure • Wrong wiring (between indoor and outdoor units)

* "Checking the connection. Please stand by" will be displayed for up to 90 seconds following the application of power to the indoor unit. This is normal and does not indicate a malfunction.

■ Diagnose with the display on the liquid crystal display remote controller.

1. With the wired remote controller.

When the operation stops due to a malfunction, operation lamp flashes, and the malfunction code is indicated on the liquid crystal display. In such a case, diagnose the fault contents by referring to **Error History** in the service settings menu in case of group control, the unit No. is displayed so that the indoor unit No. with the trouble can be recognized.

2. With the wireless remote controller.

(Refer also to the operation manual attached to the wireless remote controller)

When the operation stops due to a malfunction the display on the indoor unit flashes. In such a case, diagnose the fault contents with the error code which can be found by following procedures.

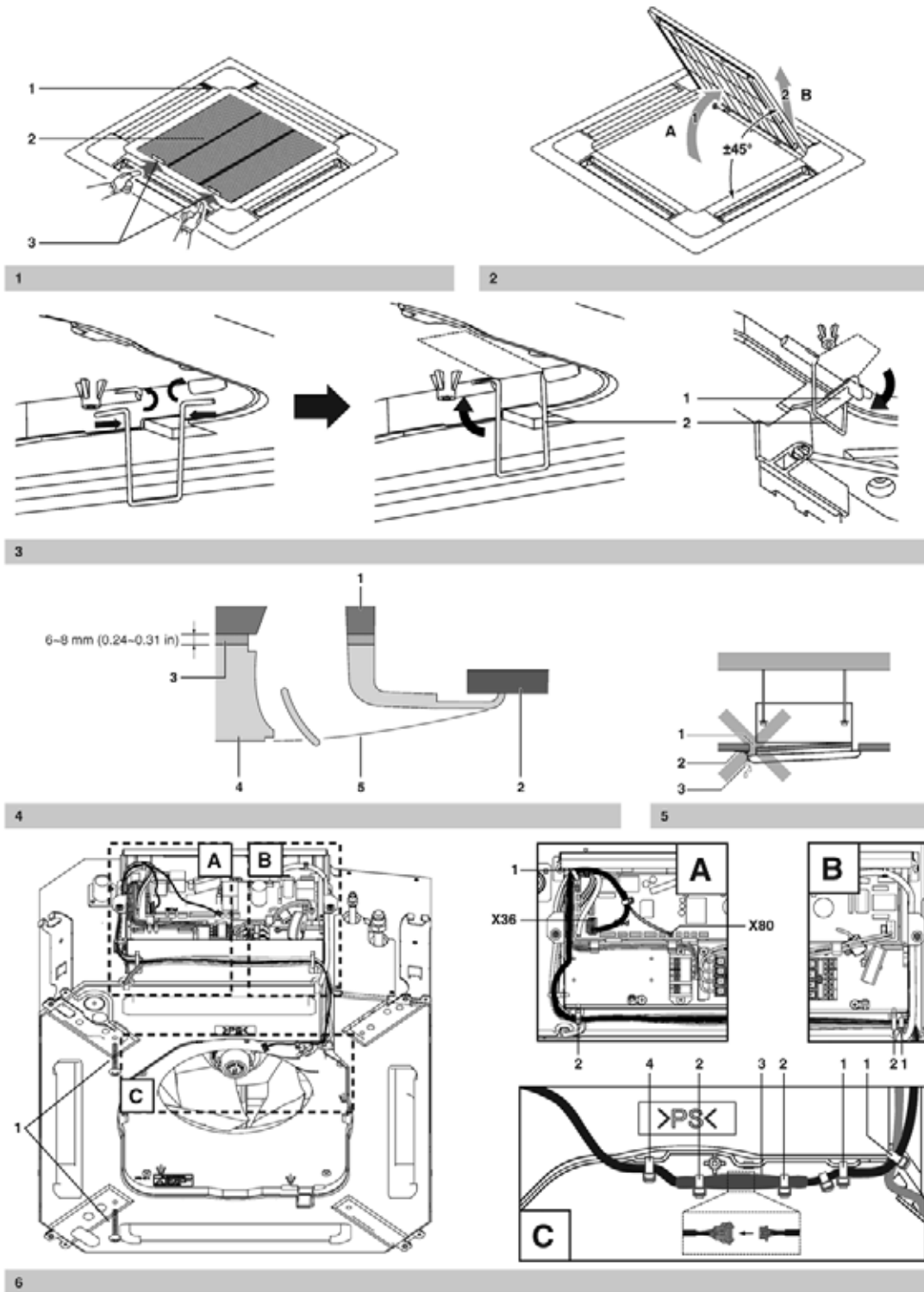
- (1) Press the INSPECTION/TEST RUN button, "0" is displayed and "0" flashes.
- (2) Press the PROGRAMMING TIME button and find the unit No. which stopped due to trouble.

Number of beeps	3 short beeps.....	Perform all the following operations
	1 short beep	Perform (3) and (6)
	1 long beep.....	No trouble
- (3) Press the OPERATION MODE SELECTOR button and upper figure of the error code flashes.
- (4) Continue pressing the PROGRAMMING TIME button until it makes 2 short beeps and find the upper code.
- (5) Press the OPERATION MODE SELECTOR button and lower figure of the error code flashes.
- (6) Continue pressing the PROGRAMMING TIME button until it makes a long beep and find the lower code.
 - A long beep indicate the error code.

NOTE

- Check the items in "b. Items to be checked at time of delivery" on page 6 after a test run.

2.2 <BYFQ60B3W1> Decoration Panel



⚠ The English text is the original instruction. Other languages are translations of the original instructions.

Read this manual attentively before installation. Do not throw it away. Keep it in your files for future reference.

Improper installation or attachment of equipment or accessories could result in electric shock, short-circuit, leaks, fire or other damage to the equipment. Be sure only to use accessories made by Daikin that are specifically designed for the use with the equipment and have them installed by a professional.

If unsure of installation procedures or use, always contact your dealer for advice and information.

Before installation

- Leave the unit inside its packaging until you reach the installation site.


⚠ Rotary fan









Cut off the main power before opening the grille.

- Refer to the installation manual of the indoor unit for items not described in this manual.

NOTE To the installer

 Be sure to instruct the customer how to properly operate the system showing him or her the operation manual of the indoor unit.

Accessories

Installation manual		Wire harness	
Screws (4x)		Temporary latch	
Fibre glass tube		Tie wrap (7x)	

Preparation before installation

For this unit, you are able to select air flow directions. To discharge air in 2 or 3 directions, it is necessary to purchase the optional blocking pad kit for sealing air discharge outlets.

Handling of the decoration panel

- To prevent any damage to the decoration panel, take care of the following:
- Never place the decoration panel facing down.
 - Never let the decoration panel lean against a wall.
 - Never place the decoration panel on a sharp or projecting object.
 - Never touch or put pressure on the swing flap in order to prevent malfunction of the swing flap.

Preparing the decoration panel for installation

- 1 Remove the suction grille from the decoration panel.
 - 1 Decoration panel
 - 2 Suction grille
 - 3 Lever
 - Push the suction grille lever (3) inward and open the suction grille (2). (See figure 1)
 - Detach the suction grille from the decoration panel by lifting the suction grille up approximately 45 degrees (A) until the position is reached on which removal of the suction grille is possible (B). (See figure 2)

Installation of the decoration panel to the indoor unit

Refer to the installation manual of the indoor unit for details on installing the indoor unit.

Installation and wiring of the decoration panel.

⚠ Make sure to turn off the power supply before wiring!

For installation and wiring of the decoration panel see figure 6.

- 1 Screws
- A**
- 1 Tie wrap
 - 2 Latch
Socket X36
Socket X80
- B**
- 1 Tie wrap
 - 2 Latch
- C**
- 1 Tie wrap
 - 2 Tie wrap
 - 3 Fibre glass tube
 - 4 Tie wrap

- 1 Attach wire harness from panel accessory set to unit and to other wire harness by two tie wraps (1). (See figure 6-C)
- 2 Lead the wire harness through unit's groove and attach it by tie wrap (1) to the rest of wire harnesses. (See figure 6-B)
- 3 Open two latches (2) and insert the wire harness so it is in the same condition as other wire harnesses. (See figure 6-A and 6-B)
- 4 Insert wire harness into switch box using lower hole, insert two connectors into proper sockets (X36, X80) and secure the wire harness by tie wrap (1). (See figure 6-A)
- 5 Provisionally tighten the 2 supplied screws (1) approximately 5 mm (0.2 in) into the indoor unit as marked in figure. (See figure 6)

- 6 Attach latch (2) from panel accessory set to unit according to figure 3. Then turn this latch up. (See figure 3)
- 7 Slide the panel over the provisionally tightened screws matching the 2 attachment holes (⑦).
- 8 Turn decoration panel lever (1) 90 degrees and then turn temporary latch (2) down to secure panel in temporary position. (See figure 3)
- 9 Attach remaining screws and tighten all 4 screws until the thickness of the sealing material between the decoration panel and the indoor unit reduces to 6-8 mm. (See figure 4)

- 1 Indoor unit
- 2 Ceiling
- 3 Sealing material
- 4 Decoration panel
- 5 Air outlet

- 10 Pull the fibre glass tube (3) over decoration panel wire harness. Then connect both wire harnesses together and move the fibre glass tube over this connection. Secure the fiber glass tube by two tie wraps (2) according to figure 6-C. Then attach decoration panel wire harness to unit by tie wrap (4). (See figure 6-C)



Make sure that the swing flap motor lead wire is not caught between the indoor unit and the decoration panel and inbetween the electric component box lid.

Precautions

- Improper tightening of the screws - (See figure 5) - may cause air to leak into the unit and between the ceiling and the decoration panel (1), resulting in formation of contamination (2) and dew (3).
- If there is a gap remaining between the ceiling and the decoration panel after tightening the screws, re-adjust the indoor unit body height. The indoor unit must be kept leveled and the drain piping kept unaffected.

Installation of the suction grille

Install the suction grille by reversing the procedure shown in "Preparing the decoration panel for installation" on page 1.

- The suction grille may be installed in 4 directions by simply turning it 90 degrees.
- Change the direction when adjusting the direction of the suction grille of multiple units or to comply with the demands of the customer.



NOTE Be careful not to get the swing flap motor lead wire get caught when installing the suction grille.

2.3 <BRC1E71> Wired Remote Controller

1. Safety Considerations

Read these **SAFETY CONSIDERATIONS** carefully before installing the remote controller.




After completing the installation, ensure that the unit operates properly during the startup operation.


Train the customer to operate and maintain the unit. Inform customers that they should store this

Installation Manual with the Operation Manual for future reference.

Always use a licensed installer or contractor to install this product. Improper installation can result in water or refrigerant leakage, electrical shock, fire, or explosion.

Meanings of **WARNING**, **CAUTION**, and **NOTE** Symbols.

 WARNING	Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
 CAUTION	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.
 NOTE	Indicates situations that may result in equipment or property-damage accidents only.

 WARNING	
Only qualified personnel must carry out the installation work.	
Consult your Daikin dealer regarding relocation and reinstallation of the remote controller. Improper installation work may result in leakage, electric shocks or fire.	
Install the remote controller in accordance with the instructions in the installation manual. Improper installation may cause electrical shocks or fire.	
Use only specified accessories and parts for installation work. Failure to use specified parts may result in water leakage, electric shocks, fire, or the unit falling.	
Do not disassemble, reconstruct, or repair. Electric shock or fire may occur.	
Make sure that all wiring is secured, that specified wires are used, and that no external forces act on the terminal connections or wires. Improper connections or installation may result in fire.	
Before touching electrical parts, turn off the unit.	

CAUTION

Keep water out of the remote controller.

To avoid leakage and electric shock due to entry of water or insects, fill the wiring through-hole with putty.

Do not wash the remote controller with water as it may result in electrical shocks or fire.

Do not touch the remote controller buttons with wet fingers.

Touching the buttons with wet fingers can cause an electric shock.

Do not install the remote controller in the following locations:

- (a) Where a mineral oil mist or oil spray or vapor is produced, for example, in a kitchen.
Plastic parts may deteriorate and fall off or result in water leakage.
- (b) Where corrosive gas, such as sulfurous acid gas, is produced.
Corroding copper pipes or soldered parts may result in refrigerant leakage.
- (c) Near machinery emitting electromagnetic waves.
Electromagnetic waves may disturb the operation of the control system and cause the unit to malfunction.
- (d) Where flammable gas may leak, where there is carbon fiber or ignitable dust suspensions in the air, or where volatile flammables such as thinner or gasoline are handled.
Operating the unit in such conditions can cause a fire.
- (e) High temperature area or directly flamed point.
Heating and/or fire can occur.
- (f) Moist area, where there is exposure to water. If water enters the inside of the remote controller, it may cause electric shock and electrical components may fail.

NOTE

Install the control wires for the indoor and the remote controller at least 3.5 feet (1 meter) away from televisions or radios to prevent image interference or noise. Depending on the radio waves, a distance of 3.5 feet (1 meter) may not be sufficient to eliminate the noise.





If water enters the inside of the remote controller, electric shock may be caused and inner electronics may fail.

When remote controller's thermostat sensor is used, select the installation location as per the following:

- A place where average temperature in the room can be detected.
- A place where it is not exposed to direct sunlight.
- A place where it is far apart from heat source.
- A place where it is not affected by outside air due to door opening/closing.

2. Accessories

The following accessories are included.

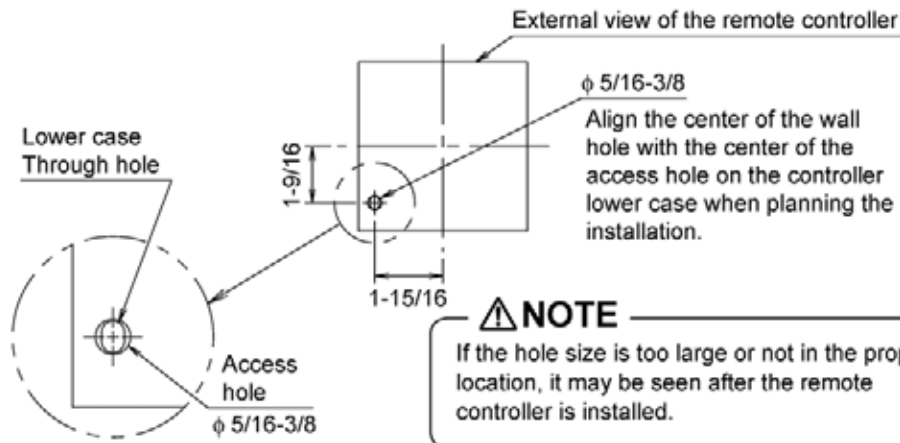
Wood screw	Small screw	Clamp	Operation manual	Installation manual	Wiring retainer
($\phi 3.5 \times 16\text{mm}$)	(M4 $\times 16\text{mm}$)				
(2 pcs.)	(2 pcs.)	(1 pc.)	(1 pc.)	(1 pc.)	(1 pc.)

3. Remote controller installation procedure

3-1 Determine where to install the remote controller.

Make sure to follow "1. Safety Considerations" when determining the location.

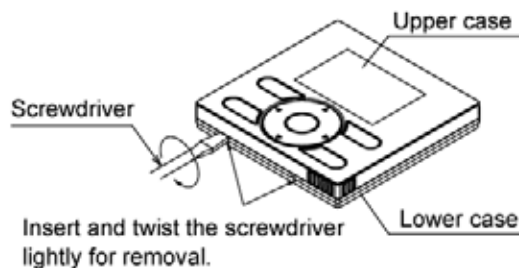
3-2 If the control cable for the remote controller is to be routed from the rear, make a hole in the wall taking into consideration the location of the access hole in the lower case.



3-3 Remove upper case.

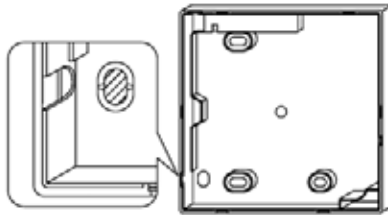
Insert a screwdriver in the recess of lower case to remove the upper case (2 points).

- Remote controller PC-board is installed on the upper case. Take care not to damage the PC-board with the screwdriver.
- Take care that dust or moisture does not touch the PC-board.



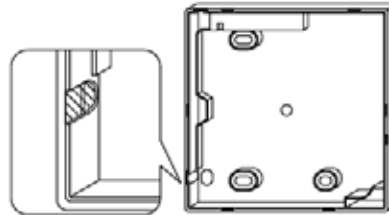
3-4 Determine the location where the cabling will enter the remote controller (back, left side, top left, top center).

3-4-1 Back outlet



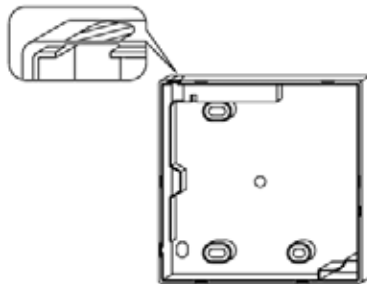
Cut off resin area (hatched area).

3-4-2 Left outlet



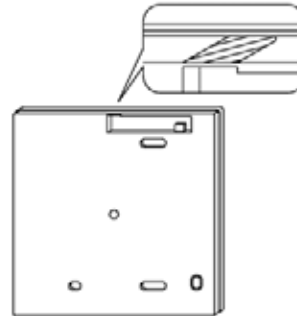
Using an appropriate tool, cut the plastic at the hatched area and remove any remaining burrs.

3-4-3 Top left outlet



Using an appropriate tool, cut the plastic at the hatched area and remove any remaining burrs.

3-4-4 Top center outlet



Using an appropriate tool, cut the plastic at the hatched area and remove any remaining burrs.

3-5 Install wiring.

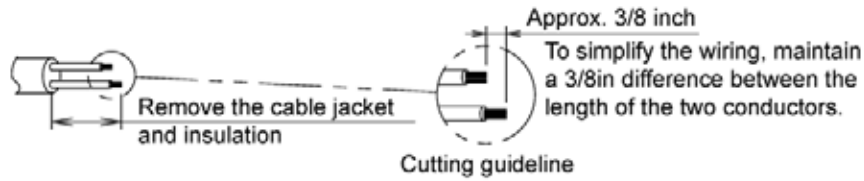
⚠ NOTE

1. Switch box and control wiring are not attached.
2. Do not touch the remote controller PC-board.

Wiring Specifications

Wiring Type	Non-shielded, 2-conductor, stranded copper cable
Wiring Size	AWG-18
Wiring Length	Maximum 1640 feet (500m)

Prepare the cabling for connection to the remote controller following these instructions:

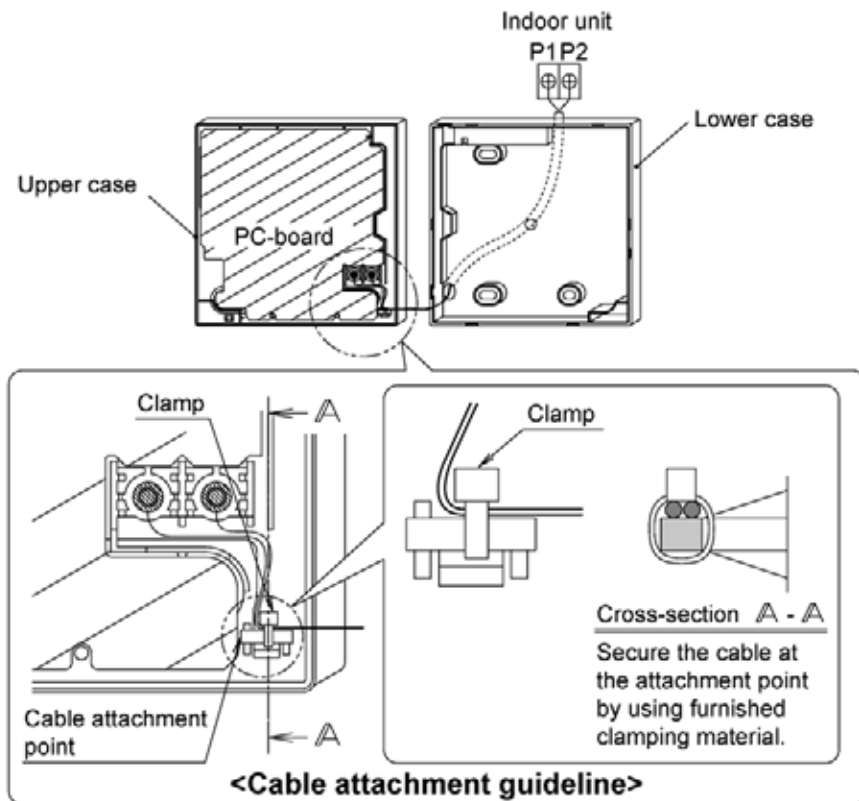


Length of jacket to be removed:

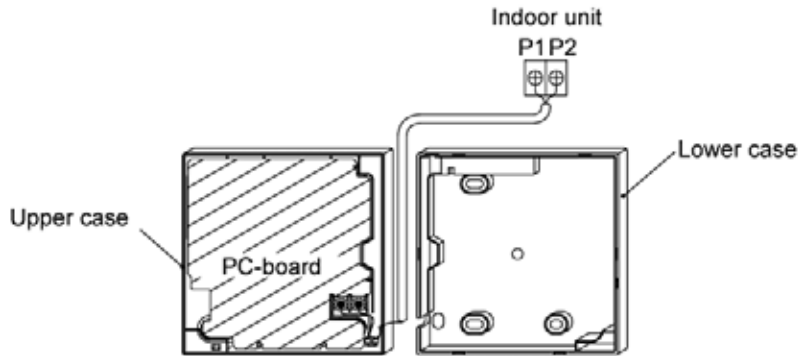
- Approx. 6 inch for top left outlet
- Approx. 8 inch for top center outlet

Connect the terminals (P/P1, N/P2) of the remote controller to the terminals (P1, P2) of the indoor unit. (P1 and P2 are not polarity sensitive.)

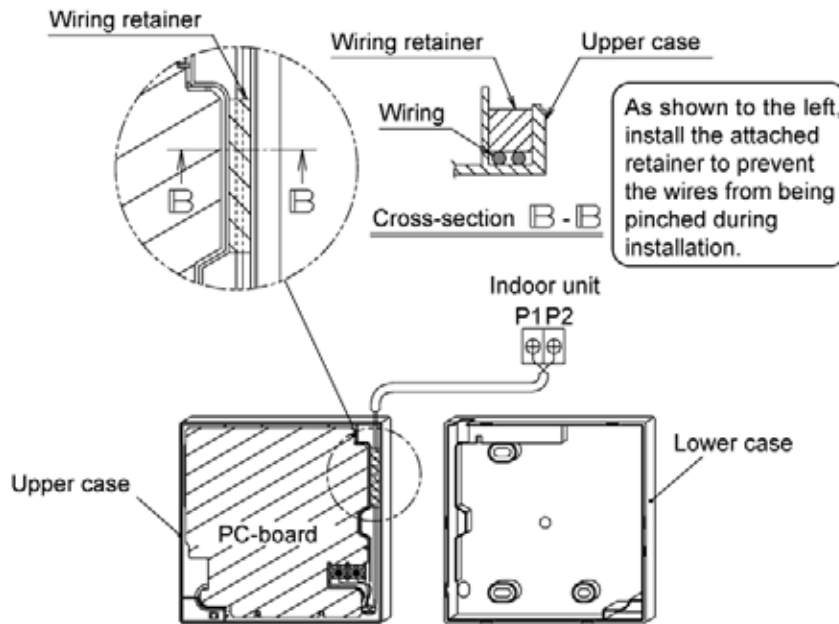
3-5-1 Back outlet



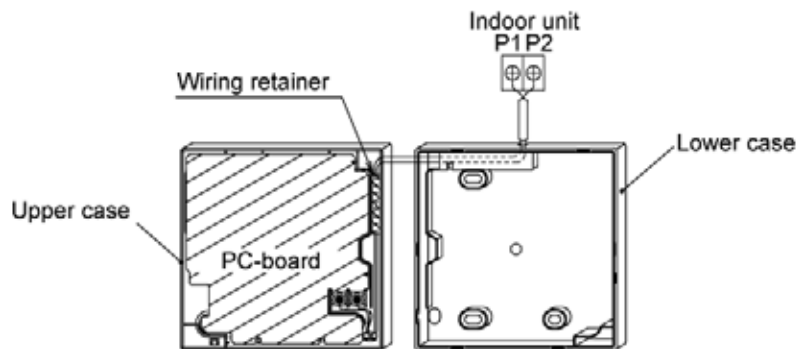
3-5-2 Left outlet



3-5-3 Top left outlet



3-5-4 Top center outlet



⚠ NOTE

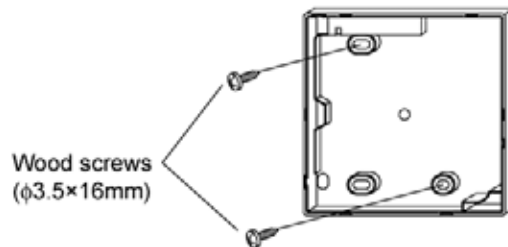
- To prevent electrical noise and possible communication errors, avoid installing the remote controller cabling parallel to or in the vicinity of line voltage circuits.

3-6 Installation procedure for the lower case.

When wiring the remote controller through the top center or rear access points, attachment of the cable to the lower case is required before it is wall mounted. Closely follow the wiring procedures.

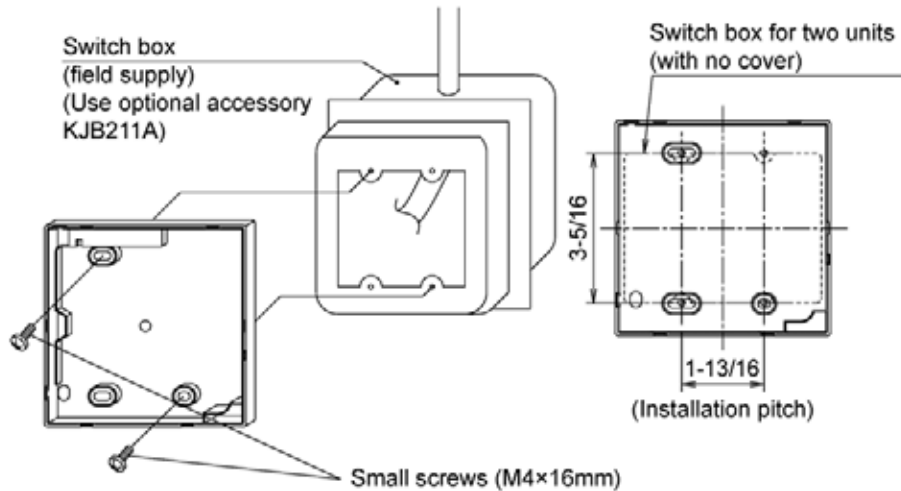
3-6-1 Wall installatoin

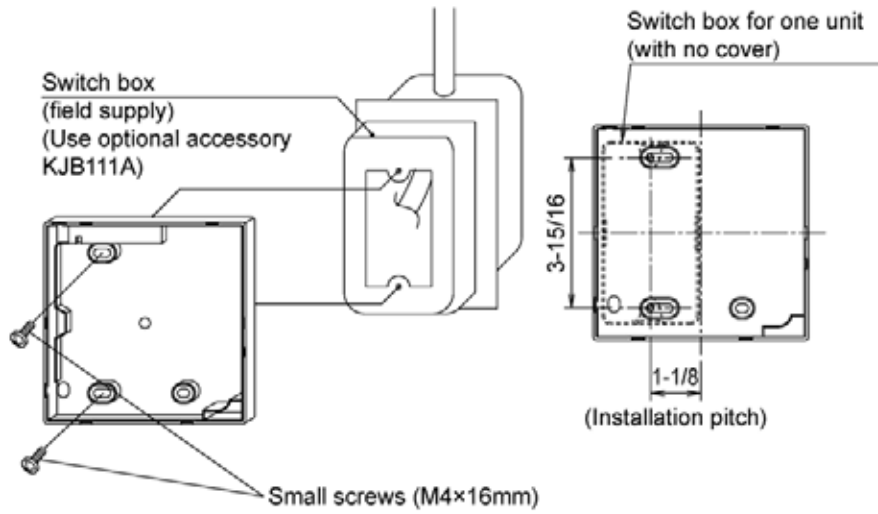
Secure by using attached wood screws (2 pcs.).



3-6-2 Switch box installation

Secure by using attached small screws (2 pcs.).



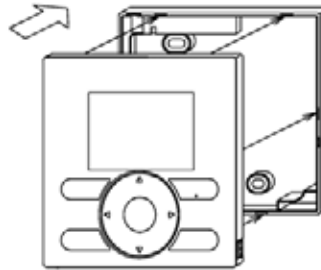


NOTE

- Install the control on a flat surface only.
- To prevent deformation of the lower case, avoid over-tightening the installation screws.

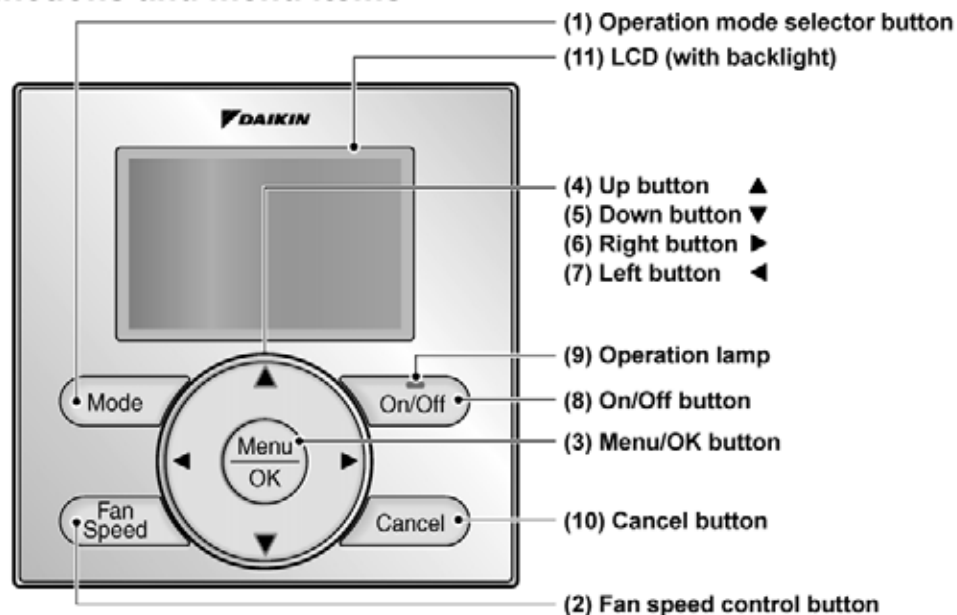
3-7 Install the upper case.

- Align the upper case with tabs of the lower case (6 points), insert and install the upper case.
- Install the wiring with care to prevent pinching.
- Peel off the protective membrane which overlays the upper case.



4. Functions and menu items of remote controller buttons

4-1 Functions and menu items



(1) Operation mode selector button
Used to change the mode.

(2) Fan speed control button
Used to change the fan control.

(3) Menu/OK button

- Used to indicate the main menu.
(For details of the main menu, see the operation manual.)
- Used to enter the item selected.

Main Menu

Air Flow Direction
Ventilation
Schedule
Off Timer
Celsius / Fahrenheit
Maintenance Information
Configuration
Current Settings
Clock & Calendar
Daylight Saving Time
Language

*Depending on connected model

(4) Up button ▲

- Used to raise the setpoint temperature.
- The previous menu items will be highlighted.
(The highlighted items will be scrolled continuously when the button is pressed continuously.)
- Used to change the selected item.

(5) Down button ▼

- Used to lower the setpoint temperature.
- Items below the currently selected item will be highlighted.
(The highlighted items will be scrolled continuously when the button is pressed continuously.)
- Used to change the selected item.

(6) Right button ►

- Used to highlight items to the right of the currently selected item.
- Display contents are changed to next screen per page.

(7) Left button ◀

- Used to highlight items to the left of the currently selected item.
- Display contents are changed to previous screen per page.

(8) On/Off button

Press once to operate, and press once again to stop.

(9) Operation lamp

Green lamp lights up during operation. The lamp will blink if an malfunction occurs.

(10) Cancel button

- Used to return to the previous screen.
- Press and hold this button for 4 seconds or longer to display service settings menu.

(11) LCD (with backlight)

The backlight will illuminate for approximately 30 seconds by pressing any operation button.

Service Settings menu

- Test Operation
- Maintenance Contact
- Field Settings
- Energy Saving Options
- Prohibit Buttons
- Min Setpoints Differential
- Outdoor unit AirNet Address
- Error History
- Indoor Unit Status
- Outdoor Unit Status
- Forced Fan ON
- Switch Main Sub Controller
- Filter Indicator
- Brush/Filter Ind.
- Disable Filter Auto Clean

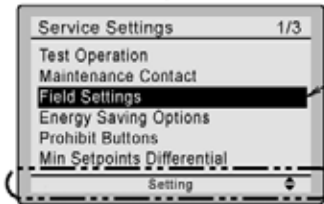
*Depending on connected model

⚠ NOTE

- Operate the button while the backlight is illuminated.
- When one indoor unit is controlled by two remote controllers (main / sub) only the first controller to be accessed by the user will illuminate it's backlight.

4-2 Button menu display descriptions

<Service Settings menu screen>



Highlighted display (selected items)

In the highlighted display (selected items) setting screen, button operation descriptions are displayed.

5. Power-on

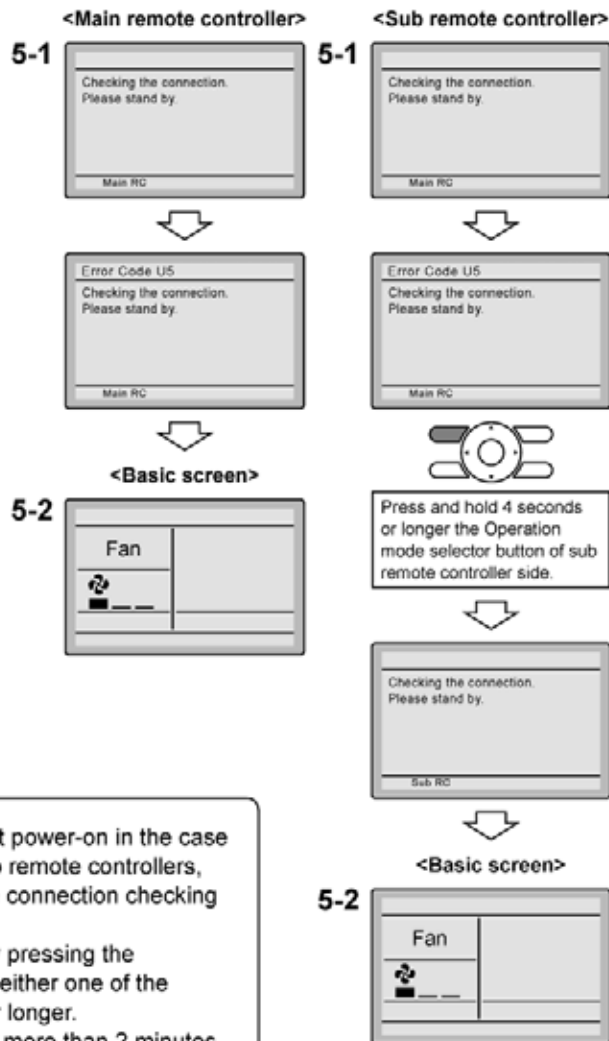
- Check for completion of indoor/outdoor unit wiring.
- Ensure that covers have been replaced on electrical component boxes for both indoor and outdoor units prior to restoring power.

5-1 The following are displayed after power-on.
 "Checking the connection.
 Please stand by."

During above display, the backlight will not be available.

When 1 indoor unit is controlled by 2 remote controllers:

Be sure to set sub remote controller during above display. Press and hold 4 seconds or longer the Operation mode selector button of the remote controller to be set. When the display is changed from main remote controller to sub remote controller, the setting is completed.



5-2 Basic screen is displayed.

NOTE

If sub remote controller is not set at power-on in the case of one indoor unit controlled by two remote controllers, "Error code: U5" is displayed in the connection checking screen. Select the sub remote controller by pressing the Operation mode selector button of either one of the remote controllers for 4 seconds or longer. If the basic screen is not displayed more than 2 minutes after "Sub RC" display, shut off the power supply and check the wiring.

NOTE

When selecting a different language, refer to **12. Language.**
 (See page 21.)

6. Field Settings

6-1 Press and hold Cancel button for 4 seconds or longer. Service settings menu is displayed.

6-2 Select **Field Settings** in the Service Settings menu, and press Menu/OK button. Field settings screen is displayed.

6-3 Highlight the mode, and select desired "Mode No." by using ▲▼ (Up/Down) button.

6-4 In the case of setting per indoor unit during group control (When Mode No. such as **20**, **21**, **22**, **23**, **25** are selected), highlight the unit No. and select "Indoor unit No." to be set by using ▲▼ (Up/Down) button. (In the case of group total setting, this operation is not needed.)

[In the case of individual setting per indoor unit, current settings are displayed. And, SECOND CODE NO. " - " means no function.

6-5 Highlight SECOND CODE NO. of the FIRST CODE NO. to be changed, and select desired "SECOND CODE NO." by using ▲▼ (Up/Down) button. Multiple identical mode number settings are available.

[In case of setting for all indoor units in the remote control group, available SECOND CODE NO. is displayed as " * " which means it can be changed. When SECOND CODE NO. is displayed as " - ", there is no function.



Press and hold Cancel button for 4 seconds or longer during backlight lit.



Press Menu/OK button.

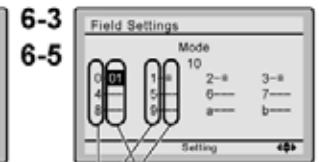


<Service Settings screen>

In the case of individual setting per indoor unit

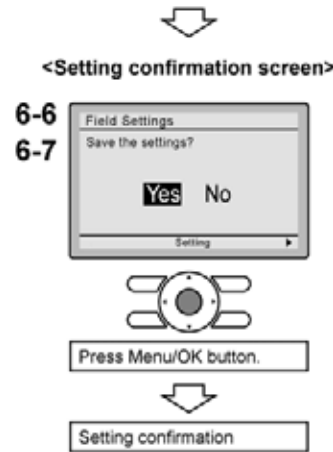


In the case of group total setting



Press Menu/OK button.

- 6-6** Press Menu/OK button. Setting confirmation screen is displayed.
- 6-7** Select **Yes** and press Menu/OK button. Setting details are determined and field settings screen returns.
- 6-8** In the case of multiple setting changes, repeat "6-3" to "6-7".
- 6-9** After all setting changes are completed, press Cancel button twice.
- 6-10** Backlight goes out, and "Checking the connection. Please stand by." is displayed for initialization. After the initialization, the basic screen returns.



NOTE

- Installation of optional accessories on the indoor unit may require changes to field settings. See the manual of the optional accessory.
- For field setting details related to the indoor unit, see installation manual shipped with the indoor unit.

Mode No. (Note 1)	First Code No.	Description	Second Code No. (Note 2) (Items in bold are factory default settings)			
			01	02	03	04
10 (20)	2	Priority of thermistor sensors for space temperature control	The return air thermistor is primary and the remote controller thermistor is secondary.	The remote controller thermistor is not utilized. Only the return air thermistor will be utilized.	Only the remote controller thermistor will be utilized.	_____
	5	Room temperature value reported to multizone controllers	Return air thermistor	Thermistor designated by 10-2 above (Note 3)	_____	_____
12 (22)	2	Thermo-on/off deadband (Note 4)	2F (1C)	1F (0.5C)	_____	_____
1c	1	Thermistor sensor for auto changeover and setback control by the remote controller	Utilize the return air thermistor	Utilize the remote controller thermistor	_____	_____
	3	Access permission level setting	Level 2	Level 3	_____	_____
1e	2	Setback availability	N/A	Heat only	Cool only	Cool/Heat

- Notes) 1. Field settings are normally applied to the entire remote control group, however if individual indoor units in the remote control group require specific settings or for confirmation that settings have been established, utilize the mode number in parenthesis.
2. Any features not supported by the installed indoor unit will not be displayed.
3. When mode 10-2-01 is selected, only the return air temperature value is reported to the multizone controller.
4. The actual default deadband value will depend upon the indoor unit model.

7. Test Operation

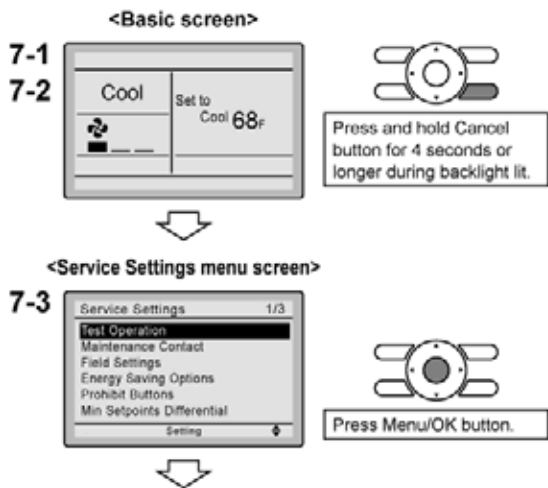
Also see installation manuals attached to the indoor unit and the outdoor unit.

- Check that wiring work of the indoor unit and the outdoor unit is completed.
- Ensure that covers have been replaced on electrical component boxes for both indoor and outdoor units prior to restoring power.
- After refrigerant piping, drain piping and electric wiring are completed, clean inside of the indoor unit and decorative panel.
- Perform the test operation according to following procedure.
- To protect the compressor, apply power to the outdoor unit at least 6 hours prior to test operation.

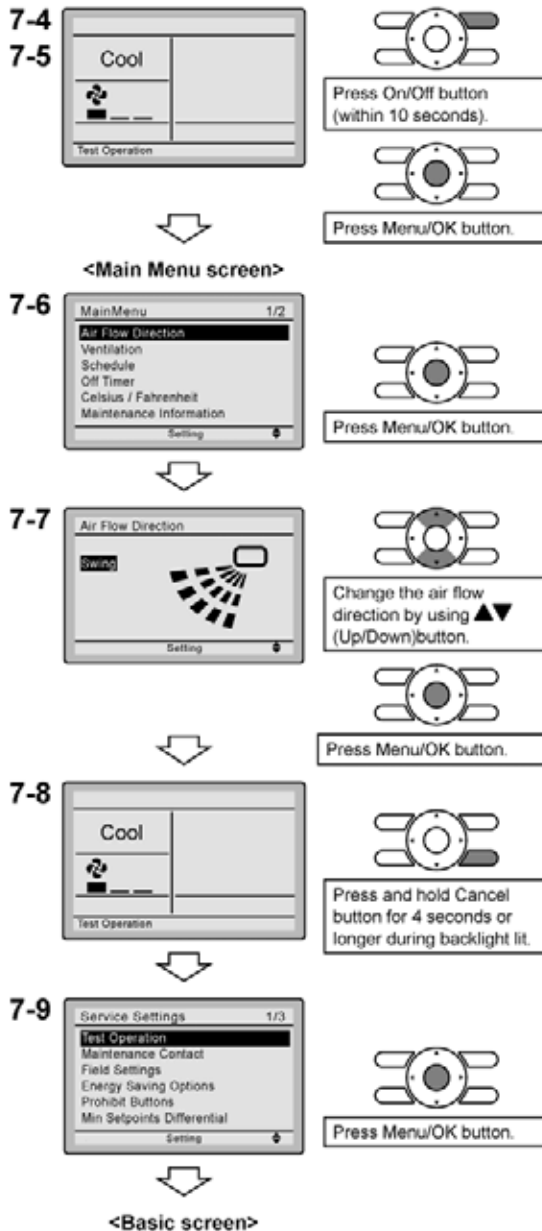
- 7-1** Set the operation mode to cooling by using the remote controller.
- 7-2** Press and hold Cancel button for 4 seconds or longer. Service settings menu is displayed.
- 7-3** Select **Test Operation** in the service settings menu, and press Menu/OK button. Basic screen returns and "Test Operation" is displayed at the button.

Notes for backlight

- The backlight will illuminate for 30 seconds by pressing any button.
- The initial push of the button will only illuminate the backlight. While the backlight is illuminated, the buttons assigned functionality will be available.



- 7-4** Press On/Off button within 10 seconds, and the test operation starts. Monitor the operation of the indoor unit for a minimum of 10 minutes. During test operation, the indoor unit will continue to cool regardless of the temperature setpoint and room temperature.
- * Note) In the case of above-mentioned procedures 7-3 and 7-4 in reverse order, test operation can start as well.
- 7-5** Press Menu/OK button in the basic screen. Main menu is displayed.
- 7-6** In the case of a model having air flow direction function, select **Air Flow Direction** in the main menu and check that air flow direction is actuated according to the setting. For operation of air flow direction setting, see the operation manual.
- 7-7** After the operation of air flow direction is confirmed, press Menu/OK button. Basic screen returns.
- 7-8** Press and hold Cancel button for 4 seconds or longer in the basic screen. Service settings menu is displayed.
- 7-9** Select **Test Operation** in the service settings menu, and press Menu/OK button. Basic screen returns and normal operation is conducted.
- * Note) The test operation will automatically finish in 30 minutes.
- 7-10** Check the functions according to the operation manual.
- 7-11** When the decorative panel is not installed, shut off the power supply after the test operation finishes.
- If construction activities are planned within the space following the test operation procedure, recommend to the customer that the air conditioner is not operated to prevent contamination from paints, drywall dust and other air borne materials.



NOTE

- If operation is not possible due to a malfunction, refer to following **Failure diagnosis method**.
- After the test operation finishes, check that error code history is not displayed in the Maintenance Information screen of the main menu according to the following procedure.

7-12 Press Menu/OK button in the basic screen. Main menu screen is displayed.

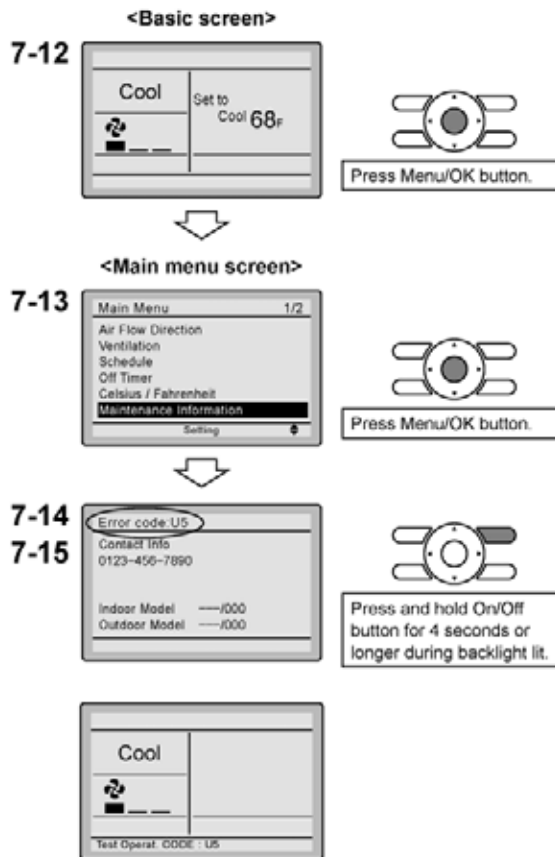
7-13 Select **Maintenance Information** in the main menu, and press Menu/OK button.

7-14 Maintenance Information screen is displayed. Check that error code history is not displayed in the screen.
 * If no error code history is displayed following this procedure the system has normally completed the test operation mode.

7-15 If the error code history is displayed, conduct the failure diagnosis referring to <Error code list> in the installation manual of the indoor unit. After the failure diagnosis finishes, press and hold On/Off button for 4 seconds or longer in the "Maintenance Information" screen to erase the error code history.

Failure diagnosis method

- Whenever the remote controller display is blank or displays "Checking the connection. Please stand by", troubleshoot the system per the items in the Description column of the following table.
- If an error occurs, "code" is displayed in the LCD as shown to the right. Conduct the failure analysis referring to "Error code list" in the installation manual of the indoor unit. When the unit No. which detected the error during group control is confirmed, refer to "**8. Procedure for Checking Error History**".



Remote controller display	Description
No display	<ul style="list-style-type: none"> • Power outage, power voltage error or open-phase • Incorrect wiring (between indoor and outdoor units) • Indoor PC-board assembly failure • Remote controller wiring not connected • Remote controller failure • Open fuse or tripped circuit breaker (outdoor unit)
"Checking the connection. Please stand by."*	<ul style="list-style-type: none"> • Indoor PC-board assembly failure • Wrong wiring (between indoor and outdoor units)

* "Checking the connection. Please stand by" will be displayed for up to 90 seconds following the application of power to the indoor unit. This is normal and does not indicate a malfunction.

8. Procedure for Checking Error History

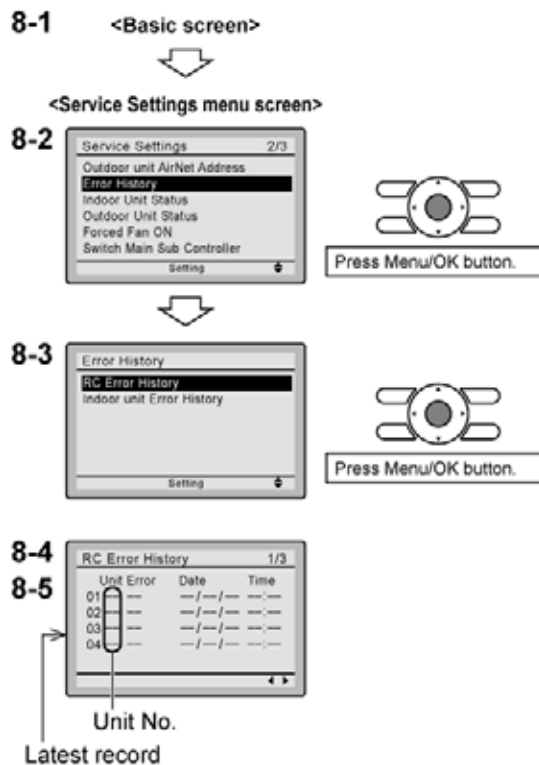
8-1 Press and hold Cancel button for 4 seconds or longer in the basic screen. Service settings menu is displayed.

8-2 Select **Error History** in the service settings menu, and press Menu/OK button. The error history menu screen is displayed.

8-3 Select **RC Error History** in the error history menu, and press Menu/OK button. Error codes and unit No. can be confirmed in the RC error history screen.

8-4 In the error history, the 10 most recent items are displayed in order of occurrence.

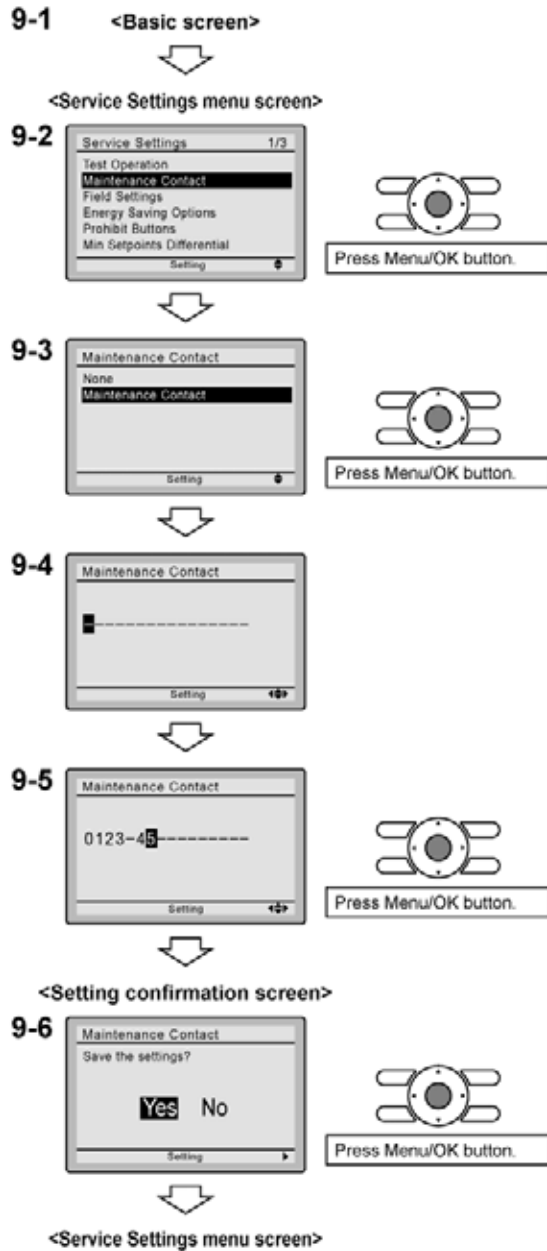
8-5 Press Cancel button in the RC error history screen 3 times. The basic screen returns.



9. Entering Maintenance Contact Information

- Registration of the maintenance contact.

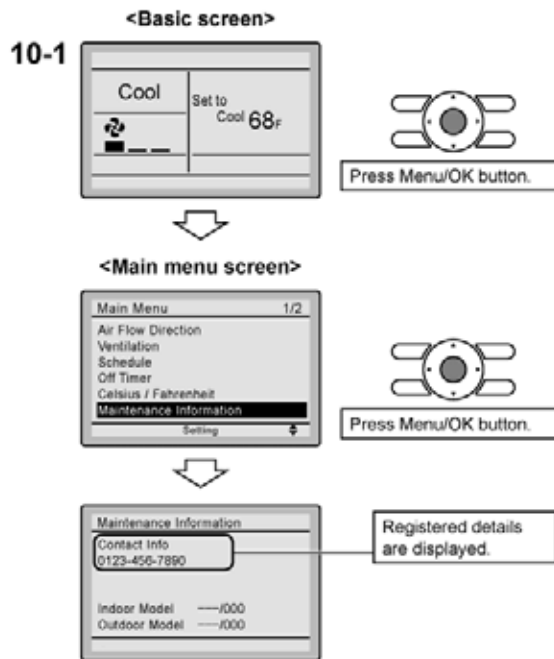
- 9-1** Press and hold Cancel button for 4 seconds or longer in the basic screen.
Service settings menu is displayed.
- 9-2** Select **Maintenance Contact** in the service settings menu, and press Menu/OK button. "Maintenance Contact" menu screen is displayed.
- 9-3** Select **Maintenance Contact**, and press Menu/OK button.
- 9-4** Enter the telephone number.
Scroll through the numbers by using ▲▼ (Up/Down) buttons. Start from the left side. Blank digits should remain as " _ ".
- 9-5** Press Menu/OK button.
Setting confirmation screen is displayed.
- 9-6** Select **Yes** and press Menu/OK button.
Setting details are determined and service settings menu screen returns.
- 9-7** Press Cancel button once.
The basic screen returns.



10. Confirmation registered details

10-1 Press Menu/OK button in the basic screen.
Main menu is displayed.
Select **Maintenance Information** in the main menu, and press Menu/OK button.

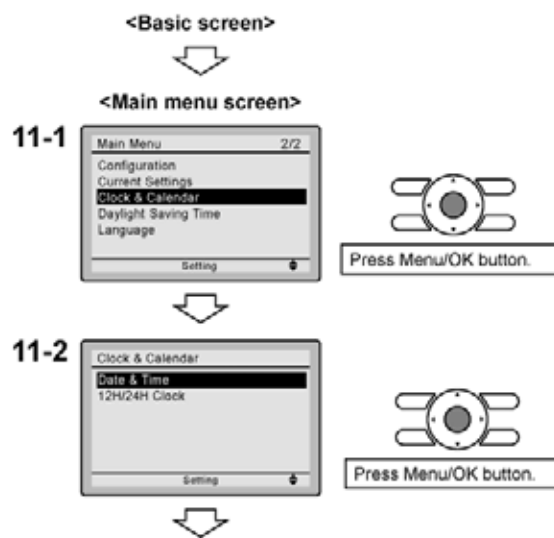
10-2 Press Cancel button twice.
The basic screen returns.



11. Clock & Calendar

11-1 Press Menu/OK button in the basic screen.
Main menu is displayed.
Select **Clock & Calendar** in the main menu, press Menu/OK button.

11-2 Press ▲▼ buttons to select "Date & Time" on the clock & calendar screen.
* The date & time screen will appear when the Menu/OK button is pressed.

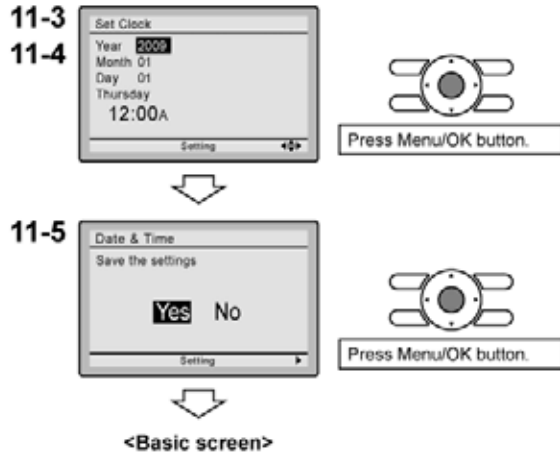


11-3 Select "year", "month", "day" and "time" by using ◀▶ (Left/Right) button and set by using ▲▼ (Up/Down) button in the Date & Time screen. Press and hold the button for continuous change of the numeric value.
 * Day of the week is set automatically.

11-4 Press Menu/OK button.
 Setting confirmation screen is displayed.

11-5 Select **Yes** and press Menu/OK button.
 Setting details are confirmed and basic screen returns.

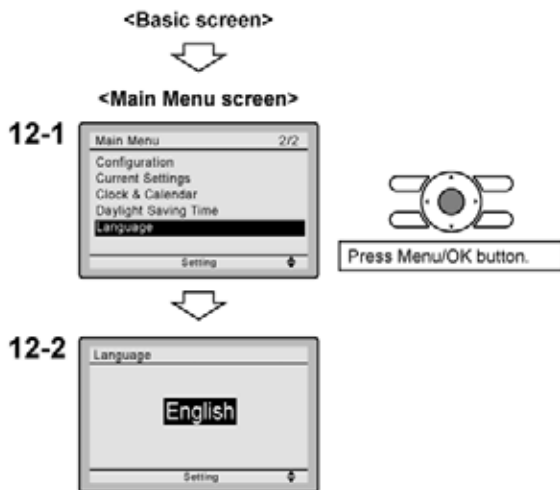
* If duration of power outage exceeds 48 hours, reset is needed.



12. Language

12-1 Press Menu/OK button in the basic screen.
 Main menu is displayed.
 Select **Language** in the main menu, press Menu/OK button.

12-2 Press ▲▼ (Up/Down) buttons to select "Language" on the language screen.
 English/Français/Español
 Pressing Menu/OK button.
 Setting details are confirmed and basic screen returns.



2.4 <BRC7E830> Wireless Remote Controller

CONTENTS

1. SAFETY CONSIDERATIONS	1
2. BEFORE INSTALLATION.....	2
3. REMOTE CONTROLLER INSTALLATION.....	2
4. RECEIVER INSTALLATION.....	3
5. FIELD SETTING	7
6. TEST RUN	9

1. SAFETY CONSIDERATIONS

Please read these "SAFETY CONSIDERATIONS" carefully before installing air conditioning equipment and be sure to install it correctly. After completing the installation, make sure that the unit operates properly during the test run. Please instruct the customer on how to operate the unit and keep it maintained.

Also, inform customers that they should store this installation manual along with the operation manual for future reference. This air conditioner comes under the term "appliances not accessible to the general public".

Meaning of warning, caution and note symbols.

⚠ WARNING Indication a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION Indication a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

⚠ NOTE Indication situation that may result in equipment or property-damage-only accidents.

⚠ WARNING

- **Perform installation work in accordance with this installation manual.**
Improper installation may result in electric shocks or fire.
 - **Be sure to use only the specified accessories and parts for installation work.**
Failure to use the specified parts may result in, electric shocks, fire or the unit falling.
 - **Before touching electrical parts, turn off the unit.**
 - **Do not touch the switch with wet fingers.**
Touching a switch with wet fingers can cause electric shock.
-

⚠ CAUTION


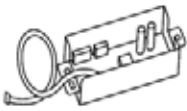








- **Refer also to the installation manuals attached to the indoor unit and the decoration panel.**
 - **Confirm that the following conditions are satisfied prior to installation.**
Ensure that nothing interrupts the operation of the wireless remote controller. (Ensure that there is neither a source of light nor fluorescent lamp near the receiver. Also, ensure that the receiver is not exposed of direct sunlight.)
Ensure that the operation display lamp and other indicators are easy to see.
 - **The installation position of this receiver is one corner of the decoration panel. Therefore, confirm that its position is set so that the signal from the wireless remote controller can be easily transmitted and its display can be easily seen.**
-

- If both this kit and fresh air intake kit are installed, only one duct chamber shall be used. Refer to the installation manual of the fresh air intake kit.

2. BEFORE INSTALLATION

2-1 ACCESSORIES

Check if the following accessories are included with your unit.

Name	Receiver	Transmitter board	Tapping screw for transmitter board	Wireless remote controller	Remote controller holder
Quantity	1 set.	1 pc.	2 pcs.	1 pc.	1 pc.
Shape					
Name	Dry cell battery LR03 (AAA)	Unit No. label	Screw for installing remote controller holder	Operation manual Installation manual	Clamp
Quantity	2 pcs.	1 pc.	2 pcs.	1 each	1 pc.
Shape					

2-2 NOTE TO THE INSTALLER

- Be sure to instruct the customer how to properly operate the system showing him/her the attached operation manual.

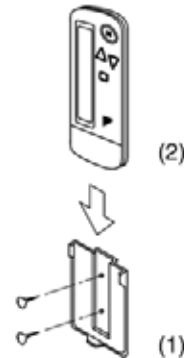
3. REMOTE CONTROLLER INSTALLATION

<Installing wireless remote controller>

- Do not throw the remote controller or impose large shocks. Also, do not store where it may be exposed to moisture or direct sunlight.
- When operating, point the transmitting part of the remote controller in the direction of the receiver.
- The direct transmitting distance of the remote controller is approximately 23 ft.
- The signal cannot be transmitted if something such as curtains blocks the receiver and the remote controller.

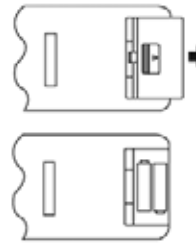
• Installing to a wall or a pillar

- (1) Fix the remote controller holder with the screws.
- (2) Slide the remote controller into the remote controller holder from the top.



• **How to insert the batteries**

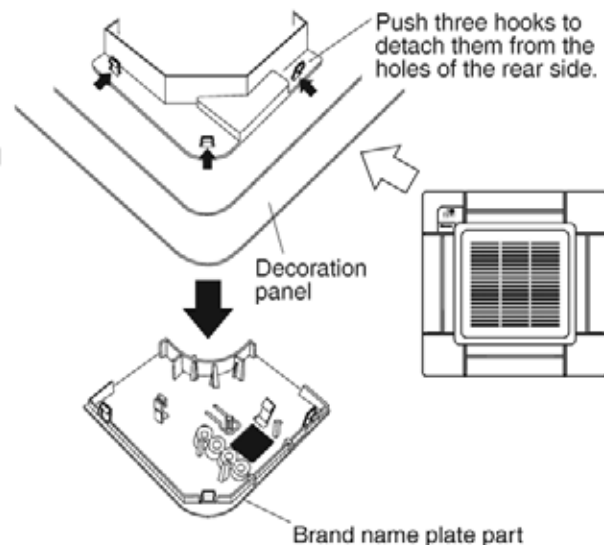
1. Open the back cover of the remote controller by sliding it in the direction of the arrow.
2. Insert the attached dry cell batteries. Properly insert, set the batteries by matching the (+) and (-) polarity marks as indicated. Then close the cover as before.



4. RECEIVER INSTALLATION

(1) **Preparations before installation**

1. Detach the brand name plate part of the decoration corner panel piece, before attaching the decoration panel. This part is not needed hereafter.
2. Next, remove the suction grille and the air filter according to the instructions in the installation manual attached to the decoration panel.
3. Remove the control box cover according to the instructions in the installation manual attached to the indoor unit.
(Be sure to turn off power, before removing the control box cover.)



(2) **Determination of address and MAIN/SUB remote controller.**

If setting multiple wireless remote controllers to operate in one room, perform address setting for the receiver and the wireless remote controller.
If setting multiple wired remote controllers in one room, change the MAIN/SUB switch of the receiver.

SETTING PROCEDURE

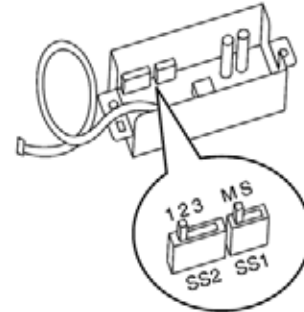
1. Setting the receiver

Set the wireless address switch (SS2) on the transmitter board according to the table below.

Unit No.	No. 1	No. 2	No. 3
Wireless address switch (SS2)			

When using both a wired and a wireless remote controller for 1 indoor unit, the wired controller should be set to MAIN. Therefore, set the MAIN/SUB switch (SS1) of the transmitter board to SUB.

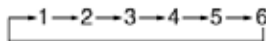
	MAIN	SUB
MAIN/SUB switch (SS1)		



2. Setting the address of wireless remote controller (It is factory set to "1")

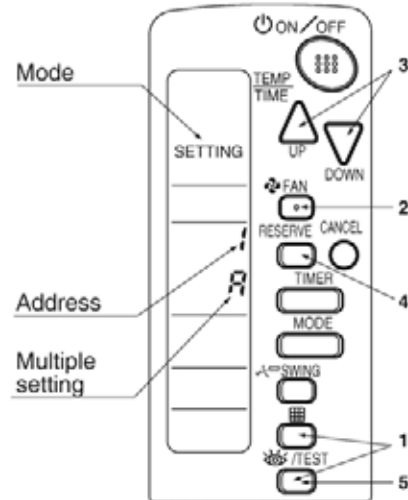
<Setting from the remote controller>

1. Hold down the button and the button for at least 4 seconds to get the Field Set mode. (Indicated in the display area in the figure at right.)
2. Press the button and select a multiple setting (A/b). Each time the button is pressed the display switches between "A" and "b".
3. Press the "UP" button and "DOWN" button to set the address.



Address can be set from 1 to 6, but set it to 1 – 3 and to same address as the receiver. (The receiver does not work with address 4 – 6.)

4. Press the button to enter the setting.
5. Hold down the button for at least 1 second to quit the Field Set mode and return to the normal display.



— Multiple settings A/b

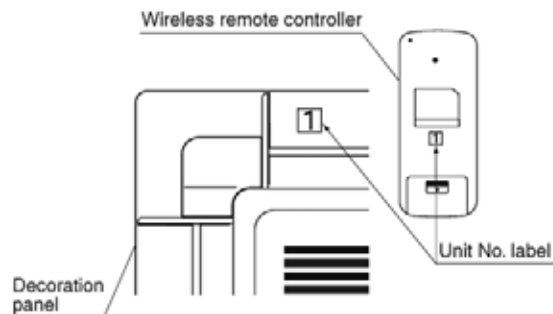
When the indoor unit is operated by outside control (central remote controller, etc.), it sometimes does not respond to ON/OFF and temperature setting commands from this remote controller. Check what setting the customer wants and make the multiple setting as shown below.

Remote controller		Movement when the operation is controlled by the other air conditioners and equipment
Multiple setting	Remote controller display	
A: Standard	All items displayed.	When operation changeover, temperature setting or the like is carried out from the remote controller, the indoor unit rejects the instruction. (Signal receiving sound "peeh" or "pick-pick-pick") As a result, a discrepancy between the operation state of the indoor unit and the indication of the remote controller display occurs.
b: Multi System	Operations remain displayed shortly after execution.	Since the indication of the remote controller is turned off, no discrepancy such as mentioned above occurs.

3. Stick the Unit No. label on the air outlet of the decoration panel and the back of the wireless remote controller.

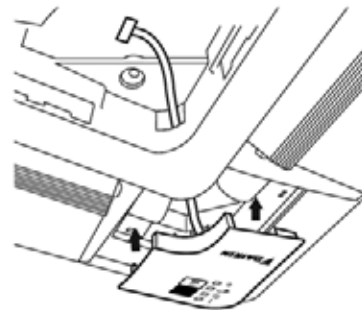
[PRECAUTIONS]

Set the Unit No. of the receiver and the wireless remote controller to be equal. If the settings differ, the signal from the remote controller cannot be transmitted.



(3) Receiver installation

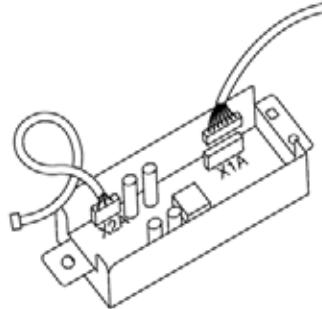
1. As shown at right, pass the harness from the receiver through the wiring hole of the decoration panel. Then, attach the receiver to the decoration panel.



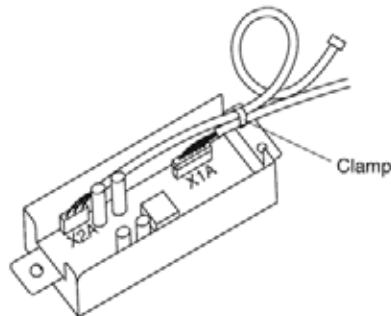
2. Hook the harness from the receiver on the upper part of the panel temporary suspension of the decoration panel. Be sure to push the harness to the groove.



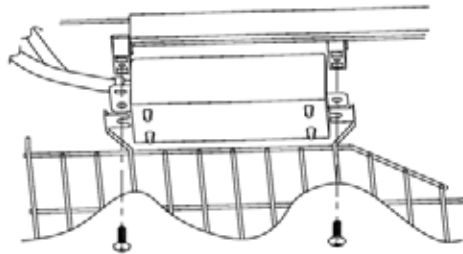
3. Attach the decoration panel to the indoor unit.
(Refer to the installation manual attached to the decoration panel.)
4. Connect the harness from the receiver to the connector X1A on the transmitter board.



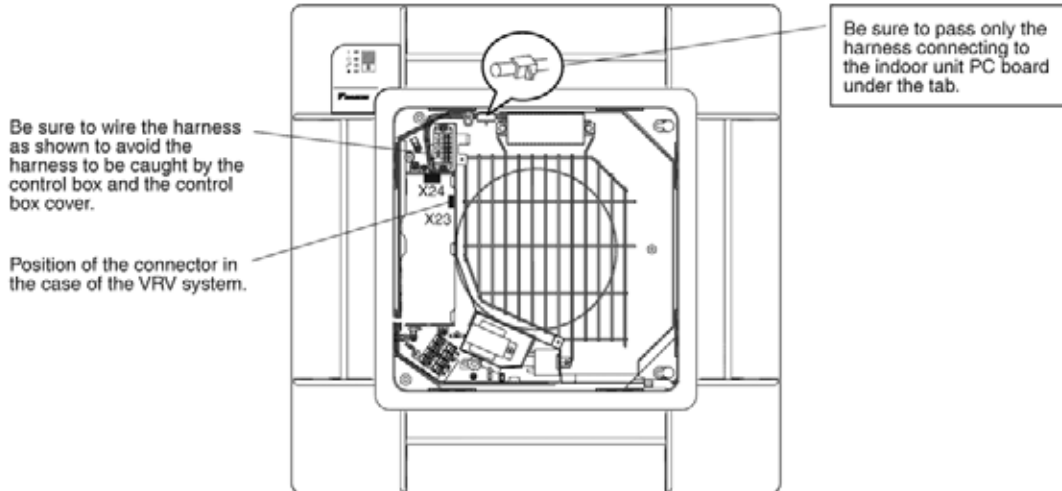
After connecting, use the attached clamp to fix the two harnesses to the transmitter board box.



5. Use two tapping screws to attach the transmitter board to the indoor unit, as shown in the figure.



6. Connect the harness from the transmitter board to the connector X23 or X24 on the indoor unit PC board.

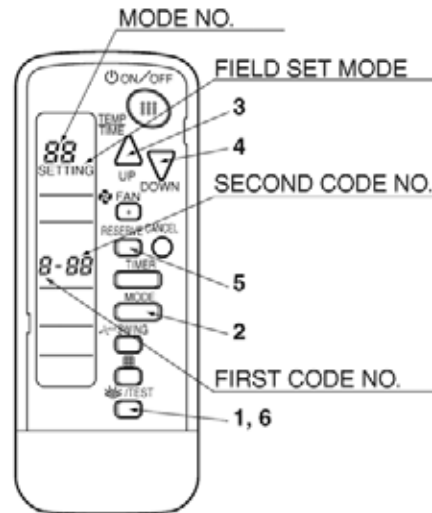


5. FIELD SETTING

If optional accessories are mounted on the indoor unit, the indoor unit setting may have to be changed. Refer to the installation manual for each optional accessory.

Procedure

1. When in the normal mode, press the **TEST** button for a minimum of four seconds, and the FIELD SET MODE is entered.
2. Select the desired MODE NO. with the **MODE** button.
3. Push the "▲" button and select the FIRST CODE NO.
4. Push the "▼" button and select the SECOND CODE NO.
5. Push the **RESERVE** button and the present settings are SET.
6. Push the **TEST** button to return to the normal mode.



(Example)

If the time to clean air filter is set to "Filter Contamination-Heavy", set Mode No. to "10", FIRST CODE NO. to "0", and SECOND CODE NO. to "02".

MODE NO.	FIRST CODE NO.	DESCRIPTION OF SETTING	SECOND CODE NO. NOTE)			
			01	02	03	
10	0	Filter Contamination-Heavy/Light (Setting for spacing time of display time to clean air filter) (Setting for when filter contamination is heavy, and spacing time of display time to clean air filter is to be halved)	Long-life type	light approx. 2,500 hours	heavy approx. 1,250 hours	-
	3	Spacing time of display time to clean air filter count (Setting for when the filter sign is not to be displayed)		Display	Do not display	-
12 (VRV system)	1	ON/OFF input from outside (Set to enable starting/stopping from remote.)		Forced OFF input	ON/OFF	-
	2	Thermostat differential changeover (Set when using remote controller thermostat sensor.)		1°F	0.5°F	-
13	1	Selection of Air Flow Direction (Setting for when a sealing member of air discharge outlet kit has been installed)		F	T	W
	4	Air Flow Direction Range Setting		Upper	Normal	Lower

NOTE 

- The SECOND CODE NO. is factory set to "01". However, for the following cases it is set to "02".
 - Air Flow Direction Range Setting

Do not use any settings not listed in the table.





For group control with a wireless remote controller, initial settings for all the indoor units of the group are equal. (For group control, refer to the installation manual attached to the indoor unit for group control.)

6. TEST RUN

- Perform test run according to the instructions in the installation manual attached to the indoor unit.
- After refrigerant piping, drain piping, and electric wiring, operate according to the table to protect the unit.

[PRECAUTIONS]

1. Refer to malfunction code of installation manual attached to the indoor unit, if it does not operate.
2. Refer to the installation manual attached to the outdoor unit for individual operation system types.

Order	Operation
(1)	Open gas side stop valve.
(2)	Open liquid side stop valve.
(3)	Electrify for 6 hours.
(4)	Set to cooling with the remote controller and push  button to start operation.
(5)	Push  button twice and operate in TEST RUN mode for 3 minutes.
(6)	Push  button and confirm its operation.
(7)	Push  button and operate normally.
(8)	Confirm its function according to the operation manual.

3. Outdoor Unit

3.1 2MXS18NMVJU, 3MXS24NMVJU, 4MXS36NMVJU

Contents

Safety Considerations	1	4. Pressure test and evacuating system.....	9
Accessories	3	5. Refilling refrigerant	10
Precautions for Selecting the Location	3	6. Charging with refrigerant	10
Precautions on Installation	4	7. Refrigerant piping work	11
Outdoor Unit Installation Drawings	4	8. Flaring the pipe end.....	11
Connections (connection port)	5	Wiring	12
How to Use Reducers	6	Priority Room Setting	14
Installation Guidelines	7	Night Quiet Mode setting	15
Selecting a Location for Installation of the Indoor Units	7	COOL/ HEAT mode lock <S15>	15
Outdoor Unit Installation	8	Pump Down Operation	16
1. Installing the outdoor unit	8	Trial Operation and Testing	17
2. Drain work	8	1. Wiring error check	17
3. Refrigerant Piping.....	8	2. Trial operation and testing	18
		3. Test items	18

Safety Considerations

- Read these **Safety Considerations** carefully to ensure correct installation.
- This manual classifies the precautions into **DANGER**, **WARNING** and **CAUTION**. Be sure to follow all the precautions below; they are all important for ensuring safety.

⚠ DANGER Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

⚠ WARNING Failure to follow any of **WARNING** is likely to result in such grave consequences as death or serious injury.

⚠ CAUTION Failure to follow any of **CAUTION** may in some cases result in grave consequences.

- After completing installation, test the unit to check for installation errors. Give the user adequate instructions concerning the use and cleaning of the unit according to the Operation Manual.

⚠ DANGER

- Refrigerant gas is heavier than air and replaces oxygen. A massive leak could lead to oxygen depletion, especially in basements, and an asphyxiation hazard could occur leading to serious injury or death.
- If the refrigerant gas leaks during installation, ventilate the area immediately. Refrigerant gas may produce a toxic gas if it comes in contact with fire such as from a fan heater, stove or cooking device. Exposure to this gas could cause severe injury or death.
- After completing the installation work, check that the refrigerant gas does not leak. Refrigerant gas may produce a toxic gas if it comes in contact with fire such as from a fan heater, stove or cooking device. Exposure to this gas could cause severe injury or death.
- Do not ground units to water pipes, telephone wires or lightning rods because incomplete grounding could cause a severe shock hazard resulting in severe injury or death, and to gas pipes because a gas leak could result in an explosion which could lead to severe injury or death.

- Safely dispose of the packing materials. Packing materials, such as nails and other metal or wooden parts, may cause stabs or other injuries. Tear apart and throw away plastic packaging bags so that children will not play with them. Children playing with plastic bags face the danger of death by suffocation.
- Do not install unit in an area where flammable materials are present due to risk of explosion resulting in serious injury or death.
- Do not ground units to telephone wires or lightning rods because lightning strikes could cause a severe shock hazard resulting in severe injury or death, and to gas pipes because a gas leak could result in an explosion which could lead to severe injury or death.

WARNING

- Installation shall be left to the authorized dealer or another trained professional. Improper installation may cause water leakage, electrical shock, fire, or equipment damage.
- Install the air conditioner according to the instructions given in this manual. Incomplete installation may cause water leakage, electrical shock, fire or equipment damage.
- Be sure to use the supplied or exact specified installation parts. Use of other parts may cause the unit to come to fall, water leakage, electrical shock, fire or equipment damage.
- Install the air conditioner on a solid base that is level and can support the weight of the unit. An inadequate base or incomplete installation may cause injury or equipment damage in the event the unit falls off the base or comes loose.
- Electrical work shall be carried out in accordance with the installation manual and the national, state and local electrical wiring codes. Insufficient capacity or incomplete electrical work may cause electrical shock, fire or equipment damage.
- Be sure to use a dedicated power circuit. Never use a power supply shared by another appliance. Follow all appropriate electrical codes.
- For wiring, use a wire or cable long enough to cover the entire distance with no splices if possible. Do not use an extension cord. Do not put other loads on the power supply. Use only a separate dedicated power circuit. (Failure to do so may cause abnormal heat, electric shock, fire or equipment damage.)
- Use the specified types of wires for electrical connections between the indoor and outdoor units. Follow all state and local electrical codes. Firmly clamp the inter-unit wire so their terminals receive no external stresses. Incomplete connections or clamping may cause terminal overheating, fire or equipment damage.





- After connecting all wires be sure to shape the cables so that they do not put undue stress on the electrical covers, panels or terminals. Install covers over the wires. Incomplete cover installation may cause terminal overheating, electrical shock, fire or equipment damage.
- When installing or relocating the system, be sure to keep the refrigerant circuit free from all substances other than the specified refrigerant (R410A), such as air. (Any presence of air or other foreign substance in the refrigerant circuit causes an abnormal pressure rise which may result in rupture, resulting in injury.)
- During pump down, stop the compressor before removing the refrigerant piping. If the compressor is still running and the stop valve is open during pump down, air will be sucked in when the refrigerant piping is removed, causing abnormally high pressure which could lead to equipment damage or and personal injury.
- During installation, attach the refrigerant piping securely before running the compressor. If the refrigerant pipes are not attached and the stop valve is open during installation, air will be sucked in when the compressor is run, causing abnormally high pressure which could lead to equipment damage and personal injury.
- Be sure to install a ground fault circuit interrupter. Failure to install a ground fault circuit interrupter may result in electrically shocks, or fire personal injury.

CAUTION

- Do not install the air conditioner where gas leakage would be exposed to open flames. If the gas leaks and builds up around the unit, it may catch fire.
- Establish drain piping according to the instructions of this manual. Inadequate piping may cause water damage.
- Tighten the flare nut according to the specified torque. A torque wrench should be used. If the flare nut is tightened too much, the flare nut may crack over time and cause refrigerant leakage.
- Do not touch the heat exchanger fins. Improper handling may result in injury.
- Be very careful about product transportation. Some products use PP bands for packaging. Do not use any PP bands for a means of transportation. It is dangerous.
- Make sure to provide for adequate measures in order to prevent that the outdoor unit be used as a shelter by small animals. Small animals making contact with electrical parts can cause malfunctions, smoke or fire. Please instruct the customer to keep the area around the unit clean.
- The temperature of refrigerant circuit will be high, please keep the inter-unit wires away from copper pipes that are not thermally insulated.
- Electrical work must be performed in accordance with the NEC/CEC by authorized personnel only.

Accessories

Accessories supplied with the outdoor unit:

<p>(A) Installation manual</p> <p>1</p>	<p>(B) Drain socket</p>  <p>It is on the bottom packing case.</p> <p>1</p>	<p>(C) Drain cap (1)</p>  <p>6</p>
<p>(D) Drain cap (2)</p>  <p>3</p>	<p>(E) Reducer assy</p>  <p>1</p>	

Precautions for Selecting the Location

- 1) Choose a place solid enough to bear the weight and vibration of the unit, where the operating sound will not be amplified.
- 2) Choose a location where the hot air discharged from the unit or the operating sound will not cause a nuisance to the neighbors of the user.
- 3) Avoid places near a bedroom and the like, so that the operating sound will cause no trouble.
- 4) There must be sufficient spaces for carrying the unit into and out of the site.
- 5) There must be sufficient space for air passage and no obstructions around the air inlet and the air outlet.
- 6) The site must be free from the possibility of flammable gas leakage in a nearby place.
- 7) Install units, power cords, and inter-unit wires at least 10ft (3m) from television and radio sets. (This is to prevent interference to images and sounds. Noise may be experienced even if they are more than 10ft (3m) away depending on radio wave conditions.)
- 8) In coastal areas or other places with salty atmosphere or one containing sulphate gas, corrosion may shorten the life of the air conditioner.
- 9) Since water will flow from the drain of the outdoor unit, do not place under the unit anything which must be kept away from moisture.

NOTE

Cannot be installed suspended from ceiling or stacked.

CAUTION

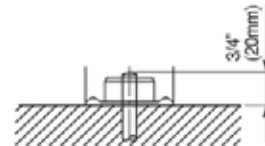
When operating the air conditioner in a low outdoor ambient temperature, be sure to follow the instructions described below.

- To prevent exposure to wind, install the outdoor unit with its suction side facing the wall.
- Never install the outdoor unit at a site where the suction side may be exposed directly to wind.
- To prevent exposure to wind, it is recommended to install a baffle plate on the air discharge side of the outdoor unit.
- In heavy snowfall areas, select an installation site where the snow will not affect the unit.



Precautions on Installation

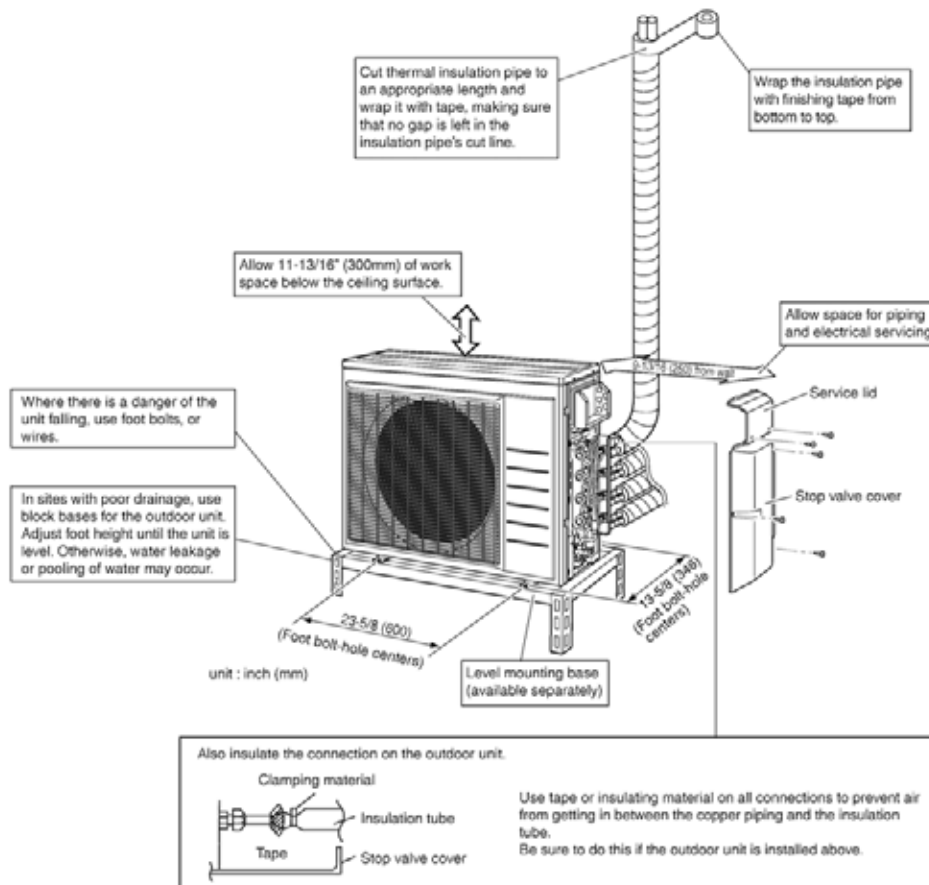
- Check the strength and level of the installation surface so that the unit does not cause any operating vibration or noise after installation.
- In accordance with the foundation drawing, fix the unit securely by means of the foundation bolts. (Prepare 4 sets of M12 foundation bolts, nuts and washers; all separately available.)
- It is best to screw in the foundation bolts until their ends are 3/4 inch (20mm) from the foundation surface.



Outdoor Unit Installation Drawings

⚠ CAUTION

- Do not connect the embedded branch piping and the outdoor unit when only carrying out piping work without connecting the indoor unit in order to add another indoor unit later. Make sure no dirt or moisture gets into either side of the embedded branch piping. Refer to "7. Refrigerant Piping Work" on page 11 for details.
- It is impossible to connect the indoor unit for one room only. **Be sure to connect at least 2 rooms.**



Connections (connection port)

Install the indoor unit according to the table below, which shows the relationship between the class of indoor unit and the corresponding port.

The total indoor unit class that can be connected to this unit:

2MXS18* – Up to 24000 Btu

3MXS24* – Up to 39000 Btu

4MXS36* – Up to 48000 Btu

The line set piping size is determined by the size of the indoor unit fittings.

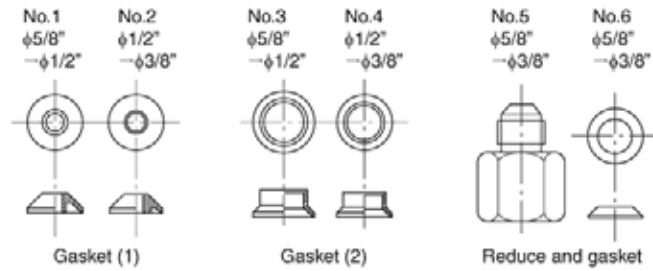
Reducers are used at the outdoor unit to accommodate the correct gas line pipe size.

Port	2MXS18*	3MXS24*	4MXS36*
A	07, 09, 12	07, 09, 12	07, 09, 12
B	⊙ ₀₇ , ⊙ ₀₉ , ⊙ ₁₂ , 15	⊙ ₀₇ , ⊙ ₀₉ , ⊙ ₁₂ , 15, 18	⊙ ₀₇ , ⊙ ₀₉ , ⊙ ₁₂ , 15, 18
C	—	⊙ ₀₇ , ⊙ ₀₉ , ⊙ ₁₂ , 15, 18	⊙ ₀₇ , ⊙ ₀₉ , ⊙ ₁₂ , 15, 18
D	—	—	△ ₀₇ , △ ₀₉ , △ ₁₂ , □ ₁₅ , □ ₁₈ , 24

- ⊙ : Use a reducer to connect pipes.
- # : Use No. 2 and 4 reducers
- △ : Use No. 5 and 6 reducers
- : Use No. 1 and 3 reducers

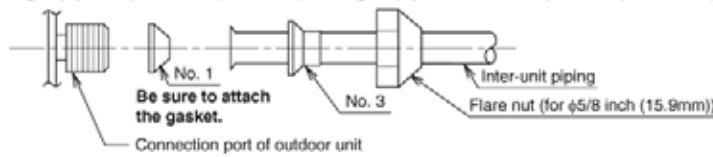
Refer to "How to Use Reducers" on page 6 for information on reducer numbers and their shapes.

How to Use Reducers

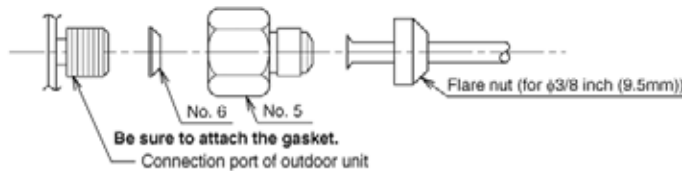


• Use the reducers supplied with the unit as described below.

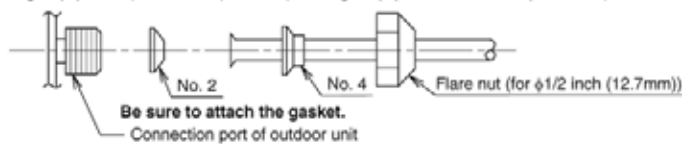
(1) Connecting a pipe of $\phi 1/2$ inch (12.7mm) to a gas pipe connection port for $\phi 5/8$ inch (15.9mm) :



(2) Connecting a pipe of $\phi 3/8$ inch (9.5mm) to a gas pipe connection port for $\phi 5/8$ inch (15.9mm) :



(3) Connecting a pipe of $\phi 3/8$ inch (9.5mm) to a gas pipe connection port for $\phi 1/2$ inch (12.7mm) :



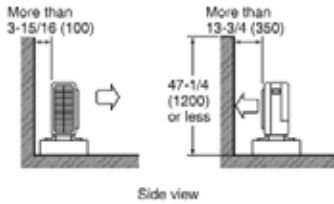
- When using the reducer packing shown above, be careful not to overtighten the nut, or the smaller pipe may be damaged.
- Apply a coat of refrigeration oil to the threaded connection port of the outdoor unit where the flare nut comes in.
- Use an appropriate wrench to avoid damaging the connection thread by overtightening the flare nut.

Flare nut tightening torque	
$\phi 3/8$ inch (9.5mm)	24-1/8 – 29-1/2ft • lbf (32.7-39.9N • m)
$\phi 1/2$ inch (12.7mm)	36-1/2 – 44-1/2ft • lbf (49.5-60.3N • m)
$\phi 5/8$ inch (15.9mm)	45-5/8 – 55-5/8ft • lbf (61.8-75.4N • m)

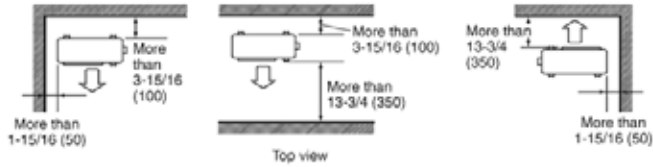
Installation Guidelines

- Where a wall or other obstacle is in the path of outdoor unit's intake or exhaust airflow, follow the installation guidelines below.
- For any of the below installation patterns, the wall height on the outlet side should be 47-1/4 inch (1200mm) or less.

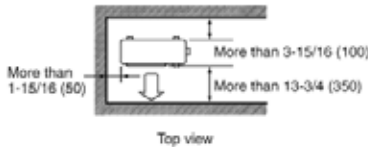
Wall facing one side



Walls facing two sides



Walls facing three sides

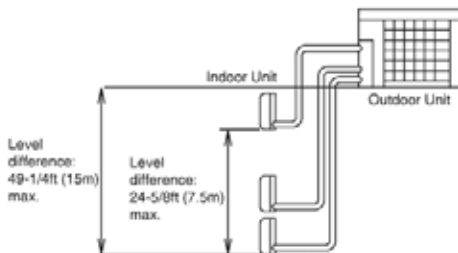


unit: inch (mm)

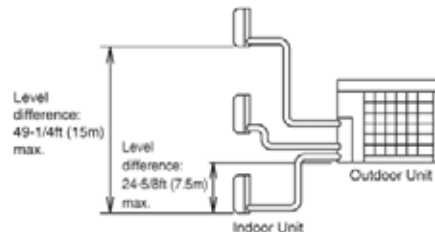
Selecting a Location for Installation of the Indoor Units

- The maximum allowable length of refrigerant piping, and the maximum allowable height difference between the outdoor and indoor units, are listed below. (The shorter the refrigerant piping, the better the performance. Connect so that the piping is as short as possible. **Shortest allowable length per room is 10ft (3m).**)

Outdoor unit capacity class	2MXS18*	3MXS24*, 4MXS36*
Piping to each indoor unit	82ft (25m) max.	
Total length of piping between all units	164ft (50m) max.	230ft (70m) max.



If the outdoor unit is positioned higher than the indoor units.



If the outdoor unit is positioned lower than one or more of the indoor units.

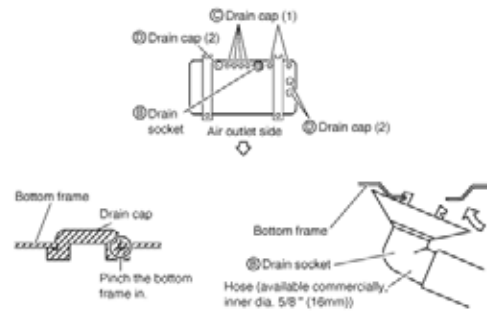
Outdoor Unit Installation

1. Installing the outdoor unit

- 1) When installing the outdoor unit, refer to "Precautions for Selecting the Location" on page 3 and the "Outdoor Unit Installation Drawings" on page 4.
- 2) If drain work is necessary, follow the procedures below.

2. Drain work

- If the drain port is covered by a mounting base or floor surface, place additional foot bases of at least 1-1/4 inch (30mm) in height under the outdoor unit's feet.
 - In cold areas, do not use a drain socket, drain caps (1,2) and a drain hose with the outdoor unit. (Otherwise, the drain water may freeze, impairing heating performance.)
- 1) Attach ① drain cap (1) and ② drain cap (2).
 - 2) Attach ③ drain socket.

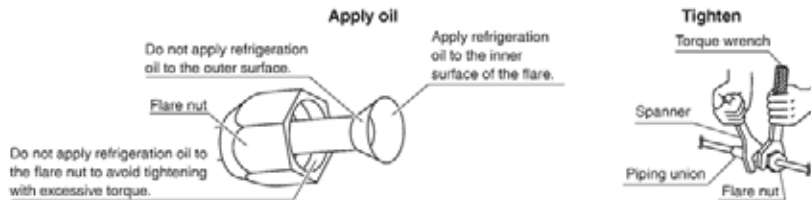


3. Refrigerant Piping

⚠ CAUTION

- Use the flare nut fixed to the main unit. (This is to prevent cracking of the flare nut as a result of deterioration over time.)
- To prevent gas leakage, apply refrigeration oil only to the inner surface of the flare. (Use refrigeration oil for R410A.)
- Use a torque wrench when tightening the flare nuts to prevent damage to the flare nuts and gas leakage.

- Align the centers of both flares and tighten the flare nuts 3 or 4 turns by hand. Then tighten them fully with a spanner and a torque wrench.



Flare nut tightening torque	
φ1/4 inch (6.4mm)	10-1/2 – 12-3/4ft • lbf (14.2-17.2N • m)
φ3/8 inch (9.5mm)	24-1/8 – 29-1/2ft • lbf (32.7-39.9N • m)
φ1/2 inch (12.7mm)	36-1/2 – 44-1/2ft • lbf (49.5-60.3N • m)
φ5/8 inch (15.9mm)	45-5/8 – 55-5/8ft • lbf (61.8-75.4N • m)

Width across flats	11/16 inch (17mm)	3/4 inch (19mm)	7/8 inch (22mm)	1-1/16 inch (27mm)
Valve cap tightening torque	10-1/2 – 12-5/8ft • lbf (14.2-17.2N • m)	12-5/8 – 15-3/8ft • lbf (17.1-20.9N • m)	16 – 20-1/4ft • lbf (21.6-27.4N • m)	35-3/8 – 44-1/8ft • lbf (48-59.8N • m)

Service port cap tightening torque	8 – 10-7/8ft • lbf (10.8-14.7N • m)
------------------------------------	-------------------------------------

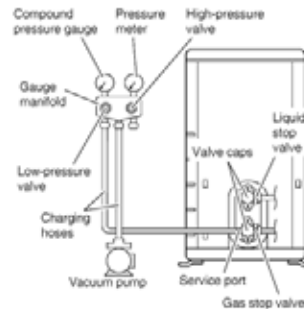
Outdoor Unit Installation

4. Pressure test and evacuating system

⚠ WARNING

- Do not mix any substance other than the specified refrigerant (R410A) into the refrigeration cycle.
- If refrigerant gas leaks should occur, ventilate the room as soon and as much as possible.
- R410A, as well as other refrigerants, should always be recovered and never be released directly into the environment.
- Use a vacuum pump for R410A exclusively. Using the same vacuum pump for different refrigerants may damage the vacuum pump or the unit.

- When piping work is complete, it is necessary to perform a pressure test and evacuate system with a vacuum pump.
- If using additional refrigerant, perform air purging of the refrigerant pipes and indoor unit using a vacuum pump, then charge additional refrigerant.
- Use a hexagonal wrench (3/16 inch (4mm)) to operate the stop valve rod.
- All refrigerant pipe joints should be tightened with a torque wrench to the specified tightening torque.



- 1) Pressurize the liquid pipe and gas pipe from the service ports of each stop valve to 550psi (3.8MPa) (do not pressurize more than 550psi (3.8MPa)) for 1 hour minimum, 24 hours recommended. If there is a pressure drop, check for leaks, make repairs and perform the pressure test again.
- 2) Connect projection side of charging hose (which comes from gauge manifold) to gas stop valve's service port.
- 3) Fully open gauge manifold's low-pressure valve (Lo) and completely close its high-pressure valve (Hi).
(High-pressure valve subsequently requires no operation.)
- 4) Evacuate system using vacuum pump to below 500 microns for 1 hour minimum.
- 5) Close gauge manifold's low-pressure valve (Lo) and stop vacuum pump.
(Leave as is for 4-5 minutes and make sure the coupling meter needle does not go back.
If it does go back, this may indicate the presence of moisture or leaking from connecting parts. After inspecting all the connection and loosening then retightening the nuts, repeat steps 3-5.)
- 6) Remove covers from liquid stop valve and gas stop valve.
- 7) Turn the liquid stop valve's rod 90° counter-clockwise with a hexagonal wrench to open the valve.
Close it after 5 seconds, and check for gas leakage.
Using soapy water, check for gas leakage from indoor unit's flare and outdoor unit's flare and valve rods.
After the check is complete, wipe all soapy water off.
- 8) Disconnect charging hose from gas stop valve's service port, then fully open liquid and gas stop valves.
(Do not attempt to turn valve rod beyond its stop.)
- 9) Tighten valve caps and service port caps for the liquid and gas stop valves with a torque wrench to the specified torques.
Refer to "3. Refrigerant Piping" on page 8 for details.

5. Refilling refrigerant

Check the type of refrigerant to be used on the machine nameplate.

Precautions when adding R410A

Fill from the liquid pipe in liquid form.

This is a mixed refrigerant, so adding it in gas form may cause the refrigerant composition to change, preventing normal operation.

- 1) Before filling, check whether the cylinder has a siphon attached or not. (It should have something like "liquid filling siphon attached" displayed on it.)

Filling a cylinder with an attached siphon



Stand the cylinder upright when filling.

(There is a siphon pipe inside, so the cylinder need not be upside-down to fill with liquid.)

Filling other cylinders



Turn the cylinder upside-down when filling.

- Be sure to use the R410A tools to ensure pressure and to prevent foreign objects entering.

6. Charging with refrigerant

- If the total length of piping for all rooms exceeds the figure listed below, additionally charge with 0.21 oz/ft (20g/m) of refrigerant (R410A) for each additional piping length.

Outdoor unit capacity class	2MXS18+	3MXS24+, 4MXS36+
Total length of piping for all rooms	98-3/8ft (30m)	131-5/8ft (40m)

CAUTION

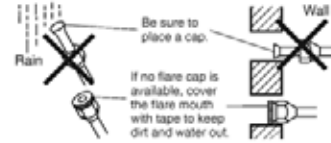
Even though the stop valve is fully closed, the refrigerant may slowly leak out; do not leave the flare nut removed for a long period of time.

Outdoor Unit Installation

7. Refrigerant piping work

7-1. Cautions on pipe handling

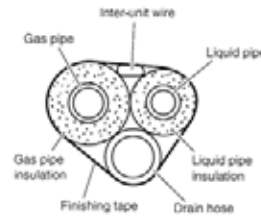
- Protect the open end of the pipe against dust and moisture.
- All pipe bends should be as gentle as possible. Use a pipe bender for bending.



7-2. Selection of copper and heat insulation materials

When using commercial copper pipes and fittings, observe the following:

- Insulation material: Polyethylene foam
Heat transfer rate: 0.041 to 0.052W/mK (0.024 to 0.030Btu/ft²h°F (0.035 to 0.045kcal/mh°C))
Be sure to use insulation that is designed for use with HVAC Systems.
- Be sure to insulate both the gas and liquid piping and observe the insulation dimensions as below.



	Piping size	Minimum bend radius	Piping thickness	Thermal insulation size	Thermal insulation thickness
Gas side	O.D. 3/8 inch (9.5mm)	1-3/16 inch (30mm) or more	0.031 inch (0.8mm) (C1220T-O)	I.D. 15/32-19/32 inch (12-15mm)	13/32 inch (10mm) Min.
	O.D. 1/2 inch (12.7mm)	1-9/16 inch (40mm) or more		I.D. 9/16-5/8 inch (14-16mm)	
	O.D. 5/8 inch (15.9mm)	1-15/16 inch (50mm) or more	0.039 inch (1.0mm) (C1220T-O)	I.D. 5/8-13/16 inch (16-20mm)	
Liquid side	O.D. 1/4 inch (6.4mm)	1-3/16 inch (30mm) or more	0.031 inch (0.8mm) (C1220T-O)	I.D. 5/16-13/32 inch (8-10mm)	

- Use separate thermal insulation pipes for gas and liquid refrigerant pipes.

8. Flaring the pipe end

- 1) Cut the pipe end with a pipe cutter.
- 2) Remove burrs with the cut surface facing downward so that the chips do not enter the pipe.
- 3) Put the flare nut on the pipe.
- 4) Flare the pipe.
- 5) Check that the flaring is properly made.



Set exactly at the position shown below.

Flare tool for R410A	Conventional flare tool		
	Clutch type	Clutch type (Rigid type)	Wing nut type (Imperial type)
A	0-0.020 inch (0-0.5mm)	0.039-0.059 inch (1.0-1.5mm)	0.059-0.079 inch (1.5-2.0mm)

⚠ WARNING

- Do not use mineral oil on flared part.
- Prevent mineral oil from getting into the system as this would reduce the lifetime of the units.
- Never use piping which has been used for previous installations. Only use parts which are delivered with the unit.
- Never install a drier to this R410A unit in order to guarantee its lifetime.
- The drying material may dissolve and damage the system.
- Incomplete flaring may cause refrigerant gas leakage.

Wiring

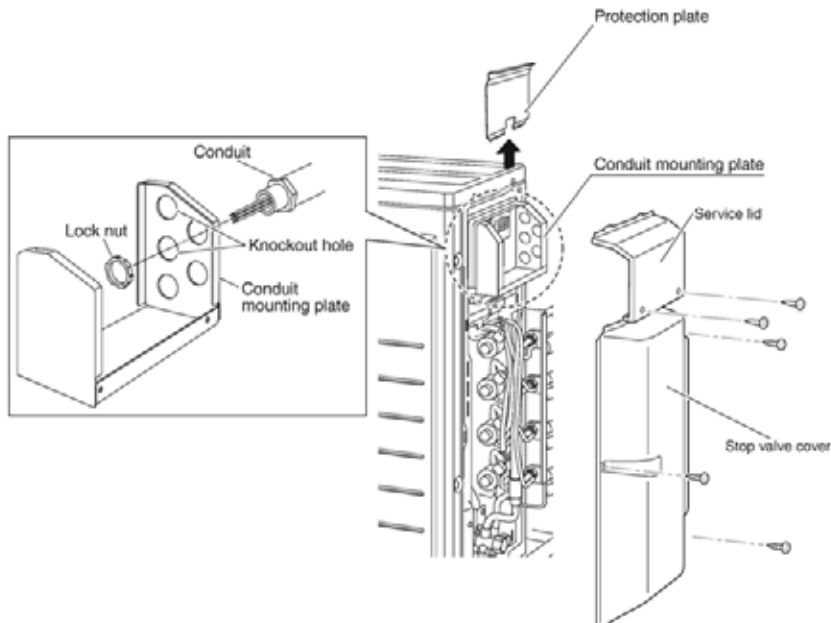
⚠ WARNING

- Do not use tapped wires, extension cords, or starburst connections, as they may cause overheating, electrical shock, or fire.
- Do not use locally purchased electrical parts inside the product. (Do not branch the power for the drain pump, etc., from the terminal block.) Doing so may cause electric shock or fire.
- Be sure to install a ground fault circuit interrupter. (One that can handle higher harmonics.)
(This unit uses an inverter, which means that a ground fault circuit interrupter capable of handling harmonics must be used in order to prevent any malfunction of the ground fault circuit interrupter itself.)
- Use an all-pole disconnection type circuit breaker with at least 1/8 inch (3mm) between the contact point gaps.
- When carrying out wiring connection, take care not to pull at the conduit.
- Do not connect the power wire to the indoor unit. Doing so may cause electric shock or fire.

- Do not turn on the circuit breaker until all work is completed.

<Method of Mounting Conduit>

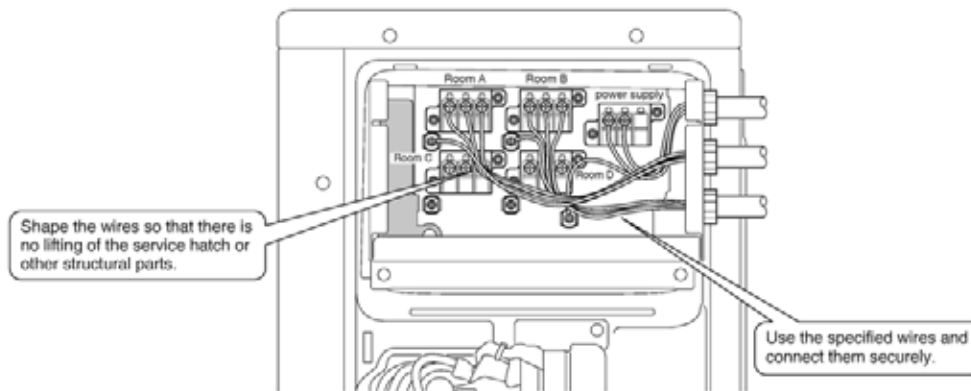
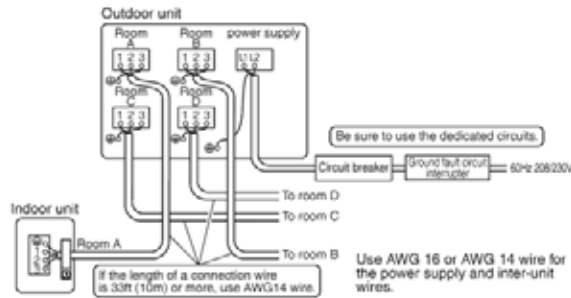
- When connecting indoor units for 3 rooms or more, open knockout holes without deforming the conduit mounting plate.
- 1) Dismount the service lid by removing the 2 screws.
 - 2) Slide the protection plate up and remove it.
 - 3) Pass wires through the conduit and secure them with a lock nut.



Wiring

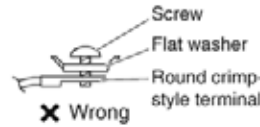
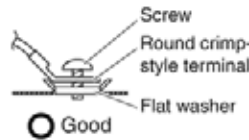
<Wiring procedure>

- 1) Strip the insulation from the wire (3/4inch (20mm)).
- 2) Connect the connection wires between the indoor and outdoor units **so that the terminal numbers match**. Tighten the terminal screws securely. We recommend a flathead screwdriver be used to tighten the screws.
- 3) **Be sure to match the symbols for wiring and piping.**
- 4) Pull the wire lightly to make sure that it does not disconnect.
- 5) Pass the wiring through the cutout on the bottom of the protection plate and attach the protection plate.
- 6) After completing the work, reattach the service lid to its original position.



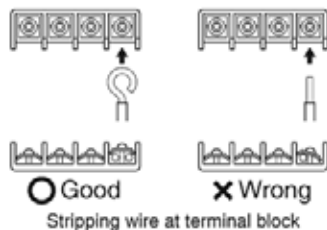
⚠ CAUTION

- Precautions to be taken for power supply wiring. When using stranded wires, make sure to use the round crimp-style terminal for connection to the power supply terminal block.



Arrow view A

- When connecting the inter-unit wires to the terminal block using a single core wire, be sure to curl the end of the lead. Improper work may cause heat and fires.



Ground

This air conditioner must be grounded. For grounding, follow all local, and state electrical codes.

Priority Room Setting

- To use Priority Room Setting, initial settings must be made when the unit is installed. Explain the Priority Room Setting, as described below, to the customer, and confirm whether or not the customer wants to use Priority Room Setting. Setting it in the guest and living rooms is convenient.

2

About the Priority Room Setting function

The indoor unit for which Priority Room Setting is applied takes priority in the following cases.

1) Operation mode priority

The operation mode of the indoor unit which is set for Priority Room Setting takes priority. If the set indoor unit is operating, all other indoor units do not operate and enter standby mode, according to the operation mode of the set indoor unit.

2) Priority during powerful operation

If the indoor unit which is set for Priority Room Setting is operating at powerful, the capabilities of other indoor units will be somewhat reduced. Power supply gives priority to the indoor unit which is set for Priority Room Setting.

3) Quiet operation priority

Setting the indoor unit to quiet operation will make the outdoor unit run quietly.

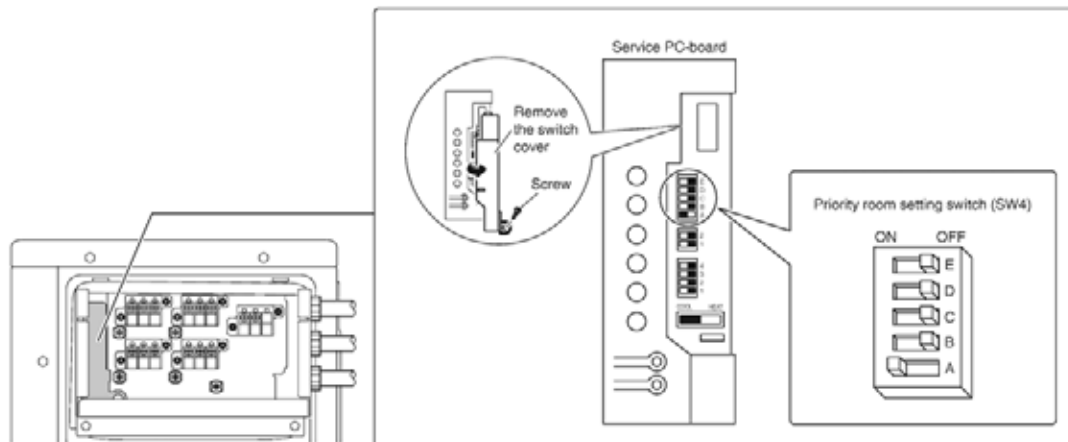
Setting procedure

Slide the switch to the on side for the switch that corresponds to the piping connected to the indoor unit to be set.

(In the figure below, it is room A.)

Once the settings are complete, switch the power on.

Be sure to only set one room



Night Quiet Mode setting

- If Night Quiet Mode is to be used, initial settings must be made when the unit is installed. Explain Night Quiet Mode, as described below, to the customer, and confirm whether or not the customer wants to use Night Quiet Mode.

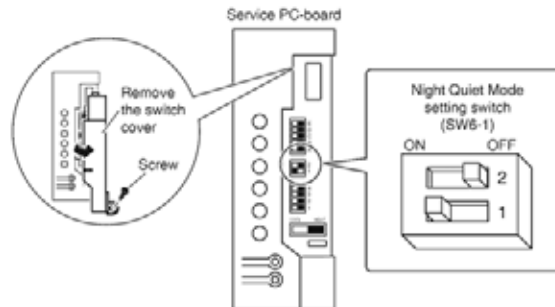
About Night Quiet Mode

The Night Quiet Mode function reduces operating noise of the outdoor unit at nighttime. This function is useful if the customer is worried about the effects of the operating noise on the neighbors.

However, if Night Quiet Mode is running, cooling capacity will be saved.

Setting procedure

Turn the Night Quiet Mode switch (SW6-1) to on.

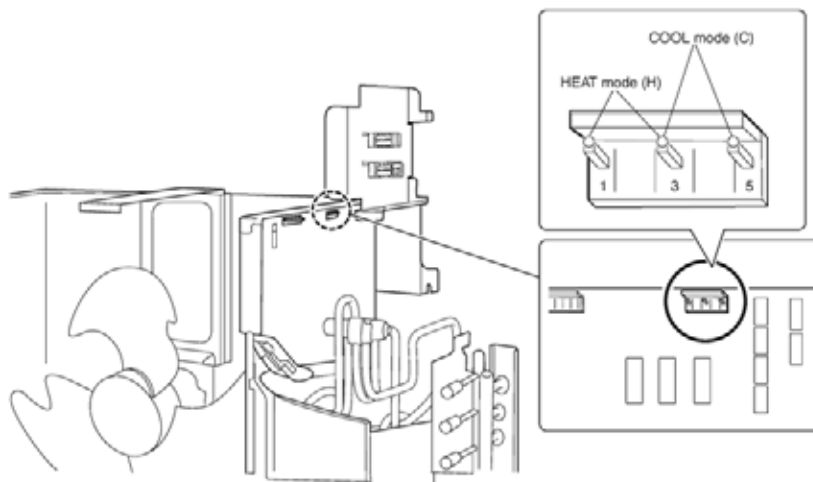


COOL/ HEAT mode lock <S15>

- Use the S15 connector to set the unit to only cool or heat.
 Setting to only heat (H): short-circuit pins 1 and 3 of the connector <S15>
 Setting to only cool (C): short-circuit pins 3 and 5 of the connector <S15>
 The following specifications apply to the connector housing and pins.

JST products Housing: VHR-5N
 Pin: SVH-21T-1,1

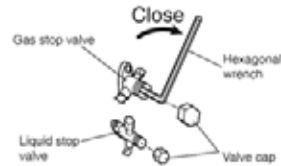
Note that forced operation is also possible in COOL/HEAT mode.



Pump Down Operation

In order to protect the environment, be sure to pump down when relocating or disposing of the unit.

- 1) Remove the valve cap from liquid stop valve and gas stop valve.
- 2) Carry out forced cooling operation.
- 3) After 5 to 10 minutes, close the liquid stop valve with a hexagonal wrench.
- 4) After 2 to 3 minutes, close the gas stop valve and stop forced cooling operation.

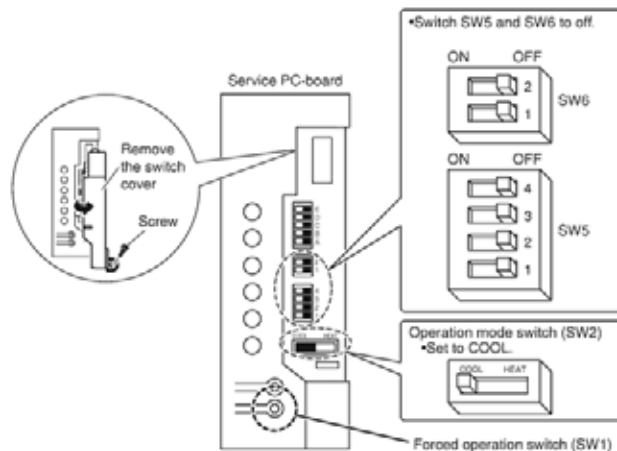


Forced cooling operation

- 1) Switch off the power.
- 2) Remove the Service lid (2 screws).
- 3) Remove the service PC-board switch cover (1 screw).
- 4) Switch SW5 and SW6 to off.
- 5) Turn the operation mode switch (SW2) to COOL.
- 6) Screw the service PC-board switch cover back on (1 screw).
- 7) Switch the power on.
- 8) Push the forced operation switch (SW1) above the service PC-board cover.
 - ◆ Start forced cooling operation.
 - To stop forced operation, push the forced operation switch (SW1) again.

⚠ WARNING

Do not remove the switch cover unless the power has been turned off. (Risk of electric shock)



Trial Operation and Testing

- Before starting the test run, measure the voltage at the primary side of the circuit breaker.
- Check that all liquid and gas stop valves are fully open.
- Check that piping and wiring all match. The wiring error check can be conveniently used for underground wiring and other wiring that cannot be directly checked.

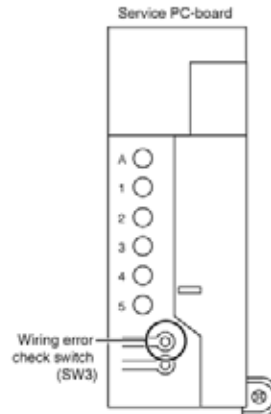
1. Wiring error check

This product is capable of automatic correction of wiring error.

Press the wiring error check switch on the outdoor unit service PC-board. However, the wiring error check switch will not function for 3 minutes after the safety breaker is turned on, or depending on the outside air conditions (See Note 2.) About 15-20 minutes after the switch is pressed, the errors in the connection wiring will be corrected.

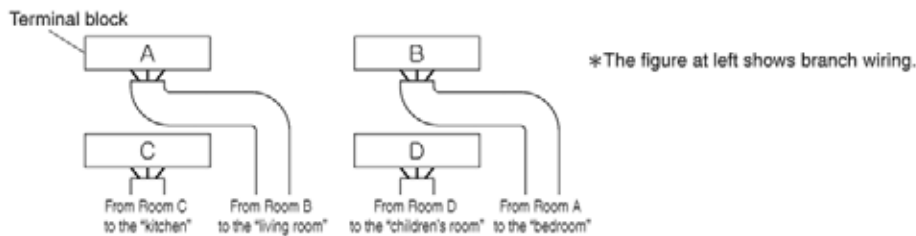
The service monitor LEDs indicate whether or not correction is possible, as shown in the table below. For details about how to read the LED display, refer to the service manual.

If self-correction is not possible, check the indoor unit wiring and piping in the usual manner.



LED	1	2	3	4	Message
Status	All Flashing				Automatic correction impossible
	Flashing One after another				Automatic correction completed
	☀ (One or more of LEDs 1 to 4 are ON)				Abnormal stop [Note. 4]

Wiring correct example



LED lighting sequence after a wiring correction.

Order of LED flashing: 2 → 1 → 3 → 4

NOTE

- 1) For two rooms, LED 3,4 and 5 are not displayed, and for three rooms, LED 4 and 5 is not displayed, and for four rooms, LED 5 is not displayed.
- 2) If the outside air temperature is **41°F (5°C) or less**, the wiring error check function will not operate.
- 3) After wiring error check operation is completed, LED indication will continue until ordinary operation starts. This is normal.
- 4) Follow the product diagnosis procedures. (Details of product error diagnosis are listed on the back of the **right side plate**.)

2. Trial operation and testing

- To test cooling, set for the lowest temperature. To test heating, set for the highest temperature. (Depending on the room temperature, only heating or cooling (but not both) may be possible.)
- After the unit is stopped, it will not start again (heating or cooling) for about 3 minutes.
- During the test run, first check the operation of each unit individually. Then also check the simultaneous operation of all indoor units. Check both heating and cooling operation.
- After running the unit for about 20 minutes, measure the temperatures at the indoor unit inlet and outlet. If the measurements are above the values shown in the table below, then they are normal.

	Cooling	Heating
Temperature difference between inlet and outlet	About 14°F (8°C)	About 36°F (20°C)

(When running in one room)

- During cooling operation, frost may form on the gas stop valve or other parts. This is normal.
- Operate the indoor units in accordance with the included operation manual. Check that they operate normally.

3. Test items

Test item	Consequences of trouble	Check
Are the indoor units installed securely?	Fall, vibration, noise	
Has an inspection been made to check for gas leakage?	Incomplete cooling/heating function	
Has complete thermal insulation been done (gas pipes, liquid pipes, indoor portions of the drain hose extension)?	Water leakage	
Is the drainage secure?	Water leakage	
Are the ground wire connections secure?	Electrical leakage	
Are the electric wires connected correctly?	Incomplete cooling/heating function	
Is the wiring in accordance with the specifications?	No operation or burn damage	
Are the inlets/outlets of the indoor and outdoor units free of any obstructions?	Incomplete cooling/heating function	
Are the stop valves open?	Incomplete cooling/heating function	
Do the marks match (room A, room B, room C, room D) on the wiring and piping for each indoor unit?	Incomplete cooling/heating function	
Is the priority room setting set for 2 or more rooms?	The priority room setting will not function.	

ATTENTION

- Have the customer actually operate the unit while looking at the manual included with the indoor unit. Instruct the customer how to operate the unit correctly (particularly cleaning of the air filters, operation procedures, and temperature adjustment).
- Even when the air conditioner is not operating, it consumes some electric power. If the customer is not going to use the unit soon after it is installed, turn off the circuit breaker to avoid wasting electricity.
- If additional refrigerant has been charged because of long piping, list the amount added on the nameplate on the reverse side of the stop valve cover.

Part 3

Operation Manual

1. CTXS, FTXS, CDXS, FDXS, FVXS Series	424
1.1 Manual Contents and Reference Page	424
1.2 Safety Considerations	425
1.3 Names of Parts.....	427
1.4 Preparation before Operation.....	439
1.5 AUTO · DRY · COOL · HEAT · FAN Operation.....	441
1.6 Adjusting the Airflow Direction and Rate	443
1.7 COMFORT AIRFLOW / INTELLIGENT EYE Operation.....	451
1.8 POWERFUL Operation	453
1.9 POWERFUL / ECONO / OUTDOOR UNIT QUIET Operation	454
1.10 OUTDOOR UNIT QUIET Operation.....	456
1.11 ECONO Operation	457
1.12 OFF TIMER Operation	458
1.13 ON TIMER Operation	459
1.14 WEEKLY TIMER Operation	460
1.15 Note for Multi System	466
1.16 Care and Cleaning	468
1.17 Troubleshooting.....	480
1.18 Quick Reference.....	490
2. FFQ Series.....	491
2.1 With <BRC1E71> Wired Remote Controller	497
2.2 With <BRC7E830> Wireless Remote Controller	540

1. CTXS, FTXS, CDXS, FDXS, FVXS Series

1.1 Manual Contents and Reference Page









Model Series	CTXS, FTXS Series	CDXS, FDXS Series	FVXS Series
Read Before Operation			
Safety Considerations	425	425	425
Names of Parts	427	431	435
Preparation before Operation ★	439	439	439
Operation			
AUTO · DRY · COOL · HEAT · FAN Operation ★	441	441	441
Adjusting the Airflow Direction and Rate	443, 445	447	448
COMFORT AIRFLOW/INTELLIGENT EYE Operation	451	—	—
POWERFUL Operation ★	453	453	—
POWERFUL / ECONO / OUTDOOR UNIT QUIET Operation	—	—	454
OUTDOOR UNIT QUIET Operation ★	456	456	456
ECONO Operation ★	457	457	—
OFF TIMER Operation ★	458	458	458
ON TIMER Operation ★	459	459	459
WEEKLY TIMER Operation	460	—	460
Multi Connection			
Note for Multi System	466	466	466
Care			
Care and Cleaning	468	473	475
Troubleshooting			
Troubleshooting	480 ★	480 ★	485
Quick Reference ★	490	490	490
Drawing No.	3P297290-1 3P297290-2	3P297290-3B	3P379751-3B


★: Illustrations are for CTXS07LVJU as representative.

1.2 Safety Considerations


Safety Precautions




- Read these safety considerations for operations carefully before installing air conditioning equipment. After completing the installation, make sure that the unit operates properly during the startup operation. Instruct the customer on how to operate and maintain the unit.
Inform customers that they should store this operation manual with the installation manual for future reference.
Meanings of DANGER, WARNING, CAUTION, and NOTE Symbols:


 DANGER	 WARNING	 CAUTION
Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.	Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.
 Never do.	 Be sure to follow the instructions.	
 Be sure to ground the air conditioner.		 Never allow the air conditioner or remote controller to get wet.
 Never touch the air conditioner (including the remote controller) with a wet hand.		



 DANGER

- For refrigerant leakage, consult your dealer.
Refrigerant gas is heavier than air and replaces oxygen. A massive leak could lead to oxygen depletion, especially in basements, and an asphyxiation hazard could occur leading to serious injury or death.
- Refrigerant gas may produce a toxic gas if it comes in contact with fire such as from a fan heater, stove or cooking device. Exposure to this gas could cause severe injury or death.
- Any abnormalities in the operation of the air conditioner such as smoke or fire could result in severe injury or death.
Turn off the power and contact your dealer immediately for instructions.
- Do not install the unit in an area where flammable materials are present due to risk of explosion resulting in serious injury or death.
- If equipment utilizing a burner is used in the same room as the air conditioner, there is the danger of oxygen deficiency which could lead to an asphyxiation hazard resulting in serious injury or death.
Be sure to ventilate the room sufficiently to avoid this hazard.
- Safely dispose of the packing materials.
Packing materials, such as nails and other metal or wooden parts, may cause stabs or other injuries. Tear apart and throw away plastic packaging bags so that children will not play with them. Children playing with plastic bags face the danger of death by suffocation.





 WARNING

-  It is not good for health to expose your body to the air flow for a long time.
-  Do not put your finger or other objects into the air outlet or inlet as the fan is rotating at high speed and could cause injury. Always keep small children away from the unit during operation.
- Do not attempt to repair, relocate, modify or reinstall the air conditioner by yourself. Incorrect work or modifications could cause electric shocks, fire or other damage.
For repairs and reinstallation, consult your Daikin dealer for advice and information.
-  If the air conditioner is not cooling (heating) properly, the refrigerant may be leaking, contact your authorized dealer or qualified service repairman.
When making repairs which requires adding refrigerant, consult with your authorized dealer or qualified service repairman.
- Do not attempt to install the air conditioner by yourself. Improper installation could result in water leakage, electric shocks or fire. For installation, consult your authorized dealer or a qualified technician.

 CAUTION

-  The air conditioner must be grounded. Improper grounding may result in electric shocks. Do not connect the grounding wire to a gas pipe, water pipe, lightning rod, or a telephone ground line. Follow all local and state electrical codes.
-  Do not use this unit for cooling precision instruments, food, plants, animals or works of art.
- Never expose little children, plants or animals directly to the air flow.
- Do not block air inlets nor outlets. Impaired air flow may result in poor performance or equipment problems.
- Do not stand, sit, or place objects on the outdoor unit. To avoid injury, do not remove the fan guard.

CAUTION

-  Do not place anything under the indoor or outdoor unit that must be kept away from moisture, such as electrical or electronic equipment. In certain conditions, moisture in the air may condense and drip.
 - Check the unit stand and fittings for damage annually.
 - Do not touch the air inlet and aluminum fins of outdoor unit. It may cause injury and/or damage the heat transfer surface.
 - This appliance is NOT intended for use by young children or impaired persons without proper supervision.
 - Young children should be supervised to ensure that they DO NOT play with or near the air flow of this appliance.
 - Do not pull at the conduit or hang anything on it. Otherwise it will cause fire or electric shock.
 - Do not touch the heat exchanger fins. Improper handling may result in injury.
 - Do not turn off the power immediately after stopping operation. Always wait at least 5 minutes before turning off the power to avoid water leakage or other problems.
-
-  To avoid personal injury or equipment damage be sure to stop the operation, turn the breaker off or pull out the supply cord before cleaning or servicing the unit. NOTE: More than one disconnect may be required to shut off all power.
 - Do not connect the air conditioner to a power supply different from the one specified. It may cause improper operation or fire.
 - Depending on the environment, state and local electrical codes, a ground fault circuit interrupter may be required. Improper grounding or lack of a ground fault circuit interrupter may result in electrical shock, injuries, or death.
 - It is recommended to install a ground fault circuit interrupter if one is not already available. This helps prevent electrical shocks or fire.
 - Arrange the drain hose to ensure smooth drainage. Improper drainage may cause water damage to the building, or its furnishing.
 - Depending on the usage environment, water may leak from the air conditioner. If this happens, contact your Daikin Dealer.
 - The remote controller should be installed in such away that children cannot play with it.
 - Do not place objects in direct proximity of the outdoor unit and do not let leaves and other debris accumulate around the unit. Leaves are a hotbed for small animals which can enter the unit. Once in the unit, such animals can cause malfunctions, smoke or fire when making contact with electrical parts.
-
-  Do not operate the air conditioner with wet hands.
-
-  Do not wash the indoor unit with excessive water, only use a slightly wet cloth.
 - Do not place things such as vessels containing water or anything else on top of the unit. Water may penetrate into the unit and degrade electrical insulations, resulting in an electric shock.

Installation site.

- Operate the air conditioner in a sufficiently ventilated area and not surrounded by obstacles. Do not use the air conditioner in the following places.
 - a. Places with a mist of mineral oil, such as cutting oil.
 - b. Locations such as coastal areas where there is a lot of salt in the air.
 - c. Locations such as hot springs where there is a lot of sulfur in the air.
 - d. Locations such as factories where the power voltage varies a lot.
 - e. In cars, boats, and other vehicles.
 - f. Locations such as kitchens where oil may splatter or where there is steam in the air.
 - g. Locations where equipment produces electromagnetic waves.
 - h. Places with an acid or alkaline mist.
 - i. Places where fallen leaves can accumulate or where weeds can grow.

Consider the nuisance of noise to your neighbors.

- Pay Attention to Operating Sound. Be sure to use the following places:
 - a. Places that can sufficiently withstand the weight of the air conditioner yet can suppress the operating sound and vibration of the air conditioner.
 - b. Places where warm air from the air outlet of the outside unit or the operating sound of the outside unit does not annoy neighbors. Make sure that there are no obstacles close to the outside unit. Obstacles close to the outside unit may drop the performance of the outside unit or increase the operating sound of the outside unit. Consult your dealer if the air conditioner in operation generates unusual noise.

Electrical work.

- For power supply, be sure to use a separate power circuit dedicated to the air conditioner.

System relocation.

- Relocating the air conditioner requires specialized knowledge and skills. Please consult the dealer if relocation is necessary for moving or remodeling.

1.3 Names of Parts

CTXS, FTXS Series

Names of Parts

Indoor Unit

Front panel

Air inlet

Panel tab

INTELLIGENT EYE sensor

- It detects the movements of people and automatically switches between normal operation and energy saving operation.

Model name plate

Air outlet

Fins (vertical blades)

- The fins are inside of the air outlet.

Louvers (horizontal blades)

Room temperature sensor

- It detects the air temperature around the unit.

Display

Signal receiver

- It receives signals from the remote controller.
- When the unit receives a signal, you will hear a beep sound.

Case	Sound type
Operation start	beep-beep
Setting changed	beep
Operation stop	long beep

OPERATION lamp (green)

TIMER lamp (yellow)

INTELLIGENT EYE lamp (green)

ON/OFF

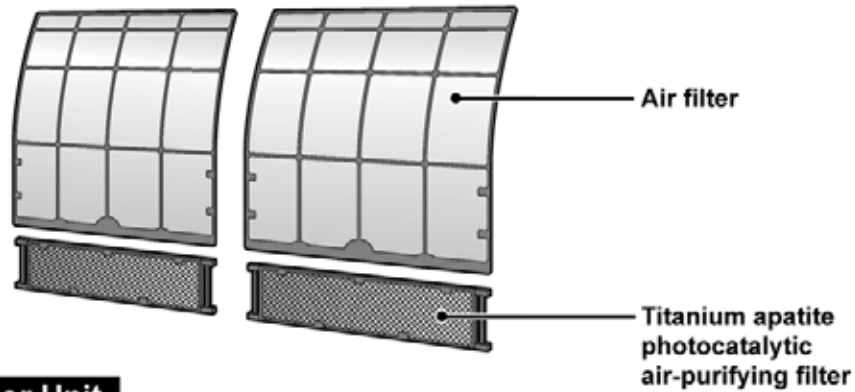
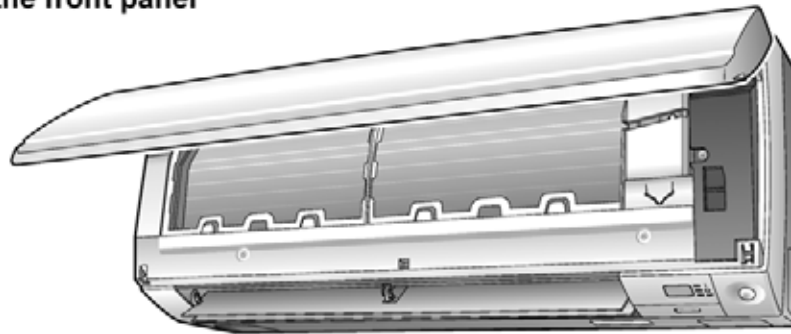
Indoor unit ON/OFF switch

- Press this switch once to start operation. Press once again to stop it.
- The operation mode refer to the following table.

Mode	Temperature setting	Airflow rate
AUTO	77°F (25°C)	AUTO

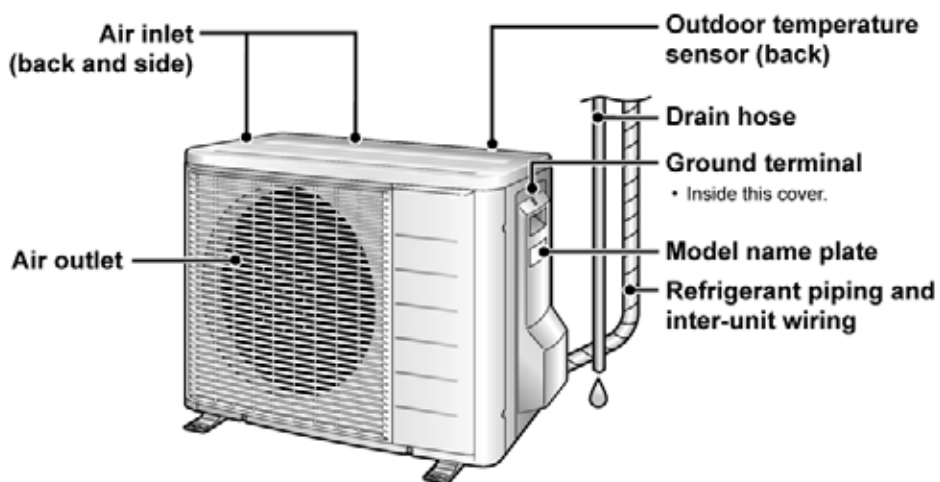
- This switch is useful when the remote controller is missing.

■ Open the front panel



Outdoor Unit

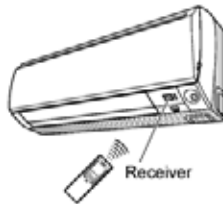
• Appearance of the outdoor unit may differ from some models.



Names of Parts

Remote Controller

Signal transmitter



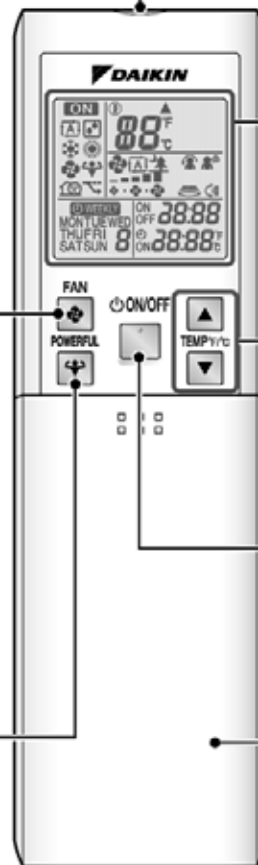
- To use the remote controller, aim the transmitter at the indoor unit. If there is anything to block signals between the unit and the remote controller, such as a curtain, the unit will not operate.
- Do not drop the remote controller. Do not get it wet.
- The maximum distance for communication is approximately 23ft (7m).

FAN setting button

- Selects the airflow rate setting.

POWERFUL button

- POWERFUL operation.



Display (LCD)

- Displays the current settings. (In this illustration, each section is shown with all its displays on for the purpose of explanation.)

TEMPERATURE adjustment buttons

- Changes the temperature setting.

ON/OFF button

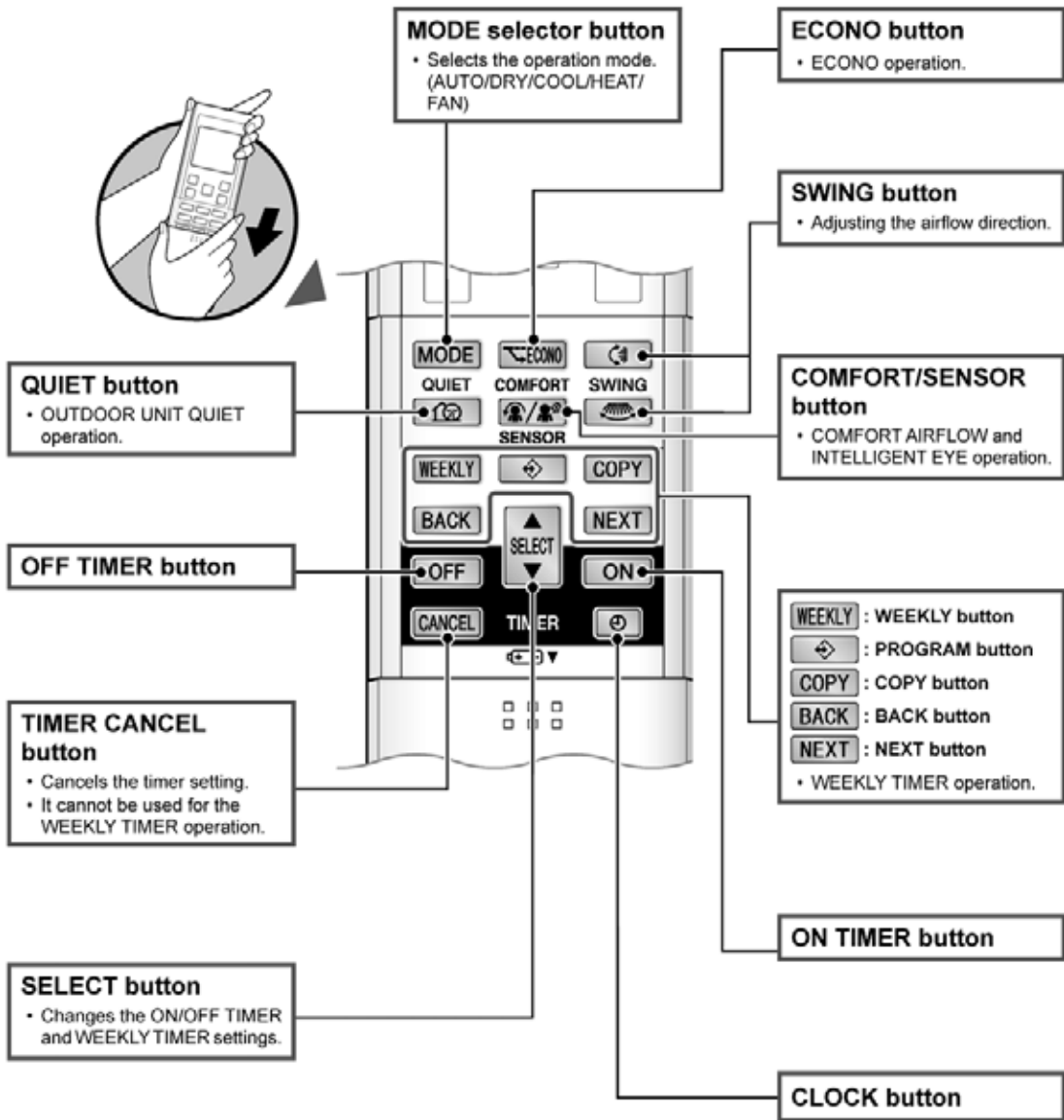
- Press this button once to start operation. Press once again to stop it.

Front cover

- Open the front cover.

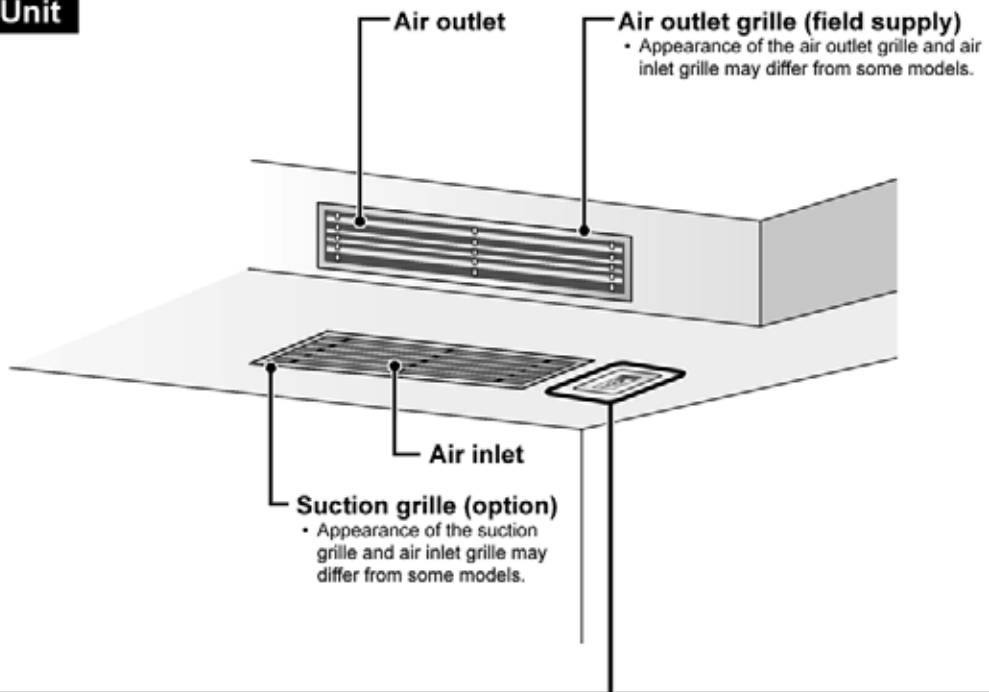
<ARC452A21>

■ Open the front cover

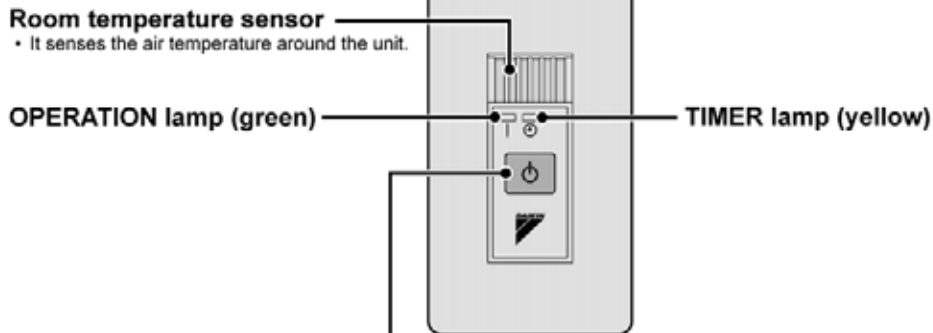


Names of Parts

Indoor Unit



Receiver



Indoor unit ON/OFF switch

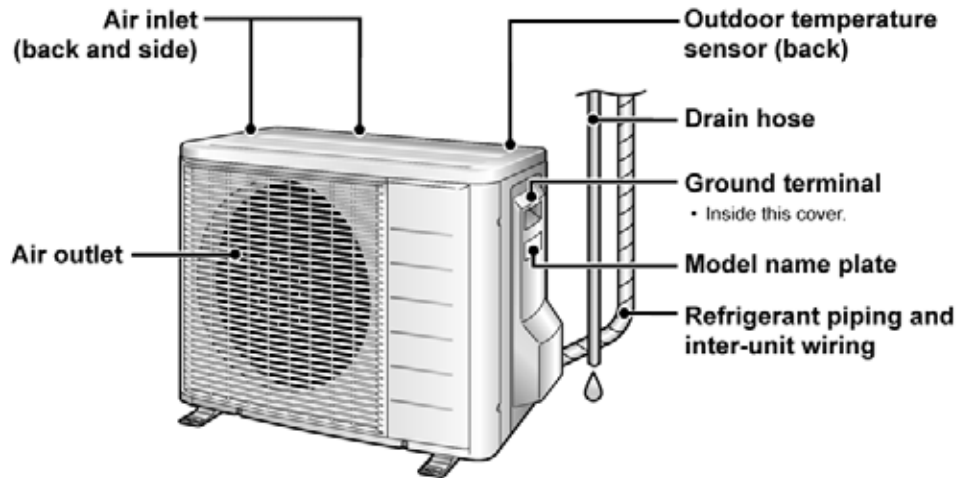
- Press this switch once to start operation. Press once again to stop it.
- The operation mode refers to the following table.

Mode	Temperature setting	Airflow rate
AUTO	77°F (25°C)	AUTO

- This switch is useful when the remote controller is missing.

Outdoor Unit

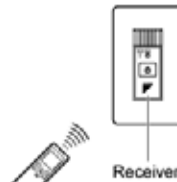
* Appearance of the outdoor unit may differ from some models.



Names of Parts

Remote Controller

Signal transmitter



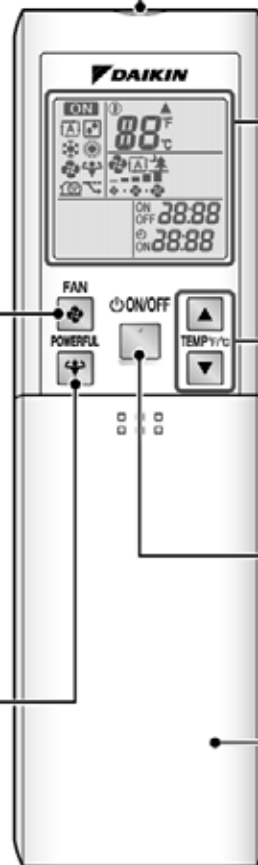
- To use the remote controller, aim the transmitter at the indoor unit. If there is anything to block signals between the unit and the remote controller, such as a curtain, the unit will not operate.
- Do not drop the remote controller. Do not get it wet.
- The maximum distance for communication is approximately 13ft (4m).

FAN setting button

- Selects the airflow rate setting.

POWERFUL button

- POWERFUL operation.



Display (LCD)

- Displays the current settings. (In this illustration, each section is shown with all its displays on for the purpose of explanation.)

TEMPERATURE adjustment buttons

- Changes the temperature setting.

ON/OFF button

- Press this button once to start operation. Press once again to stop it.

Front cover

- Open the front cover.

<ARC452A23>

■ Open the front cover



MODE selector button

• Selects the operation mode.
(AUTO/DRY/COOL/HEAT/
FAN)

QUIET button

• OUTDOOR UNIT QUIET
operation.

ECONO button

• ECONO operation.

OFF TIMER button

ON TIMER button

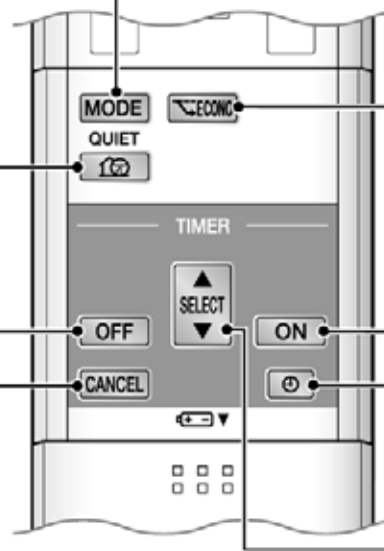
**TIMER CANCEL
button**

• Cancels the timer setting.

CLOCK button

SELECT button

• Changes the ON/OFF TIMER
settings.

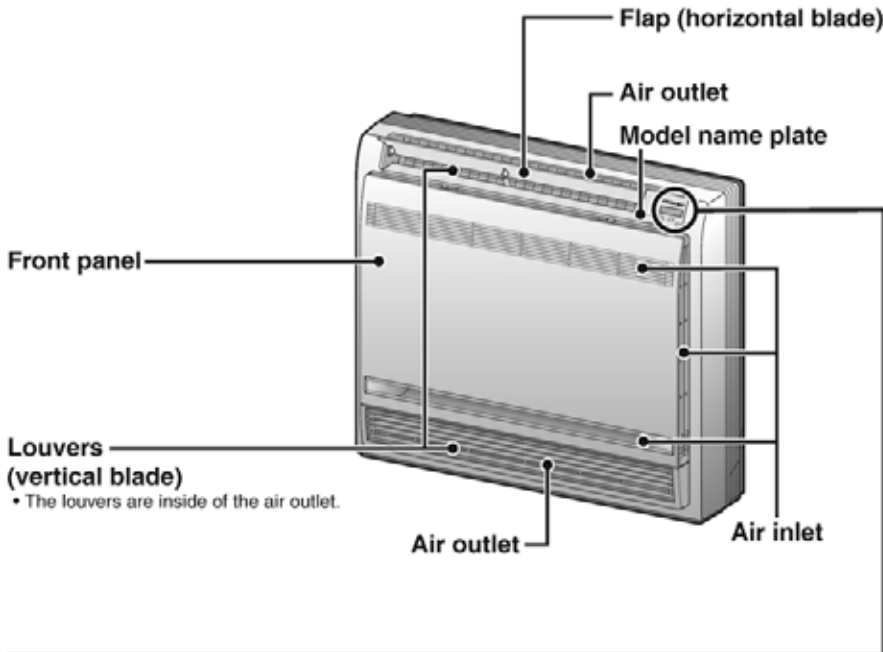


FVXS Series

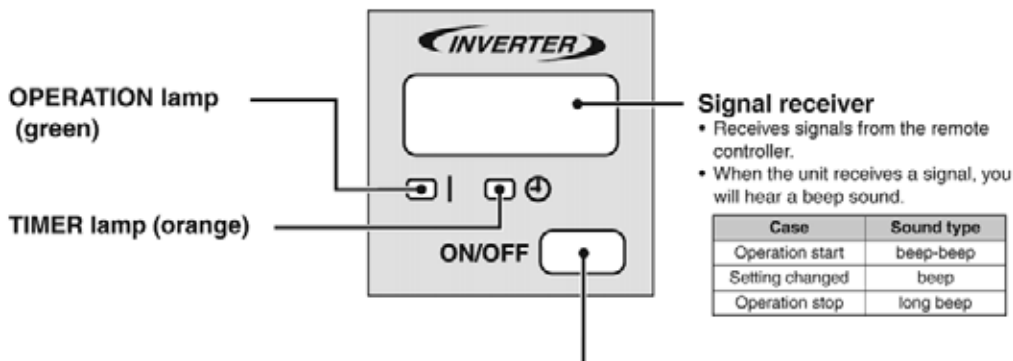
Read Before Operation

Names of Parts

Indoor Unit



Display



Indoor unit ON/OFF switch

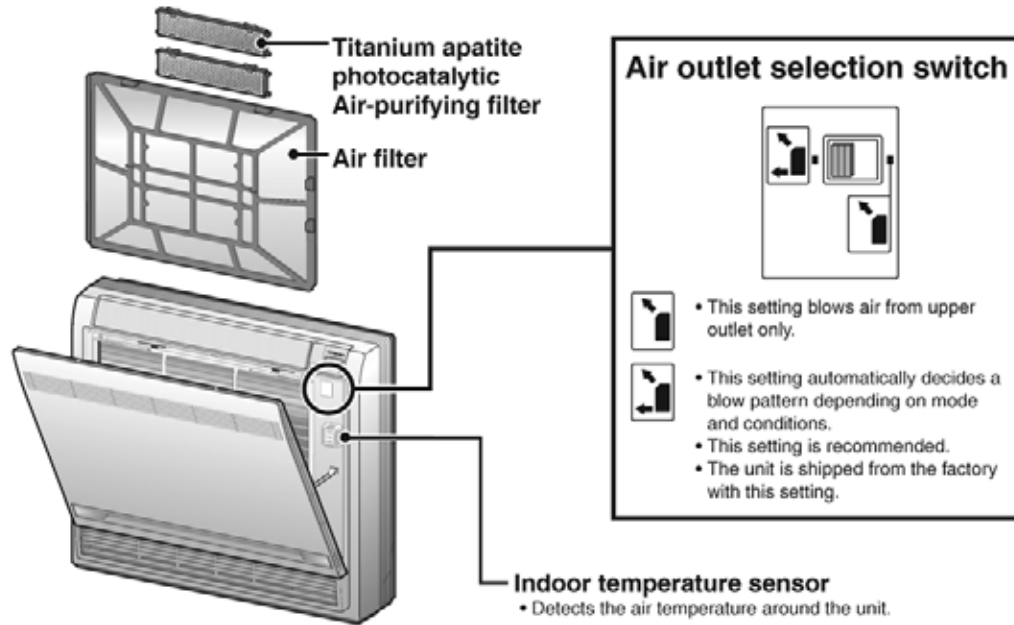
- Press this switch once to start operation. Press once again to stop it.
- For the operation mode setting, refer to the following table.

Mode	Temperature setting	Airflow rate
AUTO	77°F (25°C)	AUTO

- This switch can be used when the remote controller is missing.

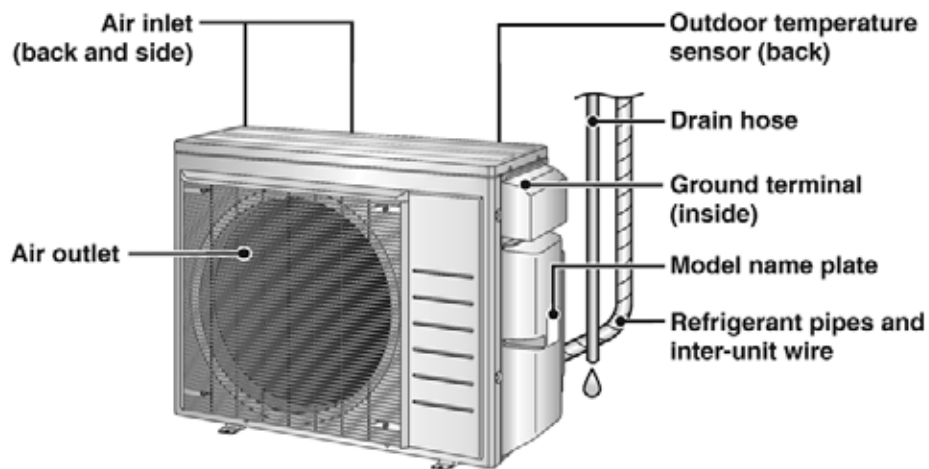
■ Open the front panel

- How to open the front panel:



Outdoor Unit

- The appearance of the outdoor unit may differ between different models.



Read Before Operation

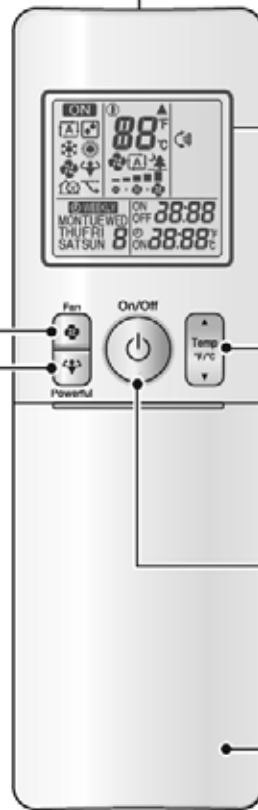
Names of Parts

Remote Controller

Signal transmitter



- To use the remote controller, aim the transmitter at the indoor unit. If there is anything blocking the signals between the unit and the remote controller, such as a curtain, the unit may not operate.
- The maximum transmission distance is about 23ft (7m).



Display (LCD)

- Displays the current settings.
(In this illustration, each section is shown with all its displays on for the purpose of explanation.)

TEMPERATURE adjustment button

- Changes the temperature setting.

FAN setting button

- Selects the airflow rate setting.

ON/OFF button

- Press this button once to start operation.
Press once again to stop it.

POWERFUL button

- POWERFUL operation.

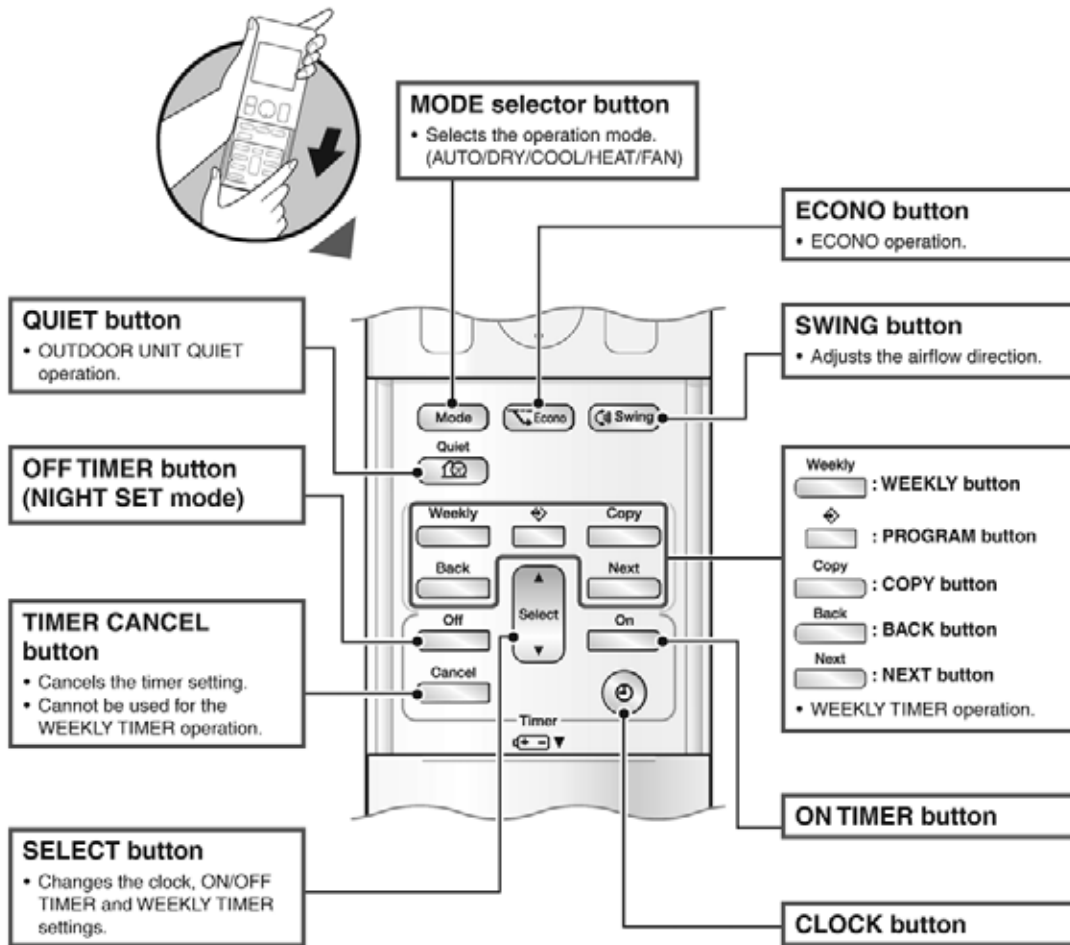
Front cover

- Open the front cover.

Model	ARC466A21
-------	-----------

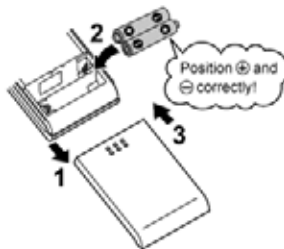
Read Before Operation

■ **Open the front cover**



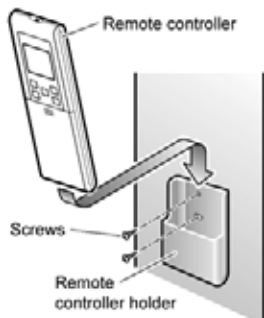
1.4 Preparation before Operation

Preparation before Operation



■ To set the batteries

1. Slide the front cover to take it off.
2. Set two dry batteries AAA.LR03 (alkaline).
3. Set the front cover as before.



■ To fix the remote controller holder on the wall

1. Choose a place from where the signals reach the unit.
2. Fix the holder to a wall, a pillar, etc. with the screws supplied with the holder.
3. Place the remote controller in the remote controller holder.



■ Celsius/Fahrenheit display switch

- The Celsius or Fahrenheit display is selectable with the following buttons.

Press  and  simultaneously for 5 seconds.

- The temperature will be displayed in Fahrenheit if it is presently displayed in Celsius, and vice versa.

NOTE

■ Notes on batteries

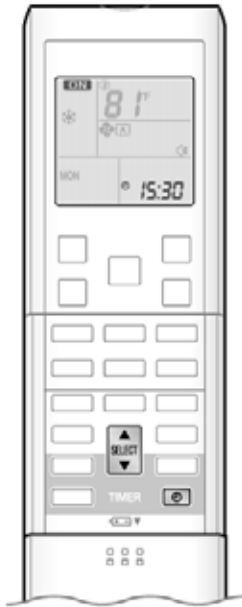
- When replacing the batteries, use batteries of the same type, and replace both batteries at the same time.
- When the system is not used for a long time, take the batteries out.
- The batteries will last for approximately 1 year. If the remote controller display begins to fade and the degradation of reception performance occurs within a year, however, replace both batteries with new, size AAA.LR03 (alkaline).
- The attached batteries are provided for the initial use of the system.
The usable period of the batteries may be short depending on the manufactured date of the air conditioner.

■ Notes on remote controller

- Never expose the remote controller to direct sunlight.
- Dust on the signal transmitter or receiver will reduce the sensitivity. Wipe off dust with a soft cloth.
- Signal communication may be disabled if an electronic-starter-type fluorescent lamp (such as inverter-type lamps) is in the room. Consult the shop if that is the case.
- If the remote controller signals happen to operate another appliance, move that appliance somewhere else, or consult the service shop.

■ Celsius/Fahrenheit display change function of remote controller


- The set temperature may increase when the display is changed to Celsius from Fahrenheit, because a fraction of 0.5°C is rounded up.
- Example: A set temperature of 65°F (equivalent to 18.5°C) will be converted into 19°C.
When the display is changed to Fahrenheit again, the set temperature will be converted into 66°F (equivalent to 19°C) instead of the original set temperature (65°F) but a set temperature of 66°F (equivalent to 19°C) will be converted into 19°C with no temperature change.
- A reception sound will go off for the transmission of set temperature to the indoor unit at the time of setting the Celsius/Fahrenheit display change function.



■ Turn the breaker on


• After the power is turned on, the louvers of the indoor unit open and close once to set the reference position.

■ To set the clock

1. Press .




"0:00" is displayed.
"MON" and "⏻" blink.

2. Press  **to set the current day of the week.**

3. Press .



"⏻" blinks.

4. Press  **to set the clock to the present time.**

• Holding down ▲ or ▼ rapidly increases or decreases the time display.

5. Press .

• Point the remote controller at the indoor unit when pressing the buttons.

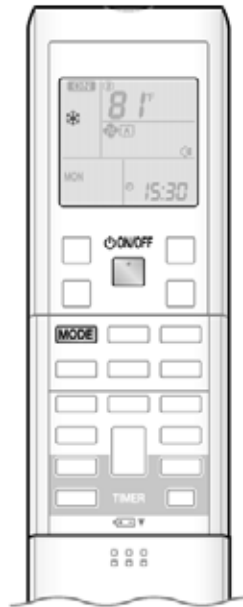


"⏻" blinks.

1.5 AUTO · DRY · COOL · HEAT · FAN Operation



AUTO · DRY · COOL · HEAT · FAN Operation

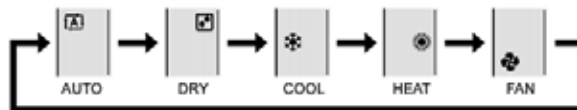


The air conditioner operates with the operation mode of your choice. From the next time on, the air conditioner will operate with the same operation mode.

To start operation

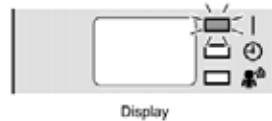
1. Press **MODE** and select an operation mode.

- Each pressing of the button advances the mode setting in sequence.



2. Press .

- "ON" is displayed on the LCD.
- The OPERATION lamp lights green.



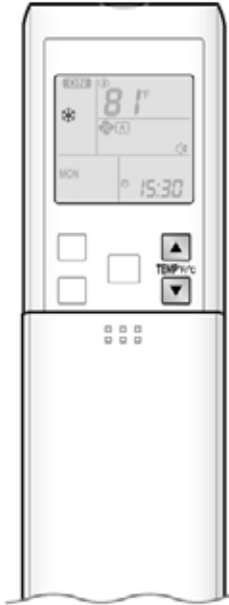
To stop operation

Press  again.



- "ON" is no longer displayed on the LCD.
- The OPERATION lamp goes off.

NOTE

MODE	Notes on each operation mode
HEAT	<ul style="list-style-type: none"> • Since this air conditioner heats the room by taking heat from outdoor air to indoors, the heating capacity becomes smaller in lower outdoor temperatures. If the heating effect is insufficient, it is recommended to use another heating appliance in combination with the air conditioner. • The heat pump system heats the room by circulating hot air around all parts of the room. After the start of HEAT operation, it takes some time before the room gets warmer. • In HEAT operation, frost may occur on the outdoor unit and lower the heating capacity. In that case, the system switches into defrosting operation to take away the frost. • During defrosting operation, hot air does not flow out of indoor unit.
COOL	<ul style="list-style-type: none"> • This air conditioner cools the room by releasing the heat in the room outside. Therefore, the cooling performance of the air conditioner may be degraded if the outdoor temperature is high.
DRY	<ul style="list-style-type: none"> • The computer chip works to rid the room of humidity while maintaining the temperature as much as possible. It automatically controls temperature and airflow rate, so manual adjustment of these functions is unavailable.
AUTO	<ul style="list-style-type: none"> • In AUTO operation, the system selects an appropriate operation mode (COOL or HEAT) based on the room and outside temperatures and starts the operation. • The system automatically reselects setting at a regular interval to bring the room temperature to user-setting level.
FAN	<ul style="list-style-type: none"> • This mode is valid for fan only.



■ To change the temperature setting

Press  or  .

• The displayed items on the LCD will change whenever either one of the buttons is pressed.

COOL operation	HEAT operation	AUTO operation	DRY or FAN operation
64-90°F (18-32°C)	50-86°F (10-30°C)	64-86°F (18-30°C)	The temperature setting is not variable.
Press ▲ to raise the temperature and press ▼ to lower the temperature.			

■ Operating conditions

- Recommended temperature setting
 - For cooling: 78-82°F (26-28°C)
 - For heating: 68-75°F (20-24°C)
- Tips for saving energy
 - Be careful not to cool (heat) the room too much.
Keeping the temperature setting at a moderate level helps save energy.
 - Cover windows with a blind or a curtain.
Blocking sunlight and air from outdoors increases the cooling (heating) effect.
 - Clogged air filters cause inefficient operation and waste energy. Clean them once in about every 2 weeks.
- Notes on the operating conditions
 - The air conditioner always consumes a small amount of electricity even while it is not operating.
 - If you are not going to use the air conditioner for a long period, for example in spring or autumn, turn the breaker off.
 - Use the air conditioner in the following conditions.

MODE	Operating conditions	If operation is continued out of this range
COOL	Outdoor temperature : 50-115°F (10-46°C) Indoor temperature : 64-90°F (18-32°C) Indoor humidity : 80% max.	• A safety device may work to stop the operation. (In multi system, it may work to stop the operation of the outdoor unit only.) • Condensation may occur on the indoor unit and drip.
HEAT	Outdoor temperature : 5-75°F (-15-24°C) Indoor temperature : 50-86°F (10-30°C)	• A safety device may work to stop the operation.
DRY	Outdoor temperature : 50-115°F (10-46°C) Indoor temperature : 64-90°F (18-32°C) Indoor humidity : 80% max.	• A safety device may work to stop the operation. • Condensation may occur on the indoor unit and drip.

- Operation outside this humidity or temperature range may cause a safety device to disable the system.

1.6 Adjusting the Airflow Direction and Rate

CTXS07LVJU, FTXS09/12LVJU



Adjusting the Airflow Direction and Rate



You can adjust the airflow direction to increase your comfort.

■ To start auto swing

Upper and lower airflow direction

Press .

- "☯" is displayed on the LCD.
- The louvers (horizontal blades) will begin to swing.



Right and left airflow direction

Press .

- "☰" is displayed on the LCD.
- The fins (vertical blades) will begin to swing.



The 3-D airflow direction

Press and .

- "☯" and "☰" are displayed on the LCD.
- The louvers and fins move in turn.
- To cancel 3-D airflow, press either or again. The louvers or fins will stop moving.




■ To set the louvers or fins at desired position


- This function is effective while louvers or fins are in auto swing mode.


Press and when the louvers or fins have reached the desired position.

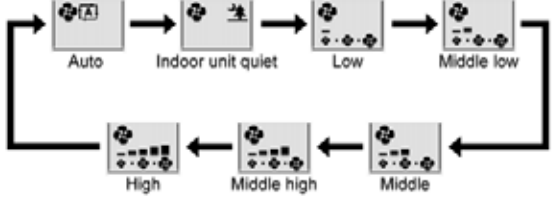
- In the 3-D airflow, the louvers and fins move in turn.
- "☯" or "☰" is no longer displayed on the LCD.




■ To adjust the airflow rate setting

Press  .

- Each pressing of  advances the airflow rate setting in sequence.



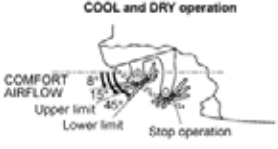
- When the airflow is set to "  ", indoor unit quiet operation will start and the noise from the unit will become quieter.
- In indoor unit quiet operation, the airflow rate is set to a weak level.
- In DRY operation, the airflow rate setting is not variable.

NOTE

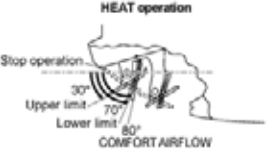
■ **Notes on the angles of the louvers**

- The louvers swinging range depends on the operation. (See the figure.)


COOL and DRY operation



HEAT operation



FAN operation



■ **Note on 3-D airflow**

- Using 3-D airflow circulates cold air, which tends to be collected at the bottom of the room, and hot air, which tends to collect near the ceiling, throughout the room, preventing areas of cold and hot developing.

■ **Note on airflow rate setting**

- At smaller airflow rates, the cooling (heating) effect is also smaller.

⚠ CAUTION

- Always use a remote controller to adjust the angles of the louvers and fins. If you attempt to move the louvers and fins forcibly with hand when they are swinging, the mechanism may be broken.
- Always use a remote controller to adjust the fins angles. Inside the air outlet, a fan is rotating at a high speed.

FTXS15/18/24LVJU



Adjusting the Airflow Direction and Rate



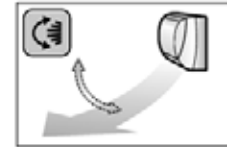
You can adjust the airflow direction to increase your comfort.

■ To start auto swing

Upper and lower airflow direction

Press .

- "↕" is displayed on the LCD.
- The louvers (horizontal blades) will begin to swing.



Right and left airflow direction



Press .

- "↔" is displayed on the LCD.
- The fins (vertical blades) will begin to swing.



The 3-D airflow direction

Press  and .

- "↕" and "↔" are displayed on the LCD.
- The louvers and fins move in turn.
- To cancel 3-D airflow, press either  or  again. The louvers or fins will stop moving.




■ To set the louvers or fins at desired position


- This function is effective while louvers or fins are in auto swing mode.


Press  and  when the louvers or fins have reached the desired position.

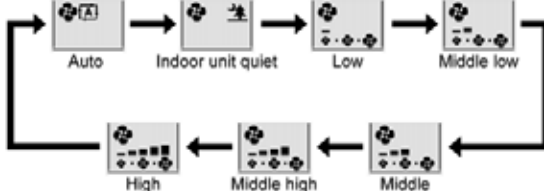
- In the 3-D airflow, the louvers and fins move in turn.
- "↕" or "↔" is no longer displayed on the LCD.




■ To adjust the airflow rate setting

Press .

- Each pressing of  advances the airflow rate setting in sequence.



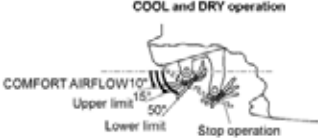
- When the airflow is set to "  ", indoor unit quiet operation will start and the noise from the unit will become quieter.
- In indoor unit quiet operation, the airflow rate is set to a weak level.
- In DRY operation, the airflow rate setting is not variable.

NOTE

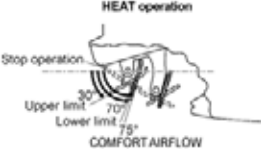
■ **Notes on the angles of the louvers**

- The louvers swinging range depends on the operation. (See the figure.)


COOL and DRY operation



HEAT operation



FAN operation



- **Note on 3-D airflow**
 - Using 3-D airflow circulates cold air, which tends to be collected at the bottom of the room, and hot air, which tends to collect near the ceiling, throughout the room, preventing areas of cold and hot developing.
- **Note on airflow rate setting**
 - At smaller airflow rates, the cooling (heating) effect is also smaller.

⚠ CAUTION

- Always use a remote controller to adjust the angles of the louvers and fins. If you attempt to move the louvers and fins forcibly with hand when they are swinging, the mechanism may be broken.
- Always use a remote controller to adjust the fins angles. Inside the air outlet, a fan is rotating at a high speed.

446

Operation Manual




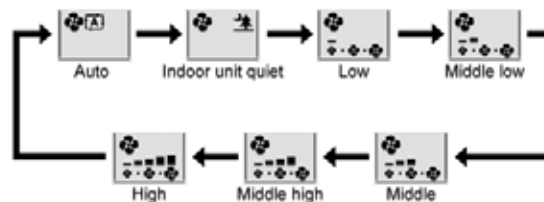
Adjusting the Airflow Rate




■ To adjust the airflow rate setting

Press .

- Each pressing of  advances the airflow rate setting in sequence.



- When the airflow is set to "  ", indoor unit quiet operation will start and the noise from the unit will become quieter.
- In indoor unit quiet operation, the airflow rate is set to a weak level.
- In DRY operation, the airflow rate setting is not variable.

NOTE

■ Note on airflow rate setting

- At smaller airflow rates, the cooling (heating) effect is also smaller.

FVXS Series

Basic Operation



Adjusting the Airflow Rate

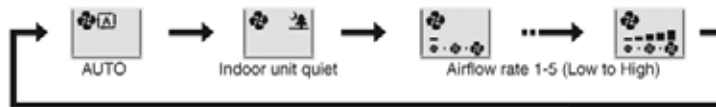


You can adjust the airflow rate to increase your comfort.

To adjust the airflow rate setting

Press .

- Each pressing of changes the airflow rate setting in sequence.



- When the airflow is set to " ", quiet operation starts and noise from the indoor unit will become quieter.
- In the quiet operation mode, the airflow rate is set to a weak level.

AUTO, COOL, HEAT and FAN operation				DRY operation
				The airflow rate setting cannot be changed.

NOTE

Note on airflow rate setting

- At smaller airflow rates, the cooling (heating) effect is also smaller.

Tips for saving energy

Keeping the temperature setting at a moderate level helps save energy.

- Recommended temperature setting
 - For cooling: 78-82°F (26-28°C)
 - For heating: 68-75°F (20-24°C)

Cover windows with a blind or a curtain.

- Blocking sunlight and air from outdoors increases the cooling (heating) effect.

Keep the air filter clean.

- A clogged air filter causes inefficient operation and wastes energy. Clean it once every 2 weeks.

If you are not going to use the air conditioner for a long period, for example in spring or autumn, turn off the circuit breaker.

- The air conditioner always consumes a small amount of electricity even while it is not operating.



Basic Operation



Adjusting the Airflow Direction



You can adjust the airflow direction to increase your comfort.

CAUTION

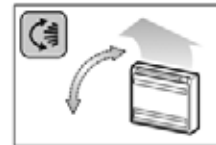
- Always use a remote controller to adjust the angles of the flap. Moving the flap forcibly by hand may cause a malfunction.
- Be careful when adjusting the louvers. Inside the air outlet, a fan is rotating at a high speed.

To start auto swing

Up and down airflow direction

Press **Swing**.

- "⏪" is displayed on the LCD.
- The flaps (horizontal blades) will begin to swing.



To set the flap at the desired position

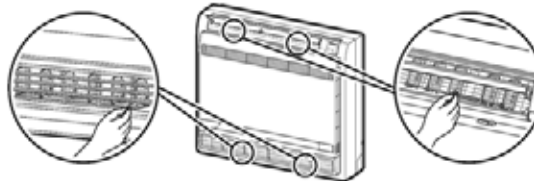
- This function is effective while the flap is in auto swing mode.

Press **Swing** when the flap reaches the desired position.

- "⏪" disappears from the LCD.

To adjust the louvers at desired position

Hold the knobs and move the louvers (vertical blades).

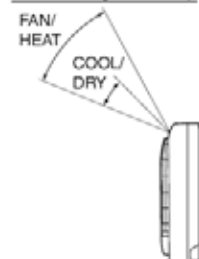


NOTE

Note on airflow direction setting

- The movable range of the flap varies according to the operation mode.
- Unless "Swing" is selected, you should set the flap at a near-horizontal angle in FAN or HEAT operation and at a upward position in COOL or DRY operation to obtain the best performance.


Movable range of the flap









Basic Operation

Air outlet selection

- Make air outlet selection according to what suits you.

When setting the air outlet selection switch to 

- Air conditioner automatically decides the appropriate blowing pattern depending on the operating mode/situation.

Mode	Situation	Blowing pattern	
COOL (❄️)	At start of operation or when the room is not fully cooled.		Air blows from the upper and lower air outlets in order to reach the set temperature quickly.
	When the room has become fully cool, or when 1 hour has passed since turning on the air conditioner.		Air blows only from the upper air outlet so that air does not come into direct contact with people and indoor temperature is equalized.
HEAT (🔥)	At start or when the room is not fully warmed.		Air blows from the upper and lower air outlets in order to reach the set temperature quickly.
	At times other than the above situations.		Air blows only from the upper air outlet so that air does not come into direct contact with people.
DRY (☀️)	Whenever in DRY mode.		Air blows only from the upper air outlet so that air does not come into direct contact with people.
FAN (🌀)	Whenever in FAN mode.		
AUTO (⏸️)	Operates in the actual operation mode of the air conditioner according to the descriptions in this table. (COOL or HEAT)		

When setting the air outlet selection switch to 

- Regardless of the operating mode or situation, air blows from the upper air outlet.
- Use this switch when you do not want air coming out of the lower air outlet. (While sleeping, etc.)

1.7 COMFORT AIRFLOW / INTELLIGENT EYE Operation



COMFORT AIRFLOW / INTELLIGENT EYE Operation

COMFORT AIRFLOW operation

The flow of air will be in the upward direction while in COOL operation and in the downward direction while in HEAT operation, which will provide a comfortable wind that will not come in direct contact with people.



COOL operation

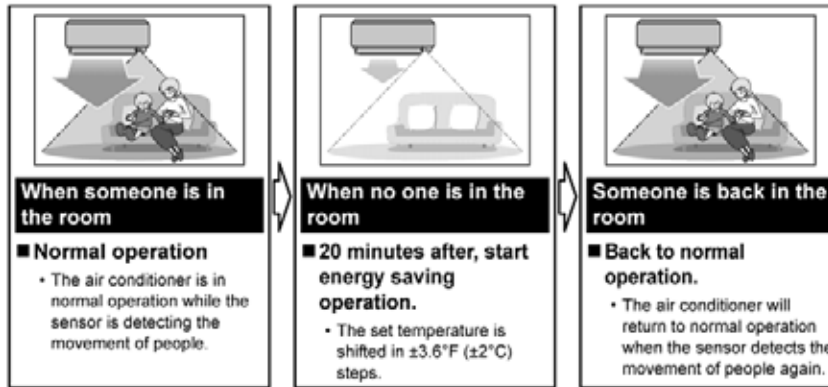


HEAT operation

INTELLIGENT EYE operation

"INTELLIGENT EYE" is the infrared sensor which detects the human movement. If no one is in the room for more than 20 minutes, the operation automatically changes to energy saving operation.

[Example]



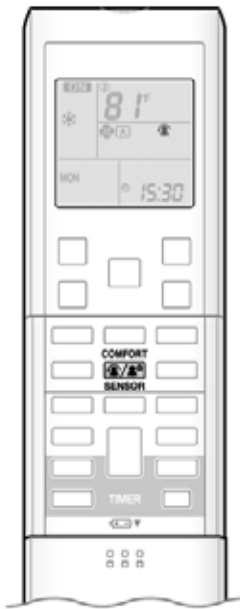
INTELLIGENT EYE operation is useful for energy saving

Energy saving operation

- If no presence detected in the room for 20 minutes, the energy saving operation will start.
- This operation changes the temperature -3.6°F (-2°C) in HEAT / $+3.6^{\circ}\text{F}$ ($+2^{\circ}\text{C}$) in COOL / $+3.6^{\circ}\text{F}$ ($+2^{\circ}\text{C}$) in DRY operation from set temperature. When the room temperature exceeds 86°F (30°C), the operation changes the temperature $+1.8^{\circ}\text{F}$ ($+1^{\circ}\text{C}$) in COOL / $+1.8^{\circ}\text{F}$ ($+1^{\circ}\text{C}$) in DRY operation from set temperature.
- This operation decreases the airflow rate slightly in FAN mode only.


Combination COMFORT AIRFLOW and INTELLIGENT EYE operation

The air conditioner can go into operation with the COMFORT AIRFLOW and INTELLIGENT EYE functions combined.



■ To start operation

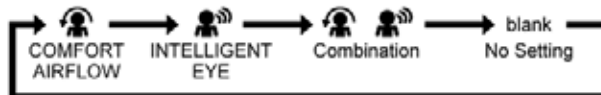
Press  and select the desired mode.

- Each time the  is pressed a different setting option is displayed on the LCD.
- The INTELLIGENT EYE lamp lights green.



Display

- By selecting "" from the following icons, the air conditioner will be in COMFORT AIRFLOW operation combined with INTELLIGENT EYE operation.



- When the louvers (horizontal blades) are swinging, the operating as above will stop movement of them.
- The lamp will be lit while human movements are detected.

■ To cancel operation

Press  and select "blank" on the LCD.

- The INTELLIGENT EYE lamp goes off.

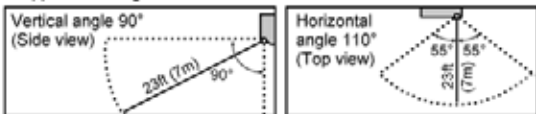
NOTE

■ Notes on COMFORT AIRFLOW operation

- The louver position will change, preventing air from blowing directly on the occupants of the room.
- POWERFUL operation and COMFORT AIRFLOW operation cannot be used at the same time. Priority is given to the function of whichever button is pressed last.
- The airflow rate will be set to AUTO. If the upper and lower airflow direction is selected, the COMFORT AIRFLOW function will be canceled.

■ Notes on INTELLIGENT EYE operation

- Application range is as follows.



- Sensor may not detect moving objects further than 23ft (7m) away. (Check the application range)
- Sensor detection sensitivity changes according to indoor unit location, the speed of passersby, temperature range, etc.
- The sensor also mistakenly detects pets, sunlight, fluttering curtains and light reflected off of mirrors as passersby.
- INTELLIGENT EYE operation will not go on during POWERFUL operation.
- NIGHT SET mode will not go on during use of INTELLIGENT EYE operation.

■ Notes on combination of COMFORT AIRFLOW operation and INTELLIGENT EYE operation

- The airflow rate will be set to AUTO. If the upper and lower airflow direction is selected, the COMFORT AIRFLOW operation will be canceled. Priority is given to the function of whichever button is pressed last.

⚠ CAUTION

- Do not place large objects near the sensor.
Also keep heating units or humidifiers outside the sensor's detection area. This sensor can detect undesirable objects.
- Do not hit or violently push the INTELLIGENT EYE sensor. This can lead to damage and malfunction.

1.8 POWERFUL Operation




POWERFUL Operation



POWERFUL operation quickly maximizes the cooling (heating) effect in any operation mode. You can get the maximum capacity.

■ To start POWERFUL operation

Press  during operation.

- POWERFUL operation ends in 20 minutes. Then the system automatically operates again with the previous settings which were used before POWERFUL operation.
- "⤴" is displayed on the LCD.

■ To cancel POWERFUL operation

Press  again.


- "⤴" is no longer displayed on the LCD.

[Example]



NOTE

■ Notes on POWERFUL operation

- When using POWERFUL operation, there are some functions which are not available.
- POWERFUL operation cannot be used together with ECONO, COMFORT AIRFLOW or OUTDOOR UNIT QUIET operation. Priority is given to the function of whichever button is pressed last.
- POWERFUL operation can only be set when the unit is running. Pressing  causes the settings to be canceled, and "⤴" is no longer displayed on the LCD.
- POWERFUL operation will not increase the capacity of the air conditioner if the air conditioner is already in operation with its maximum capacity demonstrated.
- **In COOL, HEAT and AUTO operation**
To maximize the cooling (heating) effect, the capacity of outdoor unit is increased and the airflow rate is fixed to the maximum setting. The temperature and airflow settings are not variable.
- **In DRY operation**
The temperature setting is lowered by 4.5°F (2.5°C) and the airflow rate is slightly increased.
- **In FAN operation**
The airflow rate is fixed to the maximum setting.

1.9 POWERFUL / ECONO / OUTDOOR UNIT QUIET Operation

Useful Functions




POWERFUL Operation



POWERFUL operation quickly maximizes the cooling (heating) effect in any operation mode. In this mode, the air conditioner operates at maximum capacity.

To start POWERFUL operation

▶ Press  during operation.

- "  " is displayed on the LCD.
- POWERFUL operation ends in 20 minutes. Then the system automatically operates again with the previous settings which were used before POWERFUL operation.

To cancel POWERFUL operation

▶ Press  again.

- "  " disappears from the LCD.




ECONO Operation




ECONO operation enables efficient operation by limiting the maximum power consumption.

This function is useful to prevent the circuit breaker from tripping when the unit operates alongside other appliances on the same circuit.

To start ECONO operation

▶ Press  during operation.

- "  " is displayed on the LCD.
- Not available in FAN ONLY mode.

To cancel ECONO operation

▶ Press  again.

- "  " disappears from the LCD.



OUTDOOR UNIT QUIET Operation



OUTDOOR UNIT QUIET operation lowers the noise level of the outdoor unit by changing the frequency and fan speed of the outdoor unit. This function is convenient during the night-time operation.

To start OUTDOOR UNIT QUIET operation



- Press  .
- " " is displayed on the LCD.

To cancel OUTDOOR UNIT QUIET operation



- Press  again.
- " " disappears from the LCD.

NOTE


Notes on POWERFUL operation

- Pressing  causes the settings to be canceled, and " " disappears from the LCD.
- POWERFUL operation will not increase the capacity of the air conditioner if the air conditioner is already in operation with its maximum capacity demonstrated.
 - In COOL, HEAT and AUTO operation
To maximize the cooling (heating) effect, the capacity of outdoor unit increases and the airflow rate becomes fixed at the maximum setting. The temperature setting cannot be changed.
 - In DRY operation
The temperature setting is lowered by 4.5°F (2.5°C) and the airflow rate is slightly increased.
 - In FAN ONLY operation
The airflow rate is fixed at the maximum setting.
 - When using priority room setting
See "Note for Multi System".

Notes on ECONO operation

- Pressing  causes the settings to be canceled, and " " disappears from the LCD.
- If the power consumption level is already low, switching to ECONO operation will not reduce the power consumption.

Notes on OUTDOOR UNIT QUIET operation

- If using a multi system, the OUTDOOR UNIT QUIET operation will work only when this function is set on all operated indoor units. However, if using priority room setting, refer to "Note for Multi System".
- Even if the operation is stopped by using the remote controller or the indoor unit ON/OFF switch when using OUTDOOR UNIT QUIET operation, " " will remain lit on the remote controller display.
- OUTDOOR UNIT QUIET operation will not reduce the frequency nor fan speed if they already are operating at reduced levels.
- This operation is performed with lower power and therefore may not provide a sufficient cooling (heating) effect.

Possible combinations of ECONO / OUTDOOR UNIT QUIET operation and basic operations

	Operation mode				
	AUTO	DRY	COOL	HEAT	FAN
ECONO	✓	✓	✓	✓	-
OUTDOOR UNIT QUIET	✓	-	✓	✓	-

Some useful functions can be used together.

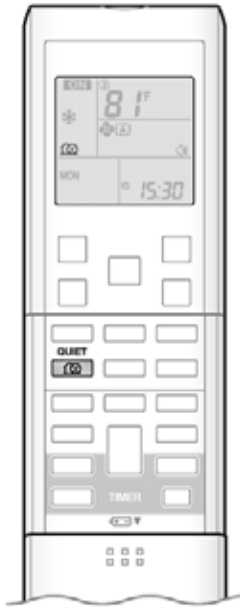
OUTDOOR UNIT QUIET + ECONO	Available
POWERFUL + OUTDOOR UNIT QUIET	Not available*
POWERFUL + ECONO	Not available*

*Priority is given to the function of whichever button is pressed last.

1.10 OUTDOOR UNIT QUIET Operation



OUTDOOR UNIT QUIET Operation



OUTDOOR UNIT QUIET operation lowers the noise level of the outdoor unit by changing the frequency and fan speed on the outdoor unit. This function is convenient during the night.

■ To start OUTDOOR UNIT QUIET operation

Press .

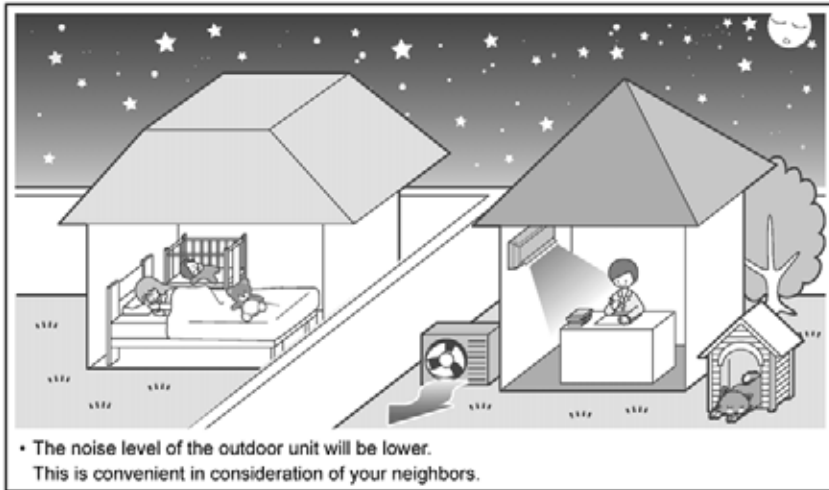
- "🏠" is displayed on the LCD.

■ To cancel OUTDOOR UNIT QUIET operation

Press  again.

- "🏠" is no longer displayed on the LCD.

[Example] Using the OUTDOOR UNIT QUIET operation during the night.



- The noise level of the outdoor unit will be lower.
This is convenient in consideration of your neighbors.

NOTE

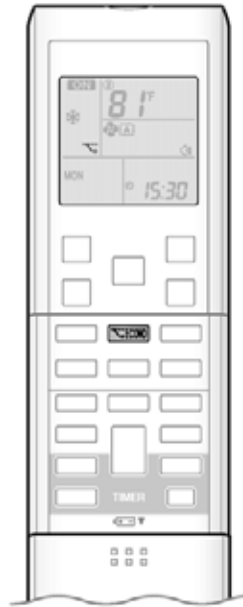
■ Notes on OUTDOOR UNIT QUIET operation

- If using a multi system, the OUTDOOR UNIT QUIET operation will work only when this function is set on all operated indoor units. However, if using priority room setting, refer to "Note for multi system".
- This function is available in COOL, HEAT, and AUTO operation.
This is not available in FAN and DRY operation.
- POWERFUL operation and OUTDOOR UNIT QUIET operation cannot be used at the same time.
Priority is given to the function of whichever button is pressed last.
- Even the operation is stopped using the remote controller or the indoor unit ON/OFF switch when using OUTDOOR UNIT QUIET operation, "🏠" will remain on the remote controller display.
- OUTDOOR UNIT QUIET operation will drop neither the frequency nor fan speed if they have been already dropped low enough.

1.11 ECONO Operation



ECONO Operation



ECONO operation is a function which enables efficient operation by limiting the maximum power consumption value. This function is useful for cases in which attention should be paid to ensure a circuit breaker will not trip when the product runs alongside other appliances.

■ To start ECONO operation

Press during operation.

- is displayed on the LCD.

■ To cancel ECONO operation

Press again.

- is no longer displayed on the LCD.

[Example]

Normal operation

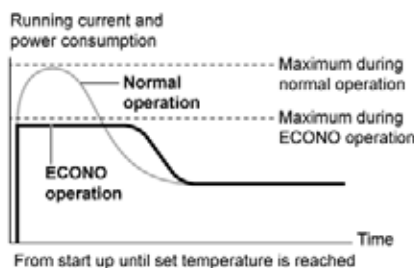


- In case the air conditioner and other appliances which require high power consumption are used at same time, a circuit breaker may trip if the air conditioner operate with its maximum capacity.

ECONO operation



- The maximum power consumption of the air conditioner is limited by using ECONO operation. The circuit breaker is unlikely to trip even if the air conditioner and other appliances are used at same time.



- This diagram is a representation for illustrative purposes only. The maximum running current and power consumption of the air conditioner in ECONO operation vary with the connecting outdoor unit.

NOTE

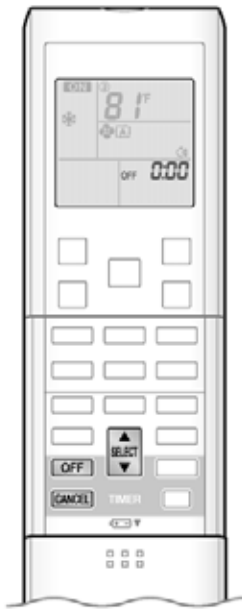
■ Notes on ECONO operation

- ECONO operation can only be set when the unit is running. Pressing causes the settings to be canceled, and is no longer displayed on the LCD.
- ECONO operation functions in AUTO, COOL, DRY, and HEAT operation.
- POWERFUL and ECONO operation cannot be used at the same time. Priority is given to the function of whichever button is pressed last.
- If the level of power consumption is already low, ECONO operation will not drop the power consumption.

1.12 OFF TIMER Operation



OFF TIMER Operation



Timer functions are useful for automatically switching the air conditioner on or off at night or in the morning. You can also use OFF TIMER and ON TIMER in combination.

■ To use OFF TIMER operation

- Check that the clock is correct.
If not, set the clock to the present time.

1. Press **OFF**.



- "0:00" is displayed on the LCD.
- "OFF" blinks.

- "⊙" is no longer displayed on the LCD.

2. Press **SELECT** until the time setting reaches the point you like.

- Each pressing of either button increases or decreases the time setting by 10 minutes. Holding down either button changes the time setting rapidly.

3. Press **OFF** again.

- "OFF" and setting time are displayed on the LCD.
- The TIMER lamp lights yellow.



Display

■ To cancel OFF TIMER operation

Press **CANCEL**.

- "OFF" and setting time are no longer displayed on the LCD.
- "⊙" and day of the week are displayed on the LCD.
- The TIMER lamp goes off.

NOTE

■ Notes on TIMER operation

- When TIMER is set, the present time is not displayed.
- Once you set ON/OFF TIMER, the time setting is kept in the memory. The memory is canceled when remote controller batteries are replaced.
- When operating the unit via the ON/OFF TIMER, the actual length of operation may vary from the time entered by the user. (Maximum approximately 10 minutes)

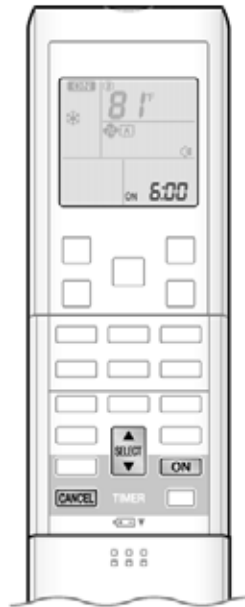
■ NIGHT SET mode

- When the OFF TIMER is set, the air conditioner automatically adjusts the temperature setting (0.9°F (0.5°C) up in COOL, 3.6°F (2.0°C) down in HEAT) to prevent excessive cooling (heating) for your pleasant sleep.

1.13 ON TIMER Operation



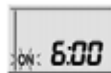
ON TIMER Operation



■ To use ON TIMER operation

- Check that the clock is correct.
If not, set the clock to the present time.

1. Press **ON**.



- "6:00" is displayed on the LCD.
- "ON" blinks.

- "⊙" and day of the week are no longer displayed on the LCD.

2. Press **SELECT** until the time setting reaches the point you like.



- Each pressing of either button increases or decreases the time setting by 10 minutes.
Holding down either button changes the setting rapidly.

3. Press **ON** again.

- "ON" and setting time are displayed on the LCD.
- The TIMER lamp lights yellow.



Display

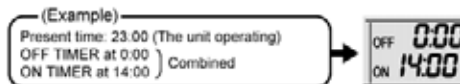
■ To cancel ON TIMER operation

Press **CANCEL**.

- "ON" and setting time are no longer displayed on the LCD.
- "⊙" and day of the week are displayed on the LCD.
- The TIMER lamp goes off.

■ To combine ON TIMER and OFF TIMER

- A sample setting for combining the 2 timers is shown below.



NOTE

- In the following cases, set the timer again.
 - After a breaker has turned off.
 - After a power failure.
 - After replacing batteries in the remote controller.

1.14 WEEKLY TIMER Operation

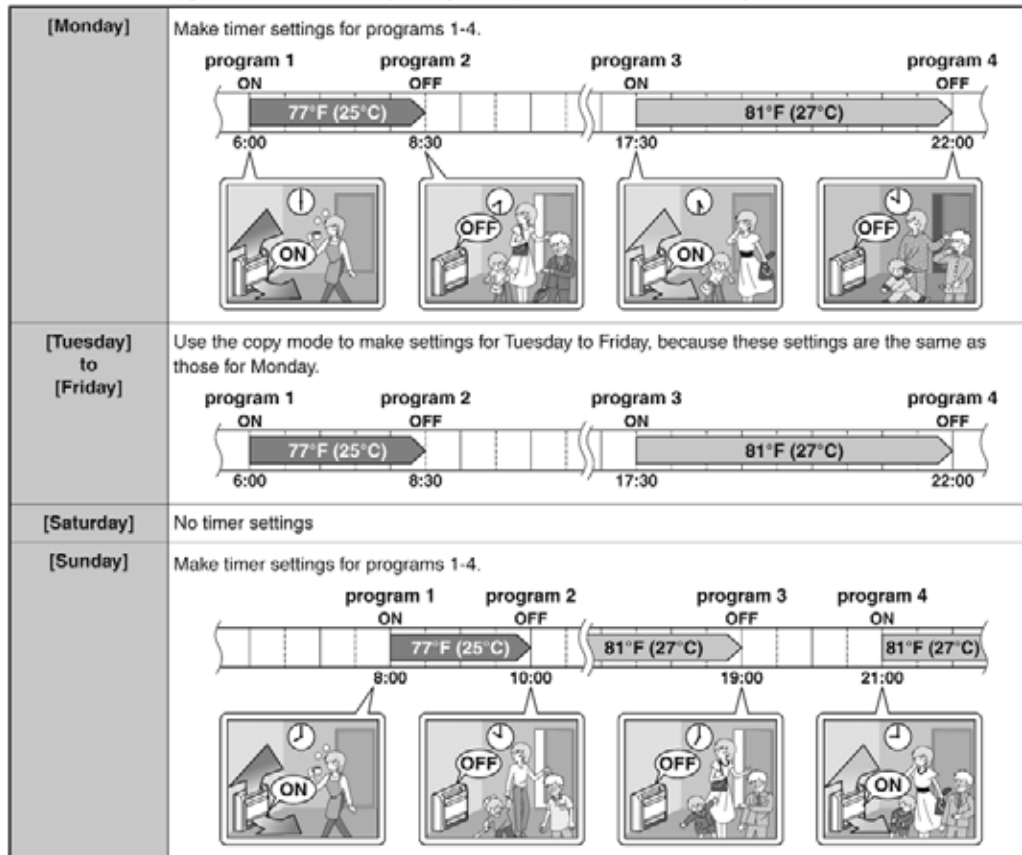


WEEKLY TIMER Operation

Up to 4 timer settings can be saved for each day of the week. This is convenient to adapt the WEEKLY TIMER to your family's life style.

Setting example of the WEEKLY TIMER

The same timer settings are used from Monday through Friday, while different timer settings are used for the weekend.



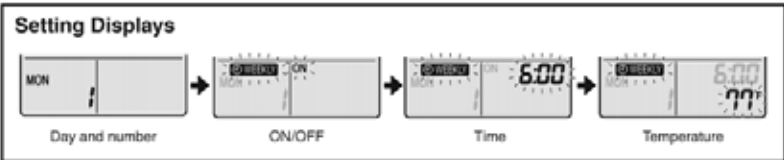
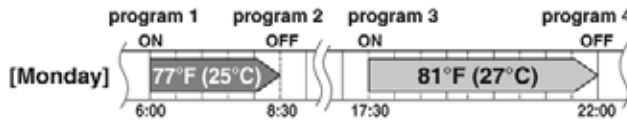
- Up to 4 reservations per day and 28 reservations per week can be set using the WEEKLY TIMER. The effective use of the copy mode simplifies timer programming.
- The use of ON-ON-ON-ON settings, for example, makes it possible to schedule operating mode and set temperature changes. Furthermore, by using OFF-OFF-OFF-OFF settings, only the turn off time of each day can be set. This will turn off the air conditioner automatically if you forget to turn it off.



To use WEEKLY TIMER operation

Setting mode

- Make sure the day of the week and time are set. If not, set the day of the week and time.



1. Press [Up Arrow].

- The day of the week and the reservation number of the current day will be displayed.
- 1 to 4 settings can be made per day.

2. Press [Select] to select the desired day of the week and reservation number.

- Pressing [Select] changes the reservation number and the day of the week.

3. Press [Next].

- The day of the week and reservation number will be set.
- "WEEKLY" and "ON" blink.

4. Press [Select] to select the desired mode.

- Pressing [Select] changes the "ON" or "OFF" setting in sequence.



- In case the reservation has already been set, selecting "blank" deletes the reservation.
- Proceed to **STEP 9** if "blank" is selected.
- To return to the day of the week and reservation number setting, press [Back].

5. Press [Next].


- The ON/OFF TIMER mode will be set.
- "WEEKLY" and the time blink.



WEEKLY TIMER Operation




6. Press to select the desired time.

- The time can be set between 0:00 and 23:50 in 10-minute intervals.
- To return to the ON/OFF TIMER mode setting, press .
- Proceed to **STEP 9** when setting the OFF TIMER.

7. Press .

- The time will be set.
- "ON WEEKLY" and the temperature blink.

8. Press to select the desired temperature.

- The temperature can be set between 50°F (10°C) and 90°F (32°C).
COOL or AUTO: The unit operates at 64°F (18°C) even if it is set at 50°F (10°C) to 63°F (17°C).
HEAT or AUTO: The unit operates at 86°F (30°C) even if it is set at 87°F (31°C) to 90°F (32°C).
- To return to the time setting, press .
- The set temperature is only displayed when the mode setting is on.

9. Press .

- The temperature will be set and go to the next reservation setting.
- The temperature is set while in ON TIMER operation, and the time is set while in OFF TIMER operation.
- The next reservation screen will appear.
- To continue further settings, repeat the procedure from **STEP 4**.

10. Press to complete the setting.

- Be sure to direct the remote controller toward the indoor unit and check for a receiving tone and blinking of the OPERATION lamp.
- "ON WEEKLY" is displayed on the LCD and WEEKLY TIMER operation is activated.
- The TIMER lamp lights orange.





Display

- A reservation made once can be easily copied and the same settings used for another day of the week. Refer to **Copy mode**.

NOTE

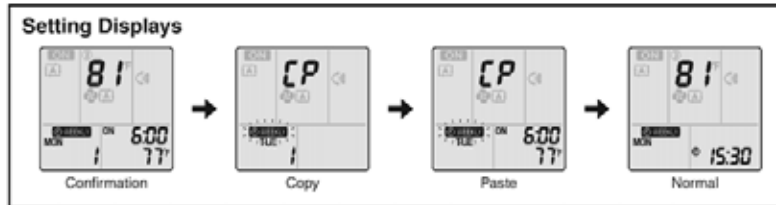
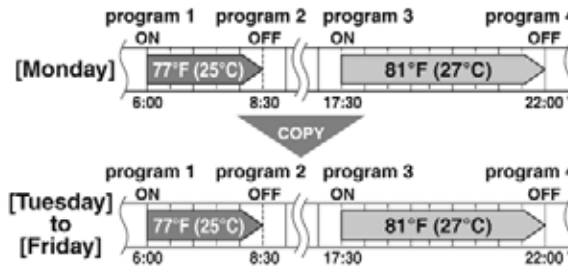
Notes on WEEKLY TIMER operation

- Do not forget to set the clock on the remote controller first.
- The day of the week, ON/OFF TIMER mode, time and set temperature (only for ON TIMER mode) can be set with the WEEKLY TIMER. Other settings for the ON TIMER are based on the settings just before the operation.
- WEEKLY TIMER and ON/OFF TIMER operation cannot be used at the same time. The ON/OFF TIMER operation has priority if it is set while WEEKLY TIMER is still active. The WEEKLY TIMER will enter the standby state, and "ON WEEKLY" will disappear from the LCD. When the ON/OFF TIMER is up, the WEEKLY TIMER will automatically become active.
- Only the time and set temperature with the WEEKLY TIMER are sent with the . Set the WEEKLY TIMER only after setting the operation mode, the airflow rate and the airflow direction ahead of time.
- Turning off the circuit breaker, power failure, and other similar events will render operation of the indoor unit's internal clock inaccurate. Reset the clock.
-  can be used only for the time and temperature settings. It cannot be used to go back to the reservation number.



Copy mode

- A reservation made once can be copied to another day of the week. The whole reservation of the selected day of the week will be copied.



1. Press .
2. Press to confirm the day of the week to be copied.
3. Press .
 - The whole reservation of the selected day of the week will be copied.
4. Press to select the destination day of the week.
5. Press .
 - The reservation will be copied to the selected day of the week. The whole reservation of the selected day of the week will be copied.
 - To continue copying the settings to other days of the week, repeat **STEP 4** and **STEP 5**.
6. Press to complete the setting.
 - " WEEKLY " is displayed on the LCD and WEEKLY TIMER operation is activated.

NOTE

Note on COPY MODE

- The entire reservation of the source day of the week is copied in the copy mode.
- In the case of making a reservation change for any day of the week individually after copying the content of weekly reservations, press and change the settings in the steps of **Setting mode**.



WEEKLY TIMER Operation



Confirming a reservation

- The reservation can be confirmed.



1. Press .

- The day of the week and the reservation number of the current day will be displayed.

2. Press to select the day of the week and the reservation number to be confirmed.

- Pressing displays the reservation details.
- To change the confirmed reserved settings, select the reservation number and press . The mode is switched to setting mode. Proceed to **Setting mode STEP 4**.

3. Press to exit the confirmation mode.

- " WEEKLY" is displayed on the LCD and WEEKLY TIMER operation is activated.
- The TIMER lamp lights orange.



Display

To deactivate WEEKLY TIMER operation

Press while " WEEKLY" is displayed on the LCD.

- " WEEKLY" disappears from the LCD.
- The TIMER lamp goes off.
- To reactivate the WEEKLY TIMER operation, press again.
- If a reservation deactivated with is activated once again, the last reservation mode will be used.

NOTE

- If not all the reservation settings are reflected, deactivate the WEEKLY TIMER operation once. Then press again to reactivate the WEEKLY TIMER operation.



To delete reservations

An individual reservation

- 1. Press** .
 • The day of the week and the reservation number will be displayed.
 - 2. Press** **to select the day of the week and the reservation number to be deleted.**
 - 3. Press** .
 • "WEEKLY" and "ON" or "OFF" blink.
 - 4. Press** **until no icon is displayed.**
 • Pressing changes the ON/OFF TIMER mode in sequence.
 • Selecting "blank" will cancel any reservation you may have.
-
- 5. Press** .
 • The selected reservation will be deleted.
 - 6. Press** .
 • If there are still other reservations, WEEKLY TIMER operation will be activated.

Reservations for each day of the week

- This function can be used for deleting reservations for each day of the week.
 - It can be used while confirming or setting reservations.
- 1. Press** .
 • The day of the week and the reservation number will be displayed.
 - 2. Press** **to select the day of the week to be deleted.**
 - 3. Hold** **for about 5 seconds.**
 • The reservation of the selected day of the week will be deleted.
 - 4. Press** .
 • If there are still other reservations, WEEKLY TIMER operation will be activated.

All reservations

- **Hold** **for about 5 seconds with the normal display.**
 - Be sure to direct the remote controller toward the indoor unit and check for a receiving tone.
 - This operation cannot be used for the WEEKLY TIMER setting display.
 - All reservations will be deleted.

1.15 Note for Multi System

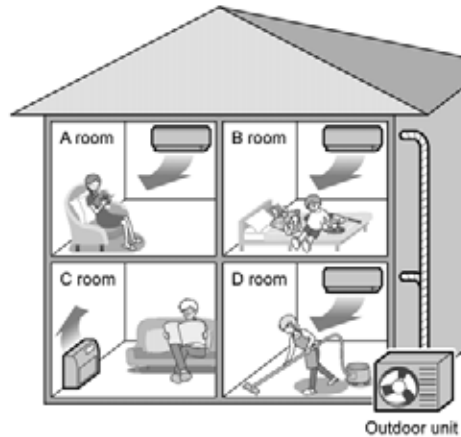
Note for Multi System

Multi system has one outdoor unit connected to multiple indoor units.

■ Selecting the operation mode

With the priority room setting present but inactive or not present.

When more than one indoor unit is operating, priority is given to the first unit that was turned on.
In this case, set the units that are turned on later to the same operation mode as the first unit.
Otherwise, they will enter the standby state, and the OPERATION lamp will flash: this does not indicate malfunction.



NOTE

■ Notes on operation mode for multi system

- COOL, DRY and FAN operation may be used at the same time.
- AUTO operation automatically selects COOL operation or HEAT operation based on the room temperature.
Therefore, AUTO operation is available when selecting the same operation mode as that of the room with the first unit to be turned on.

⚠ CAUTION

- Normally, the operation mode in the room where the unit is first run is given priority, but the following situations are exceptions, so please keep this in mind.
If the operation mode of the first room is **FAN operation**, then using **HEAT operation** in any room after this will give priority to **HEAT operation**. In this situation, the air conditioner running in FAN operation will go on standby, and the OPERATION lamp will flash.

With the priority room setting active.

Refer to "Priority room setting" on the next page.

■ NIGHT QUIET mode (Available only for COOL operation)

NIGHT QUIET mode requires initial programming during installation. Please consult your retailer or dealer for assistance.
NIGHT QUIET mode reduces the operation noise of the outdoor unit during the nighttime hours to prevent annoyance to neighbors.

- The NIGHT QUIET mode is activated when the temperature drops 10.8°F (6°C) or more below the highest temperature recorded that day.
Therefore, when the temperature difference is less than 7.2°F (4°C), this function will not be activated.
- NIGHT QUIET mode reduces slightly the cooling efficiency of the unit.

■ OUTDOOR UNIT QUIET operation

Refer to "OUTDOOR UNIT QUIET operation".

With the priority room setting present but inactive or not present.

When using the OUTDOOR UNIT QUIET operation feature with the Multi system, set all indoor units to OUTDOOR UNIT QUIET operation using their remote controllers.

When clearing OUTDOOR UNIT QUIET operation, clear one of the operating indoor units using their remote controller.

However OUTDOOR UNIT QUIET operation display remains on the remote controller for other rooms.

We recommend you release all rooms using their remote controllers.

With the priority room setting active.

Refer to "Priority room setting" on the next page.

Note for Multi System

■ COOL / HEAT mode lock

The COOL / HEAT mode lock requires initial programming during installation. Please consult your authorized dealer for assistance. The COOL / HEAT mode lock sets the unit forcibly to either COOL or HEAT operation. This function is convenient when you wish to set all indoor units connected to the multi system to the same operation mode.

■ Priority room setting

The priority room setting requires initial programming during installation. Please consult your authorized dealer for assistance. The room designated as the priority room takes priority in the following situations.

Operation mode priority

- As the operation mode of the priority room takes precedence, the user can select a different operation mode from other rooms.

[Example]

- Room A is the priority room in the examples.

When COOL operation is selected in room A while operating the following modes in room B, C and D :

Operation mode in room B, C and D	Status of room B, C and D when the unit in room A is in COOL operation
COOL or DRY or FAN	Current operation mode maintained
HEAT	The unit enters standby mode. Operation resumes when the room A unit stops operating.
AUTO	If the unit is set to COOL operation, it continues. If the unit is set to HEAT operation, it enters standby mode. Operation resumes when the room A unit stops operating.

Priority when POWERFUL operation is used

[Example]

- Room A is the priority room in the examples.

The indoor units in rooms A, B, C and D are all operating. If the unit in room A enters POWERFUL operation, operation capacity will be concentrated in room A. In such a case, the cooling (heating) efficiency of the units in room B, C and D may be slightly reduced.

Priority when using OUTDOOR UNIT QUIET operation

[Example]

- Room A is the priority room in the examples.

Just by setting the unit in room A to QUIET operation, the air conditioner starts OUTDOOR UNIT QUIET operation.

You don't have to set all the operated indoor units to QUIET operation.

1.16 Care and Cleaning

CTXS, FTXS Series

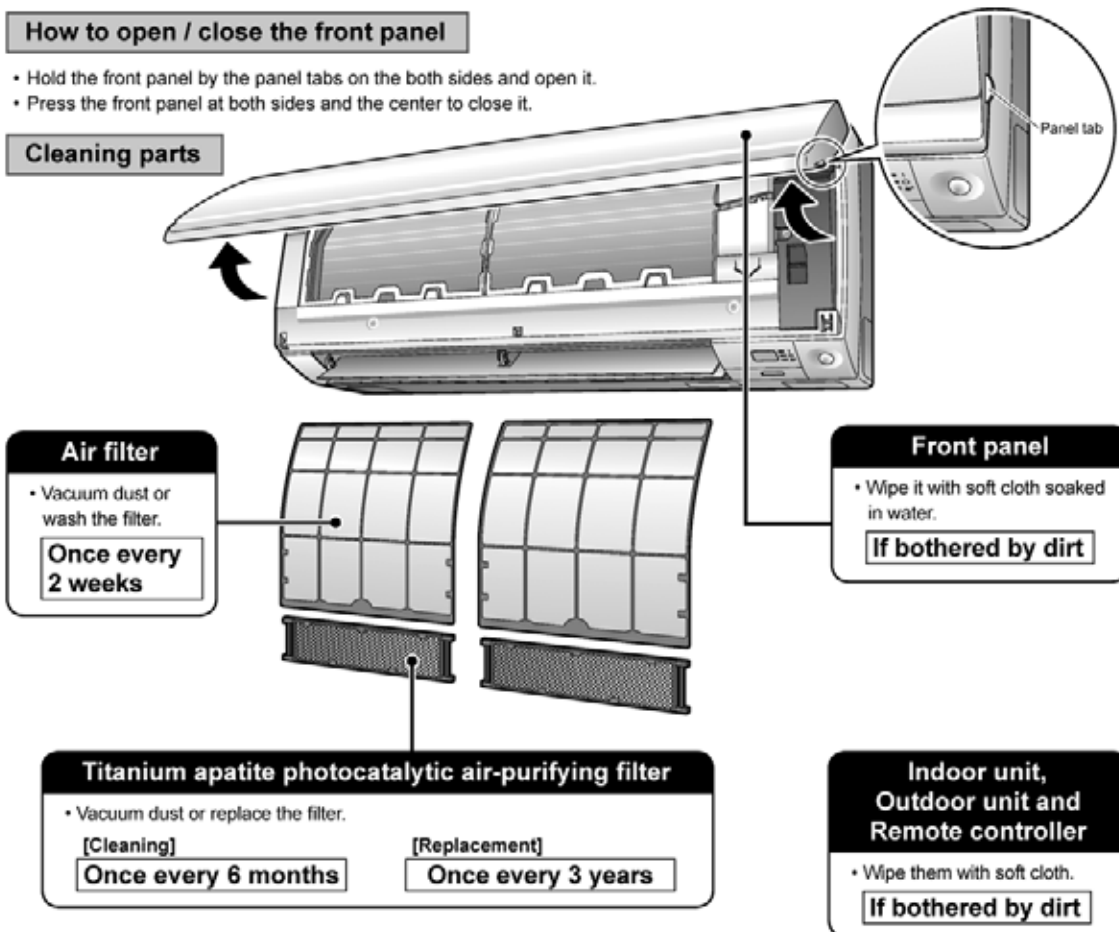
Care and Cleaning

■ Quick reference

How to open / close the front panel

- Hold the front panel by the panel tabs on the both sides and open it.
- Press the front panel at both sides and the center to close it.

Cleaning parts



Notes on cleaning

■ For cleaning, do not use the materials as follows.

- Hot water above 104°F (40°C).
- Benzine, gasoline, thinner, other volatile oils.
- Polishing compound.
- Scrubbing brushes, other hard stuff.



⚠ CAUTION

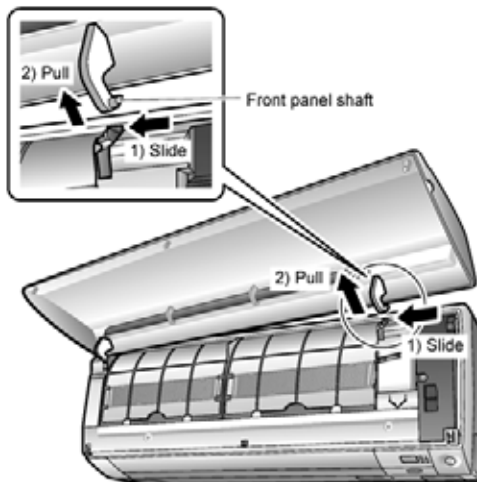
- Before cleaning, be sure to stop the operation and turn the breaker off.
- Do not touch the aluminum fins of the indoor unit. If you touch those parts, this may cause an injury.

Care and Cleaning

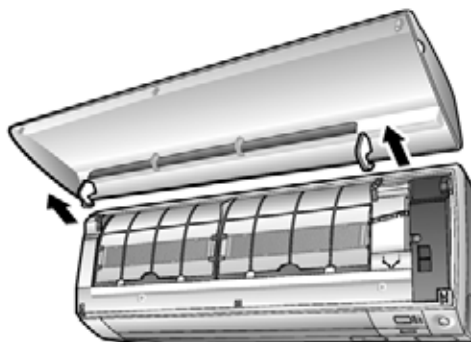
■ Front panel

1. Remove the front panel.

- Open the front panel.
- Slide the front panel to either the left or right and pulling it toward you. This will disconnect the front panel shaft on one side.



- Disconnect the front panel shaft on the other side in the same manner.



⚠ CAUTION

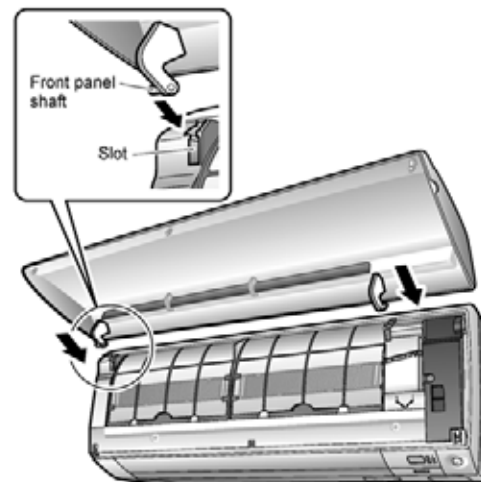
- When removing or attaching the front panel, use a robust and stable stool and watch your steps carefully.
- When removing or attaching the front panel, support the panel securely with hand to prevent it from falling.
- After cleaning, make sure that the front panel is securely fixed.

2. Clean the front panel.

- Wipe it with a soft cloth soaked in water.
- Only neutral detergent may be used.
- If you wash the panel with water, wipe it with a dry soft cloth, and allow to dry in the shade.

3. Attach the front panel.

- Align the front panel shaft on the left and right of the front panel with the slots, then push them all the way in.

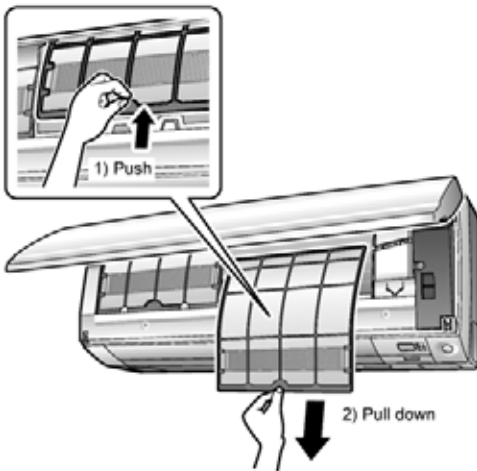


- Close the front panel slowly. (Press the panel at both sides and the central area.)

■ Air filter

1. Pull out the air filters.

- Open the front panel.
- Push the filter tab at the center of each air filter slightly upward, then pull it down.



2. Wash the air filters with water or clean them with vacuum cleaner.

- It is recommended to clean the air filters every 2 weeks.



If the dust does not come off easily

- Wash the air filters with neutral detergent thinned with lukewarm water, then allow to dry in the shade.
- Be sure to remove the titanium apatite photocatalytic air-purifying filter. Refer to "Titanium apatite photocatalytic air-purifying filter" on the next page.



3. Set the filters as they were and close the front panel.

- Press the front panel at both sides and the central area.



⚠ CAUTION

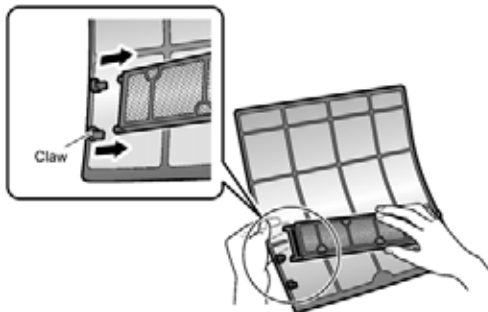
- Do not touch the aluminum fins by bare hand at the time of dismantling or mounting the filter.

Care and Cleaning

■ Titanium apatite photocatalytic air-purifying filter

1. Take off the titanium apatite photocatalytic air-purifying filter.

- Open the front panel and pull out the air filters.
- Hold the recessed parts of the frame and unhook the 4 claws.



2. Clean or replace the titanium apatite photocatalytic air-purifying filter.

[Maintenance]

2-1 Vacuum dust, and soak in lukewarm water or water for about 10 to 15 minutes if dirt is heavy.

- Do not remove the filter from frame when washing with water.



2-2 After washing, shake off remaining water and dry in the shade.

- Since the material is made out of polyester, do not wring out the filter when removing water from it.

[Replacement]

Remove the tabs on the filter frame and replace with a new filter.



- Do not throw away the filter frame. Reuse the filter frame when replacing the titanium apatite photocatalytic air-purifying filter.
- Dispose of the old filter as non-flammable waste.

3. Set the filters as they were and close the front panel.

- Press the front panel at both sides and the central area.



NOTE

- Operation with dirty filters:
 - cannot deodorize the air,
 - cannot clean the air,
 - results in poor heating or cooling,
 - may cause odor.
- Dispose of old filters as non-flammable waste.
- To order titanium apatite photocatalytic air-purifying filter contact to the service shop there you purchased the air conditioner.


Item	Titanium apatite photocatalytic air-purifying filter (without frame) 1 set
Part No.	KAF970A46

■ Check the units

- Check that the base, stand and other fittings of the outdoor unit are not decayed or corroded.
- Check that nothing blocks the air inlets and the outlets of the indoor unit and the outdoor unit.
- Check that the drain comes smoothly out of the drain hose during COOL or DRY operation.
 - If no drain water is seen, water may be leaking from the indoor unit. Stop operation and consult the service shop if this is the case.

■ Before a long idle period

1. Operate the FAN only for several hours on a nice day to dry out the inside.

- Press **MODE** and select "FAN" operation.
- Press  and start the operation.

2. After operation stops, turn off the breaker for the room air conditioner.

3. Clean the air filters and set them again.

4. Take out batteries from the remote controller.

- When a multi outdoor unit is connected, make sure the heating operation is not used at the other room before you use the fan operation.

■ We recommend periodical maintenance

- In certain operating conditions, the inside of the air conditioner may get foul after several seasons of use, resulting in poor performance. It is recommended to have periodical maintenance by a specialist aside from regular cleaning by the user.
- For specialist maintenance, contact the service shop where you purchased the air conditioner.
- The maintenance cost must be born by the user.

Care and Cleaning

⚠ CAUTION

- Only a qualified service person is allowed to perform maintenance.
- Before cleaning, be sure to stop the operation and turn the breaker off.

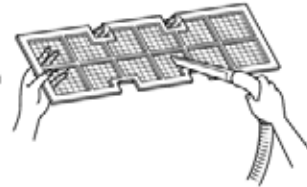
■ Air filter

1. Removing the air filter.

- Rear suction
Pull the bottom side of the air filter backwards, over the bends.
- Bottom suction
Pull the filter over the bends situated at the backside of the unit.

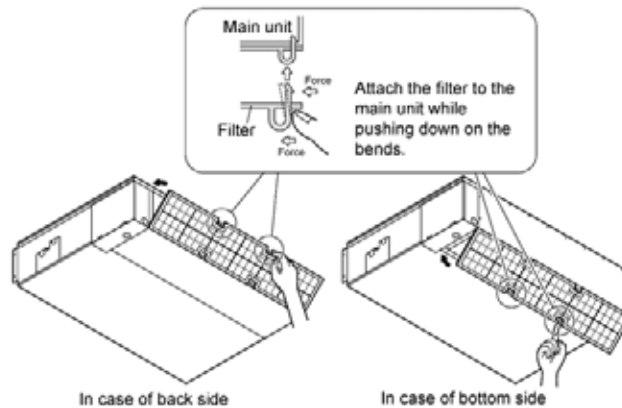
2. Cleaning the air filter.

- Remove dust from the air filter using a vacuum cleaner and gently rinse them in cool water. Do not use detergent or hot water to avoid filter shrinking or deformation. After cleaning dry them in the shade.



3. Replacing the air filter.

- Rear suction
Hook the filter behind the flap situated at the top of the unit and push the other side gently over the bends.
- Bottom suction
Hook the filter behind the flap situated at the middle of the unit and push the other side gently over the bends.



FDXS09/12, CDXS15/18 : 2 bends
CDXS24 : 3 bends

■ Drain pan

- Clean the drain pan periodically, or drain piping may be clogged with dust and may result in water leakage. Ask your DAIKIN dealer to clean them.
- Prepare a cover locally to prevent any dust in the air around the indoor unit from getting in the drain pan, if there is a great deal of dust present.

CAUTION

- Do not operate the air conditioner without filters, this to avoid dust accumulation inside the unit.
- Do not remove the air filter except when cleaning. Unnecessary handling may damage the filter.
- Do not use gasoline, benzene, thinner, polishing powder, liquid insecticide. It may cause discoloring or warping.
- Do not let the indoor unit get wet. It may cause an electric shock or a fire.
- Operation with dusty air filters lowers the cooling and heating capacity and wastes energy.
- The suction grille is option.
- Do not use water or air of 122°F (50°C) or higher for cleaning air filters and outside panels.
- Ask your DAIKIN dealer how to clean it.

■ Check the units

- Check that the base, stand and other fittings of the outdoor unit are not decayed or corroded.
- Check that nothing blocks the air inlets and the outlets of the indoor unit and the outdoor unit.
- Check that the drain comes smoothly out of the drain hose during COOL or DRY operation.
 - If no drain water is seen, water may be leaking from the indoor unit. Stop operation and consult the service shop if this is the case.

■ Before a long idle period

1. Operate the FAN only for several hours on a nice day to dry out the inside.

- Press **MODE** and select "FAN" operation.
- Press **ON/OFF** and start the operation.

2. After operation stops, turn off the breaker for the room air conditioner.

3. Clean the air filters and set them again.

4. Take out batteries from the remote controller.

- When a multi outdoor unit is connected, make sure the HEAT operation is not used at the other room before you use the FAN operation.

■ We recommend periodic maintenance

- In certain operating conditions, the inside of the air conditioner may get foul after several seasons of use, resulting in poor performance. It is recommended to have periodic maintenance by a specialist aside from regular cleaning by the user.
- For specialist maintenance, contact the service shop where you purchased the air conditioner.
- The maintenance cost must be born by the user.

FVXS Series

Care

Care and Cleaning

⚠ CAUTION

- Before cleaning, be sure to stop the operation and turn off the circuit breaker.
- Do not touch the aluminum fins of the indoor unit. If you touch those parts, this may cause an injury.

■ Quick reference

Cleaning parts

Air filter

- Vacuum dust or wash the filter.
- Once every 2 weeks**

Front panel

- Wipe it with a soft damp cloth.
- If dirty**

Indoor unit, Outdoor unit and Remote controller

- Wipe them with a soft cloth.
- If dirty**

Titanium apatite photocatalytic air-purifying filter

- Vacuum dust or replace the filter.
- [Cleaning] Once every 6 months** **[Replacement] Once every 3 years**

Notes on cleaning

- For cleaning, do not use any of the following:**
- Water hotter than 104°F (40°C)
 - Volatile liquid such as benzene, petrol and thinner
 - Polishing compounds
 - Rough materials such as a scrubbing brush



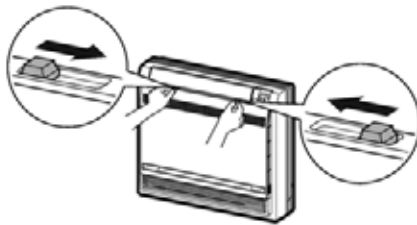
CAUTION

- When removing or attaching the front panel, stand on solid ground and use caution.
- When removing or attaching the front panel, support the panel securely with your hand to prevent it from falling.

■ Front panel

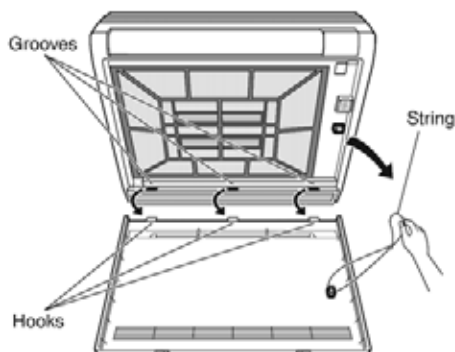
1. Open the front panel.

- Slide the 2 stoppers on the left and right sides inward until they click.



2. Remove the front panel.

- Remove the string.
- Allowing the front panel to fall forward will enable you to remove it.
- Disconnect the front panel hooks from the grooves.

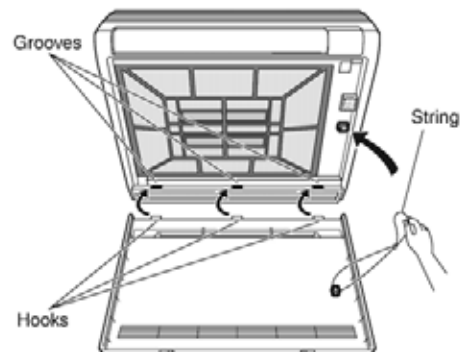


3. Clean the front panel.

- Wipe it with a soft damp cloth.
- Only neutral detergent may be used.
- Wash the panel with water, wipe it with a dry soft cloth, and let it dry in the shade after washing.

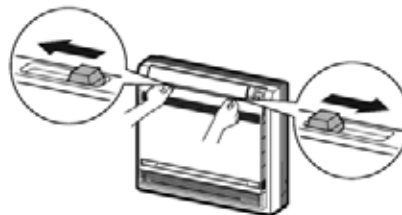
4. Reattach the front panel.

- Insert the front panel hooks into the grooves of the unit (3 places).
- Attach the string to the right, inner-side of the front grille.
- Close the panel slowly.



5. Close the front panel slowly.

- Slide the 2 stoppers on the left and right sides outward until they click.



- Make sure that the front panel is securely fixed.

Care and Cleaning

■ Air filter

1. Open the front panel.

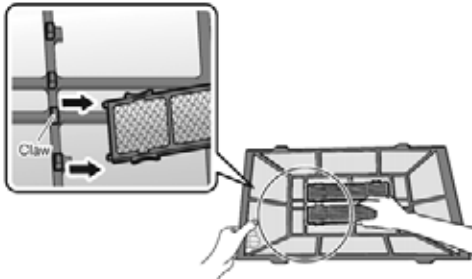
2. Pull out the air filter.

- Press the claws on the right and left of the air filter down slightly, then pull upward.



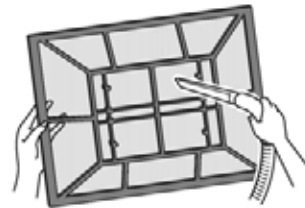
3. Take off the titanium apatite photocatalytic air-purifying filters.

- Hold the recessed parts of the frame and unhook the 4 claws.



4. Wash the air filter with water or clean it with a vacuum cleaner.

- It is recommended to clean the air filter every 2 weeks.



If the dust does not come off easily

- Wash the air filter with neutral detergent thinned with lukewarm water, then let it dry in the shade.
- Be sure to remove the titanium apatite photocatalytic air-purifying filter.

5. Insert the titanium apatite photocatalytic air-purifying filters as they were.

6. Reattach the filters.

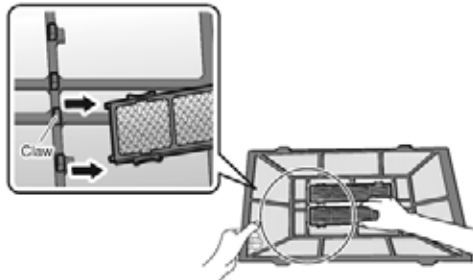
7. Close the front panel slowly.

■ Titanium apatite photocatalytic air-purifying filter

1. Open the front panel and pull out the air filter.

2. Take off the titanium apatite photocatalytic air-purifying filters.

- Hold the recessed parts of the frame and unhook the 4 claws.



3. Clean or replace the titanium apatite photocatalytic air-purifying filters.

[Cleaning]

3-1 Vacuum dust, and soak in lukewarm water or water for about 10 to 15 minutes if very dirty.

- Do not remove the filter from the frame when washing with water.



3-2 After washing, shake off remaining water and let them dry in the shade.

- Do not wring out the filter to remove water from it.

[Replacement]

Remove the filter from the filter frame and prepare a new one.

- Do not throw away the filter frame. Reuse the filter frame when replacing the titanium apatite photocatalytic air-purifying filter.



- Dispose of the old filter as non-flammable waste.

4. Insert the titanium apatite photocatalytic air-purifying filters as they were.

- When attaching the filter, check that the filter is properly set in the tabs.

5. Reattach the filters.

6. Close the front panel slowly.

NOTE

- Operation with dirty filters:
 - cannot deodorize the air,
 - cannot clean the air,
 - results in poor heating or cooling,
 - may cause odor.
- Dispose of old filters as non-flammable waste.
- To order a titanium apatite photocatalytic air-purifying filter, contact the dealer where you bought the air conditioner.




Item	Titanium apatite photocatalytic air-purifying filter (without frame) 1 set
Part No.	KAF968B42

Care

Care and Cleaning

■ Prior to a long period of non-use

1. Operate the FAN mode for several hours to dry out the inside.

- 1) Press  and select "  ".
 - When a multi outdoor unit is connected, make sure the HEAT operation is not used at the other room before you use the FAN operation.
- 2) Press  and start the operation.

2. After operation stops, turn off the circuit breaker for the room air conditioner.

3. Take out the batteries from the remote controller.

■ We recommend periodical maintenance

- In certain operating conditions, the inside of the air conditioner may get foul after several seasons of use, resulting in poor performance. It is recommended to have periodical maintenance by a qualified contractor in addition to regular cleaning by the user.
- For qualified contractor maintenance, please contact the dealer where you bought the air conditioner.

1.17 Troubleshooting

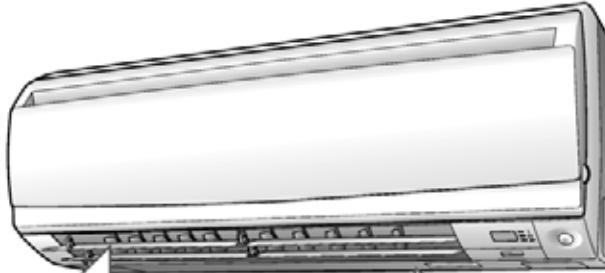
CTXS, FTXS, CDXS, FDXS Series

Troubleshooting

■ These incidents are not malfunctions.

- The following incidents do not indicate a malfunctioning air conditioner and have explanations. The air conditioner can continue to operate.

Indoor unit



The louvers do not immediately swing. The louvers move soon after startup.

- The air conditioner is adjusting the louver position. The louvers will start moving soon.

The HEAT operation stops suddenly and a flowing sound is heard.

- The outdoor unit is taking away the frost. The HEAT operation starts after the frost on the outdoor unit is removed. You should wait for about 4 to 12 minutes.

Operation does not start soon.

■ When "ON/OFF" button was pressed soon after operation was stopped.

■ When the mode was reselected.

- This is to protect the air conditioner. You should wait for about 3 minutes.

Possible sounds.

■ Flowing water

- Generated because the refrigerant in the air conditioner is flowing.
- This is a pumping sound of the water in the air conditioner it is heard when the water is pumped out from the air conditioner in cooling or drying operation.
- The refrigerant flows in the air conditioner even if the air conditioner is not working when the indoor units in other rooms are in operation.

■ Blowing

- Generated when the flow of the refrigerant in the air conditioner is switched over.

■ Ticking

- Generated when the size of the air conditioner slightly expands or shrinks as a result of temperature changes.

■ Whistling sound

- Generated when refrigerant flows during defrosting operation.

■ Clicking sound during operation or idle time

- Generated when the refrigerant control valves or the electrical parts operate.

■ Clopping sound

- Heard from the inside of the air conditioner when the exhaust fan is activated while the room doors are closed. Open the window or turn off the exhaust fan.

Outdoor unit

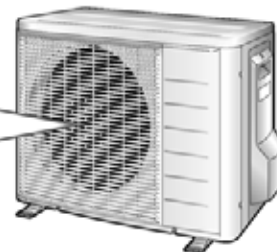
The outdoor unit emits water or steam.

■ In HEAT operation

- The frost on the outdoor unit melts into water or steam when the air conditioner is in defrost operation.

■ In COOL or DRY operation

- Moisture in the air condenses into water on the cool surface of outdoor unit piping and drips.



- Troubleshooting measures are classified into the following two types on a remedial basis. Take an appropriate measure according to the symptom.



Not malfunction

- The following conditions do not indicate a problem with the system.



Check

- Please check again before calling a repair person.

The air conditioner does not operate. (OPERATION lamp is off.)

- Is a breaker off or a fuse blown?
- Is there a power failure?
- Are batteries set in the remote controller?
- Is the timer setting correct?



Hot air does not flow out soon after the start of HEAT operation.

- The air conditioner is warming up. You should wait for 1 to 4 minutes. (The system is designed to start discharging air only after it has reached a certain temperature.)



Operation stopped suddenly. (OPERATION lamp is on.)

- For system protection, the air conditioner may stop operating on a sudden large voltage fluctuation. It automatically resumes operation in about 3 minutes.



Operation stopped suddenly. (OPERATION lamp flashes.)

- Are the air filters clean?
Clean the air filters.
- Is there anything to block the air inlet or the outlet of the indoor and the outdoor units?
- Turn the breaker off and take all obstacles away. Then turn it on again and try operating the air conditioner with the remote controller. If the lamp still flashes, call the service shop where you purchased the air conditioner.
- Are operation modes all the same for indoor units connected to outdoor units in the **multi system**?
If not, set all indoor units to the same operation mode and confirm that the lamps flash.
When the operation mode is in "AUTO", set all indoor unit operation modes to "COOL" or "HEAT" for a moment and check again that the lamps are normal. If the lamps stop flashing after the above steps, there is no malfunction.



Mist comes out of the indoor unit.

- This happens when the air in the room is cooled into mist by the cold airflow during COOL operation.
- This is because the air in the room is cooled by the heat exchanger and becomes mist during defrosting operation.



Troubleshooting

Cooling (Heating) effect is poor.

- Are the air filters clean?
- Is there anything to block the air inlet or the outlet of the indoor and the outdoor units?
- Is the temperature setting appropriate?
- Are the windows and doors closed?
- Are the airflow rate and the airflow direction set appropriately?



The ON/OFF TIMER does not operate according to the settings.

- Check if the ON/OFF TIMER and the WEEKLY TIMER are set to the same time. Change or deactivate the settings in the WEEKLY TIMER.



Remote controller does not work properly.

- No remote controller signals are displayed.
- Remote controller sensitivity is low.
- Display is low in contrast or blacked out.
- Display runs out of control.
- The batteries are dying and the remote controller is malfunctioning. Replace all the batteries with new, size AAA.LR03 (alkaline). For details, refer to "To set the batteries" of this manual.



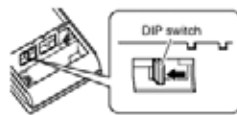
The indoor unit gives out odor.

- This happens when smells of the room, furniture, or cigarettes are absorbed into the unit and discharged with the airflow. (If this happens, have the indoor unit washed by a technician from the service shop where you purchased the air conditioner.)



HEAT operation cannot be selected, even though the unit is heat pump model.

- Slide the DIP switch to the left as shown in the illustration so that the HEAT operation can be selected with the "MODE" button.



The outdoor fan rotates while the air conditioner is not in operation.

- After operation is stopped
 - The outdoor fan continues rotating for another 60 seconds for system protection.
- While the air conditioner is not in operation
 - When the outdoor temperature is very high, the outdoor fan starts rotating for system protection.



An abnormal functioning happens during operation.

- The air conditioner may malfunction with lightning or radio waves. Turn the breaker off, turn it on again and try operating the air conditioner with the remote controller.



■ Call the service shop immediately

WARNING

- **When an abnormality (such as a burning smell) occurs, stop operation and turn the breaker off.**
 - Continued operation in an abnormal condition may result in malfunctioning, electric shocks or fire.
 - Consult the service shop where you purchased the air conditioner.
- **Do not attempt to repair or modify the air conditioner by yourself.**
 - Incorrect work may result in electric shocks or fire.
 - Consult the service shop where you purchased the air conditioner.

If one of the following symptoms occurs, call the service shop immediately.

- The power cord is abnormally hot or damaged.
- An abnormal sound is heard during operation.
- The safety breaker, a fuse, or the ground leakage breaker cuts off the operation frequently.
- A switch or a button often fails to work properly.
- There is a burning smell.
- Water leaks from the indoor unit.

Turn the breaker off and call the service shop.



■ After a power failure

- The air conditioner automatically resumes operation in about 3 minutes. Wait for it to restart.

■ Lightning

- If lightning may strike the neighboring area, stop operation and turn the breaker off for system protection.

■ Disposal requirements

- Dismantling the unit, and treatment of refrigerant, oil, and other parts, should be done in accordance with the relevant local and national regulations.

Troubleshooting



■ Fault diagnosis by remote controller

- The remote controller can receive a corresponding error code from the indoor unit.

1. When **CANCEL** is held down for 5 seconds, a “00” indication blinks on the temperature display section.

2. Press **CANCEL** repeatedly until a continuous beep is produced.

- The code indication changes as displayed in the following table, and notifies with a long beep.

	CODE	MEANING
SYSTEM	00	NORMAL
	UA	INDOOR-OUTDOOR UNIT COMBINATION FAULT
	U0	REFRIGERANT SHORTAGE
	U2	DROP VOLTAGE OR MAIN CIRCUIT OVERVOLTAGE
	U4	FAILURE OF TRANSMISSION (BETWEEN INDOOR UNIT AND OUTDOOR UNIT)
INDOOR UNIT	A1	INDOOR PCB DEFECTIVENESS
	A5	HIGH PRESSURE CONTROL OR FREEZE-UP PROTECTOR
	A6	FAN MOTOR FAULT
	C4	FAULTY HEAT EXCHANGER TEMPERATURE SENSOR
OUTDOOR UNIT	C9	FAULTY SUCTION AIR TEMPERATURE SENSOR
	EA	COOLING-HEATING SWITCHING ERROR
	E1	CIRCUIT BOARD FAULT
	E5	OL STARTED
	E6	FAULTY COMPRESSOR START UP
	E7	DC FAN MOTOR FAULT
	E8	OVERCURRENT INPUT
	F3	HIGH TEMPERATURE DISCHARGE PIPE CONTROL
	F6	HIGH PRESSURE CONTROL (IN COOLING)
	H0	SENSOR FAULT
	H6	OPERATION HALT DUE TO FAULTY POSITION DETECTION SENSOR
	H8	DC CURRENT SENSOR FAULT
	H9	FAULTY SUCTION AIR TEMPERATURE SENSOR
	J3	FAULTY DISCHARGE PIPE TEMPERATURE SENSOR
	J6	FAULTY HEAT EXCHANGER TEMPERATURE SENSOR
	L3	ELECTRICAL PARTS HEAT FAULT
	L4	HIGH TEMPERATURE AT INVERTER CIRCUIT HEATSINK
L5	OUTPUT OVERCURRENT	
P4	FAULTY INVERTER CIRCUIT HEATSINK TEMPERATURE SENSOR	

NOTE

- A short beep and two consecutive beeps indicate non-corresponding codes.
- To cancel the code display, hold **CANCEL** for 5 seconds. The code display also cancel itself if the button is not pressed for 1 minute.

FVXS Series

When the Need Arises

FAQ

Indoor unit

The flap does not start swinging immediately.

- The air conditioner is adjusting the position of the flap. The flap will start moving soon.


**The air conditioner stops generating airflow during HEAT operation.**

- Once the set temperature is reached, the airflow rate is reduced and operation stopped in order to avoid generating a cool airflow. Operation will resume automatically when the indoor temperature falls.

HEAT operation stops suddenly and a flowing sound is heard.

- The outdoor unit is defrosting. HEAT operation starts after the frost on the outdoor unit has been removed. This can take about 4 to 12 minutes.

Operation does not start soon.

- When  was pressed soon after operation was stopped.
- When the mode was reselected.
 - This is to protect the air conditioner. You should wait for about 3 minutes.

Different sounds are heard.■ **A sound like flowing water**

- This sound is generated because the refrigerant in the air conditioner is flowing.
- This is a pumping sound of the water in the air conditioner and can be heard when the water is pumped out from the air conditioner during COOL or DRY operation.
- The refrigerant flows in the air conditioner even if the air conditioner is not working when the indoor units in other rooms are in operation.

■ **Blowing sound**

- This sound is generated when the flow of the refrigerant in the air conditioner is switched over.

■ **Ticking sound**

- This sound is generated when the cabinet and frame of the air conditioner slightly expand or shrink as a result of temperature changes.

■ **Whistling sound**

- This sound is generated when refrigerant flows during defrosting operation.

■ **Clicking sound during operation or idle time**

- This sound is generated when the refrigerant control valves or the electrical parts operate.

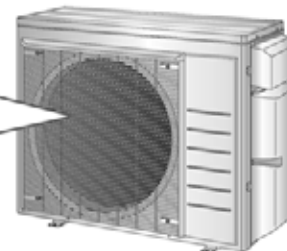
■ **Clopping sound**

- This sound is heard from the inside of the air conditioner when the exhaust fan is activated while the room doors are closed. Open the window or turn off the exhaust fan.

Outdoor unit

The outdoor unit emits water or steam.

- **In HEAT operation**
 - The frost on the outdoor unit melts into water or steam when the air conditioner is in defrosting operation.
- **In COOL or DRY operation**
 - Moisture in the air condenses into water on the cool surface of the outdoor unit piping and drips.



When the Need Arises

Troubleshooting

Before making an inquiry or a request for repair, please check the following.
If the problem persists, consult your dealer.



Not a problem

This case is not a problem.



Check

Please check again before requesting repairs.

The air conditioner does not operate

Case	Description / what to check
OPERATION lamp is off.	<ul style="list-style-type: none"> Has the circuit breaker been tripped or the fuse blown? Is there a power failure? Are batteries set in the remote controller?
OPERATION lamp is blinking.	<ul style="list-style-type: none"> Turn off the power with the circuit breaker and restart operation with the remote controller. If the OPERATION lamp is still blinking, check the error code and consult your dealer.

The air conditioner suddenly stops operating

Case	Description / what to check
OPERATION lamp is on.	<ul style="list-style-type: none"> To protect the system, the air conditioner may stop operating after sudden large voltage fluctuations. It automatically resumes operation in about 3 minutes.
OPERATION lamp is blinking.	<ul style="list-style-type: none"> Is there anything blocking the air inlet or air outlet of the indoor unit or outdoor unit? Stop operation and after turning off the circuit breaker, remove the obstruction. Then restart operation with the remote controller. If the OPERATION lamp is still blinking, check the error code and consult your dealer. Are operation modes all the same for indoor units connected to outdoor units in the multi system? If not, set all indoor units to the same operation mode and confirm that the lamps. Moreover, when the operation mode is in AUTO, set all indoor unit operation modes to COOL or HEAT for a moment and check again that the lamps are normal. If the lamps stop blinking after the above steps, there is no malfunction.

The air conditioner does not stop operating

Case	Description / what to check
The air conditioner continues operating even after operation is stopped.	<ul style="list-style-type: none"> <ul style="list-style-type: none"> Immediately after the air conditioner is stopped <ul style="list-style-type: none"> The outdoor unit fan continues rotating for about another 1 minute to protect the system. While the air conditioner is not in operation <ul style="list-style-type: none"> When the outdoor temperature is high, the outdoor unit fan may start rotating to protect the system.

The room does not cool down / warm up

Case	Description / what to check
Air does not come out.	<ul style="list-style-type: none"> <ul style="list-style-type: none"> In HEATING operation <ul style="list-style-type: none"> The air conditioner is warming up. Wait for about 1 to 4 minutes. During defrosting operation, hot air does not flow out of the indoor unit. When the air conditioner operates immediately after the circuit breaker is turned on <ul style="list-style-type: none"> The air conditioner is preparing to operate. Wait for about 2 to 15 minutes.
Air does not come out / Air comes out.	<ul style="list-style-type: none"> <ul style="list-style-type: none"> Is the airflow rate setting appropriate? <ul style="list-style-type: none"> Is the airflow rate setting low, such as "Indoor unit quiet" or "Airflow rate 1"? Increase the airflow rate setting. Is the set temperature appropriate? Is the adjustment of the airflow direction appropriate?

When the Need Arises

The room does not cool down / warm up

Case	Description / what to check
Air comes out.	<ul style="list-style-type: none"> • Is there any furniture directly under or beside the indoor unit? • Is the air conditioner in ECONO operation or OUTDOOR UNIT QUIET operation? • Is the air filter dirty? • Is there anything blocking the air inlet or air outlet of the indoor unit or outdoor unit? • Is a window or door open? • Is an exhaust fan turning?

Mist comes out

Case	Description / what to check
Mist comes out of the indoor unit.	<ul style="list-style-type: none"> • This happens when the air in the room is cooled into mist by the cold airflow during COOL or other operation.


Remote controller

Case	Description / what to check
The unit does not receive signals from the remote controller or has a limited operating range.	<ul style="list-style-type: none"> • The batteries may be exhausted. Replace both batteries with new dry batteries AAA.LR03 (alkaline). For details, refer to "Preparation Before Operation". • Signal communication may be disabled if an electronic-starter-type fluorescent lamp (such as inverter-type lamps) is in the room. Consult your dealer if that is the case. • The remote controller may not function correctly if the transmitter is exposed to direct sunlight.
LCD is faint, is not working, or the display is erratic.	<ul style="list-style-type: none"> • The batteries may be exhausted. Replace both batteries with new dry batteries AAA.LR03 (alkaline). For details, refer to "Preparation Before Operation".
Other electric devices start operating.	<ul style="list-style-type: none"> • If the remote controller activates other electric devices, move them away or consult your dealer.

Air has an odor

Case	Description / what to check
The air conditioner gives off an odor.	<ul style="list-style-type: none"> • The room odor absorbed in the unit is discharged with the airflow. We recommend you to have the indoor unit cleaned. Please consult your dealer.

Others

Case	Description / what to check
The air conditioner suddenly starts behaving strangely during operation.	<ul style="list-style-type: none"> • The air conditioner may malfunction due to lightning or radio. If the air conditioner malfunctions, turn off the power with the circuit breaker and restart the operation with the remote controller.
HEAT operation cannot be selected, even though the unit is heat pump model.	<ul style="list-style-type: none"> • Check that the jumper (J8) has not been cut. If it has been cut, contact your dealer. 
The ON/OFF TIMER does not operate according to the settings.	<ul style="list-style-type: none"> • Check if the ON/OFF TIMER and the WEEKLY TIMER are set to the same time. Change or deactivate the settings in the WEEKLY TIMER.

Notes on the operating conditions

- If operation continues under any conditions other than those listed in the table,
 - A safety device may activate to stop the operation.
 - (In multi system, it may work to stop the operation of the outdoor unit only.)
 - Dew may form on the indoor unit and drip from it when COOL or DRY operation is selected.

Mode	Operating conditions
COOL / DRY	Outdoor temperature : 14-115°F (-10-46°C) Indoor temperature : 64-90°F (18-32°C) Indoor humidity : 80% max.
HEAT	Outdoor temperature : 5-62°F (-15-15.5°C) Indoor temperature : 50-86°F (10-30°C)

Troubleshooting

■ Call your dealer immediately

WARNING

When an abnormality (such as a burning smell) occurs, stop operation and turn off the circuit breaker.

- Continued operation in an abnormal condition may result in troubles, electric shocks or fire.
- Consult the dealer where you bought the air conditioner.

Do not attempt to repair or modify the air conditioner by yourself.

- Incorrect work may result in electric shocks or fire.
- Consult the dealer where you bought the air conditioner.

If one of the following symptoms takes place, call your dealer immediately.

- The power cord is abnormally hot or damaged.
- An abnormal sound is heard during operation.
- The circuit breaker, a fuse, or the ground fault circuit interrupter cuts off the operation frequently.
- A switch or a button often fails to work properly.
- There is a burning smell.
- Water leaks from the indoor unit.

Turn off the circuit breaker and call your dealer.



■ After a power failure

- The air conditioner automatically resumes operation in about 3 minutes. You should just wait for a while.

■ Lightning

- If there is a risk lightning could strike in the neighborhood, stop operation and turn off the circuit breaker to protect the system.

■ Disposal requirements


- Dismantling of the unit, handling of the refrigerant, oil and other parts, should be done in accordance with the relevant local and national regulations.


When the Need Arises



■ Fault diagnosis by remote controller

- The remote controller can receive relevant error codes from the indoor unit.


1. When  is held down for about 5 seconds, "00" blinks in the temperature display section.

2. Press  repeatedly until a continuous beep is produced.

- The code indication changes as shown below, and notifies you with a long beep.

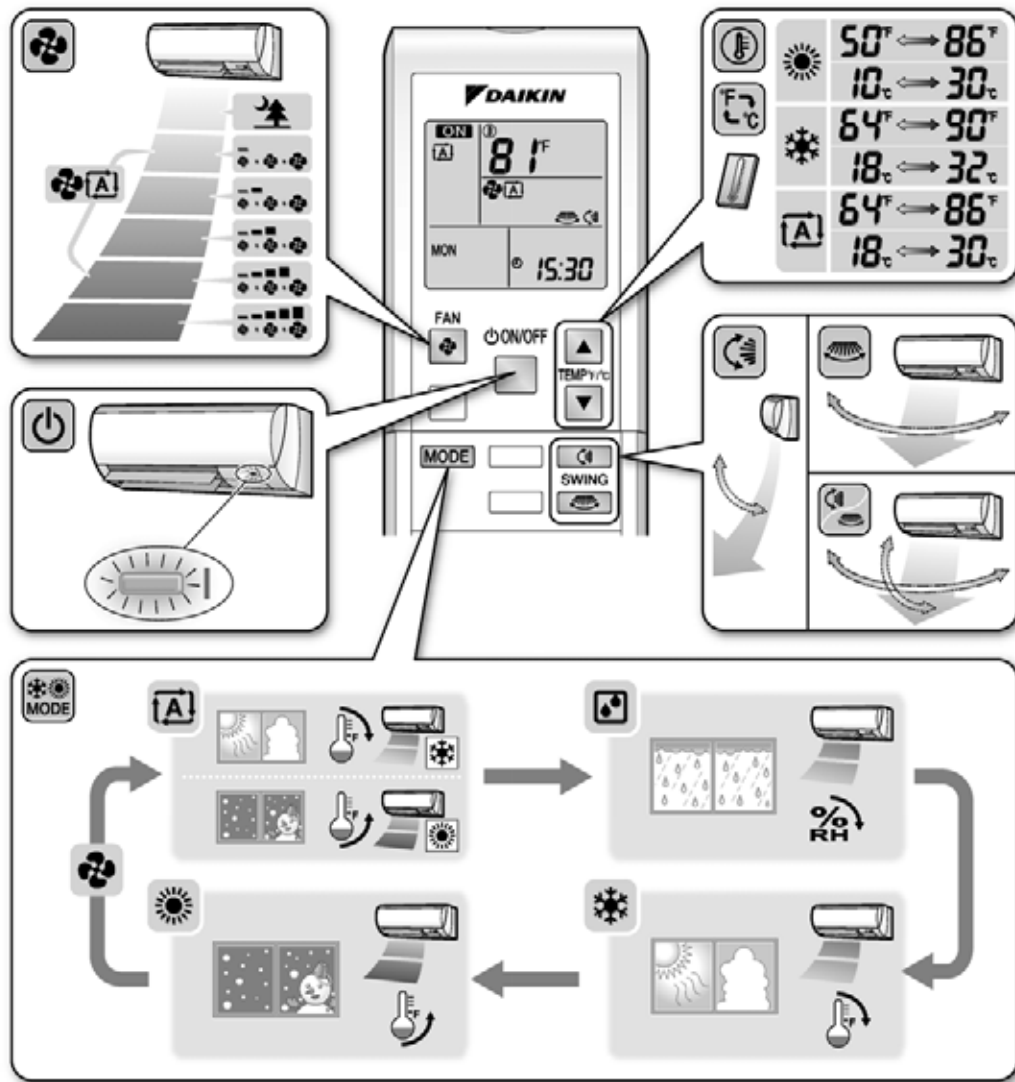
	CODE	MEANING
SYSTEM	00	NORMAL
	U0	REFRIGERANT SHORTAGE
	U2	OVER-VOLTAGE DETECTION
	U4	SIGNAL TRANSMISSION ERROR (BETWEEN INDOOR AND OUTDOOR UNIT)
INDOOR UNIT	A1	INDOOR UNIT PCB ABNORMALITY
	A5	FREEZE-UP PROTECTION OR HEATING PEAK-CUT CONTROL
	A6	FAN MOTOR (DC MOTOR) ABNORMALITY
	C4	INDOOR HEAT EXCHANGER THERMISTOR ABNORMALITY
	C7	FRONT PANEL OPEN /CLOSE FAULT
OUTDOOR UNIT	C9	ROOM TEMPERATURE THERMISTOR ABNORMALITY
	EA	FOUR WAY VALVE ABNORMALITY
	E1	OUTDOOR UNIT PCB ABNORMALITY
	E5	OL ACTIVATION (COMPRESSOR OVERLOAD)
	E6	COMPRESSOR LOCK
	E7	DC FAN LOCK
	F3	DISCHARGE PIPE TEMPERATURE CONTROL
	H0	COMPRESSOR SYSTEM SENSOR ABNORMALITY
	H6	POSITION SENSOR ABNORMALITY
	H8	DC VOLTAGE / CURRENT SENSOR ABNORMALITY
	H9	OUTDOOR TEMPERATURE THERMISTOR ABNORMALITY
	J3	DISCHARGE PIPE THERMISTOR ABNORMALITY
	J8	OUTDOOR HEAT EXCHANGER THERMISTOR ABNORMALITY
	L4	RADIATION FIN TEMPERATURE RISE
L5	OUTPUT OVERCURRENT DETECTION	
P4	RADIATION FIN THERMISTOR ABNORMALITY	

NOTE

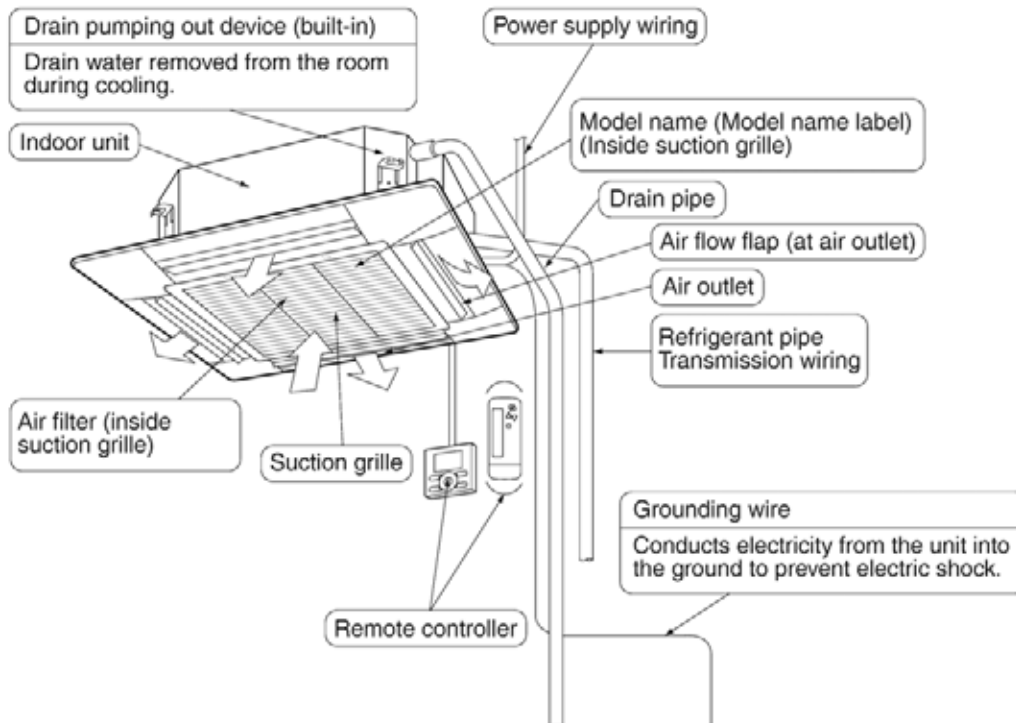
- A short beep and 2 consecutive beeps indicate non-corresponding codes.
- To cancel the code display, hold  down for about 5 seconds. The code display also clears if no button is pressed for 1 minute.

1.18 Quick Reference

Quick Reference



2. FFQ Series



Thank you for purchasing this Daikin air conditioner. Carefully read this operation manual before using the air conditioner. It will tell you how to use the unit properly and help you if any trouble occurs. This manual explains about the indoor unit only. Use it along with the operation manual for the outdoor unit. After reading the manual, file it away for future reference.

SAFETY CONSIDERATIONS

Read these **SAFETY CONSIDERATIONS** carefully before installing air conditioning equipment. After completing the installation, make sure that the unit operates properly during the startup operation. Instruct the customer on how to operate and maintain the unit. Inform customers that they should store this Operation Manual with the Installation Manual for future reference.

Meanings of **DANGER**, **WARNING**, **CAUTION**, and **NOTE** Symbols:

- ⚠ DANGER** Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
- ⚠ WARNING** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
- ⚠ CAUTION** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.
- ⚠ NOTE** Indicates situations that may result in equipment or property-damage accidents only.

⚠ DANGER

- Do not install the unit in an area where flammable materials are present due to risk of explosion resulting in serious injury or death.
- Any abnormalities in the operation of the air conditioner such as smoke or fire could result in severe injury or death. Turn off the power and contact your dealer immediately.
- Refrigerant gas may produce toxic gas if it comes in contact with fire, such as from a fan, heater, stove, or cooking device. Exposure to this gas could cause severe injury or death.
- For refrigerant leakage, consult your dealer. Refrigerant gas is heavier than air and replaces oxygen. A massive leak could lead to oxygen depletion, especially in basements, and an asphyxiation hazard could occur leading to serious injury or death.
- If equipment utilizing a burner is used in the same room as the air conditioner, there is the danger of oxygen deficiency which could lead to an asphyxiation hazard resulting in serious injury or death. Be sure to ventilate the room sufficiently to avoid this hazard.
- Safely dispose of the packing materials. Packing materials, such as nails and other metal or wooden parts, may cause stabs or other injuries.
- Tear apart and throw away plastic packaging bags so that children will not play with them. Children playing with plastic bags face the danger of death by suffocation.

⚠ WARNING

- Contact your dealer for repair and maintenance. Improper repair and maintenance may result in water leakage, electric shock, and fire. Only use accessories made by Daikin that are specifically designed for use with the equipment and have them installed by a professional.
 - Contact your dealer to move and reinstall the air conditioner. Incomplete installation may result in water leakage, electric shock, and fire.
- Never let the indoor unit or the remote controller get wet. Water can cause an electric shock or a fire.
 - Never use flammable spray such as hair spray, lacquer, or paint near the unit. Flammable spray may cause a fire.
 - When a fuse blows out, never replace it with one of incorrect ampere ratings or different wires. Always replace any blown fuse with a fuse of the same specification.
 - Never remove the fan guard of the unit. A fan rotating at high speed without the fan guard is very dangerous.
 - Never inspect or service the unit by yourself. Contact a qualified service person to perform this work.
 - Turn off all electrical power before doing any maintenance to avoid the risk of serious electric shock; never sprinkle or spill water or liquids on the unit.
 - Do not touch the switch with wet fingers. Touching a switch with wet fingers can cause electric shock.
 - Do not allow children to play on or around the unit to prevent injury.
 - The heat exchanger fins are sharp enough to cut. To avoid injury wear gloves or cover the fins while working around them.
 - Do not put a finger or other objects into the air inlet or air outlet. The fan is rotating at high speed and will cause injury.
 - Check the unit foundation for damage on a continuous basis, especially if it has been in use for a long time. If left in a damaged condition the unit may fall and cause injury.
 - Placing a flower vase or other containers with water or other liquids on the unit could cause a shock or fire if a spill occurs.
 - Do not touch the air outlet or horizontal blades while the swing flap is in operation because fingers could get caught and injured.
 - Never touch the internal parts of the controller. Do not remove the front panel because some parts inside are dangerous to touch. To check and adjust internal parts, contact your dealer.

- Be sure to establish a ground. Do not ground the unit to a utility pipe, arrester, or telephone ground. Incomplete grounding may cause electrical shock, or fire. A high surge current from lightning or other sources may cause damage to the air conditioner.
- Be sure to install a ground fault circuit interrupter. Failure to install a ground fault circuit interrupter may result in electric shocks, or fire.

— **⚠ CAUTION** —

- Do not use the air conditioner for any other purposes other than comfort cooling or heating. Do not use the unit for cooling precision instruments, food, plants, animals or works of art.
- Do not place items under the indoor unit as they may be damaged by condensates that may form if the humidity is above 80% or if the drain outlet gets blocked.
- Before cleaning, stop the operation of the unit by turning the power off or by pulling the supply cord out from its receptacle. Otherwise, an electric shock and injury may result.
- Do not wash the air conditioner with excessive water. An electric shock or fire may result.
- Avoid placing the controller in a spot splashed with water. Water entering the controller may cause an electric shock or damage the internal electronic parts.
- Do not operate the air conditioner when using a room fumigation type of insecticide. Failure to observe this could cause the chemicals to be deposited in the unit and can endanger the health of those who are hypersensitive to chemicals.
- Do not turn off the power immediately after stopping operation. Always wait for at least five minutes before turning off the power. Otherwise, water leakage may occur.
- The appliance is not intended for use by young children or infirm persons without supervision.
- The remote controller should be kept away from children so they cannot play with it.

- Consult with the installation contractor for cleaning.
- Incorrect cleaning of the inside of the air conditioner could make the plastics parts break and cause water leakage or electric shock.
- Do not touch the air inlet or aluminum fin of the air conditioner as they can cut and cause injury.
- Do not place objects in direct proximity of the outside unit. Do not let leaves and other debris accumulate around the unit. Leaves are a hotbed for small animals which can enter the unit. Once inside the unit, animals can cause the unit to malfunction, and cause smoke or fire when they make contact with electrical parts.

— **⚠ NOTE** —

- Never press the button of the remote controller with a hard, pointed object. The remote controller may be damaged.
- Never pull or twist the electric wire of the remote controller. It may cause the unit to malfunction.
- Do not place appliances that produce open flames in places that are exposed to the airflow of the unit or under the indoor unit. It may cause incomplete combustion or deformation of the unit due to the heat.
- Do not expose the controller to direct sunlight. The LCD display can become discolored and may fail to display the data.
- Do not wipe the controller operation panel with benzene, thinner, chemical dust cloth, etc. The panel may get discolored or the coating can peel off. If it is heavily dirty, soak a cloth in water-diluted neutral detergent, squeeze it well and wipe the panel clean. Then wipe it with another dry cloth.
- Dismantling of the unit, disposal of the refrigerant, oil, and additional parts, should be done in accordance with the relevant local, state and national regulations.
- Operate the air conditioner in a sufficiently ventilated area and not surrounded by obstacles. Do not use the air conditioner in the following places:

- a. Places with a mist of mineral oil, such as cutting oil.
- b. Locations such as coastal areas where there is a lot of salt in the air.
- c. Locations such as hot springs where there is a lot of sulfur in the air.
- d. Locations such as factories where the power voltage varies a lot.
- e. In cars, boats, and other vehicles.
- f. Locations such as kitchens where oil may splatter or where there is steam in the air.
- g. Locations where equipment produces electromagnetic waves.
- h. Places with an acid or alkaline mist.
- i. Places where fallen leaves can accumulate or where weeds can grow.
- Do not attempt to do electrical work or grounding work unless you are licensed to do so. Consult with your dealer for electrical work and grounding work.
- Pay Attention to Operating Sound. Be sure to use the following places:
 - a. Places that can sufficiently withstand the weight of the air conditioner yet can suppress the operating sound and vibration of the air conditioner.
 - b. Places where warm air from the air outlet of the outside unit or the operating sound of the outside unit does not annoy neighbors.
- Make sure that there are no obstacles close to the outside unit. Obstacles close to the outside unit may drop the performance of the outside unit or increase the operating sound of the outside unit.
- Consult your dealer if the air conditioner in operation generates unusual noise.
- Make sure that the drainpipe is installed properly to drain water. If no water is discharged from the drainpipe while the air conditioner is in the cooling mode, the drainpipe may be clogged with dust or dirt and water leakage from the indoor unit may occur. Stop operating the air conditioner and contact your dealer.

MAINTENANCE (FOR SERVICE PERSONNEL)

— ⚠ WARNING —

- Only a qualified person is allowed to perform maintenance without daily maintenance.
- Before touching any of connection wirings, be sure to turn off all power supply switches.
- Do not use flammable materials (e.g., hairspray or insecticide) near the product.
- Do not clean the product with organic solvents such as paint thinner.

The use of organic solvents may cause crack damage to the product, electric shocks, or fire.

- Contact professional personnel about attachment of accessories and be sure to use only accessories specified by the manufacturer.

If a defect results from your own workmanship, it may result in water leaks, electric shock or fire.

— ⚠ CAUTION —

- Before cleaning, be sure to stop unit operation, turn the breaker off or remove the power cord.
- Do not wash the air conditioner with water, as this may result in electric shocks or fire.
- Consult your dealer regarding cleaning the inside of the air conditioner.


Improper cleaning may cause breakage of plastic parts, water leakage and other damage as well as electric shocks.

- Watch your steps at the time of air filter cleaning or inspection.

High-place work is required, to which utmost attention must be paid.

If the scaffold is unstable, you may fall or topple down, thus causing injury.

HOW TO CLEAN THE AIR FILTER

Clean the air filter when the display shows "  " (TIME TO CLEAN AIR FILTER).

It will display that it will operate for a set amount of time.

Increase the frequency of cleaning if the unit is installed in a room where the air is extremely contaminated.

If the dirt becomes too difficult to clean, change the air filter. (An optional extra air filter is available.)

1. Open the suction grille.

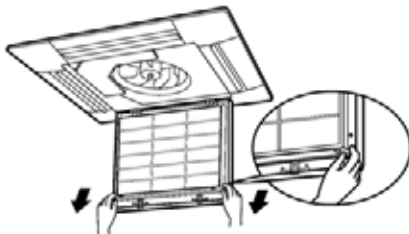
Push it downward slowly while pressing the buttons provided on two spots.

(Follow the same procedure for closing.)



2. Detach the air filter.

Pull the hook of the air filter out diagonally downward, and remove the filter.



3. Clean the air filter.

Use vacuum cleaner **A**) or wash the air filter with water **B**).

A) Using a vacuum cleaner



B) Washing with water

When the air filter is very dirty, use soft brush and neutral detergent.



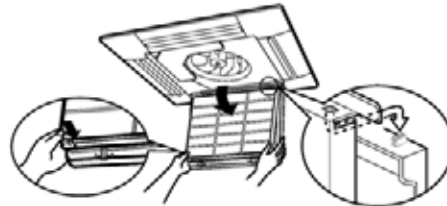
Remove water and dry in the shade.

NOTE

- Do not wash the air filter with hot water of more than 122°F. Doing so may result in discoloration and/or deformation.
- Do not expose it to fire, as doing so may result in burning.

4. Fix the air filter.


- (1) Hook the air filter to a protrusion on the suction grille.
- (2) Push the lower part of the air filter onto the protrusion at the lower part of the suction grille, and fix the air filter there.



5. Shut the suction grille.

Refer to item No.1.

6. After turning on the power, press **FILTER SIGN RESET** button.

"  " (TIME TO CLEAN AIR FILTER) is no longer displayed.

HOW TO CLEAN AIR OUTLET AND OUTSIDE PANELS

- Clean with soft cloth.
- When it is difficult to remove stains, use water or neutral detergent.
- When the flap is extremely contaminated, remove it as below and clean or exchange it. (Flap for exchange is optional.)

NOTE

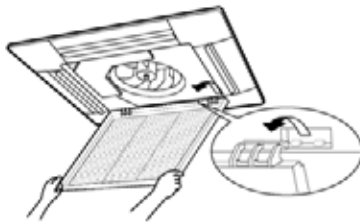
- Do not use gasoline, benzene, thinner, polishing powder or liquid insecticide. It may cause discoloring or warping.
- Do not let the indoor unit get wet. It may cause an electric shock or a fire.
- Do not scrub firmly when washing the blade with water. The surface sealing may peel off.
- Do not use water or air of 122°F or higher for cleaning air filters and outside panels.

HOW TO CLEAN THE SUCTION GRILLE

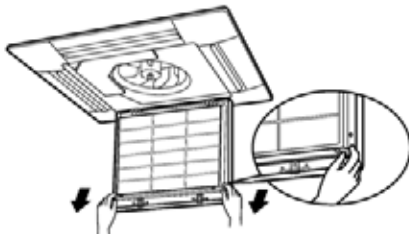
1. **Open the suction grille.**
Push it downward slowly while pressing the buttons provided on two spots. (Follow the same procedure for closing.)



2. **Detach the suction grille.**
Open the suction grille 45 degrees and lift it upward.



3. **Detach the air filter.**
Refer to "HOW TO CLEAN THE AIR FILTER-item No.2".

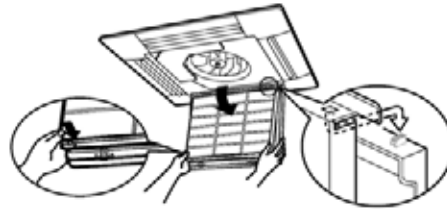


4. **Clean the suction grille.**
Wash with a soft bristle brush and neutral detergent or water, and dry thoroughly.
 - **When very grimy**
Directly apply the type of detergent used for cleaning ventilation fans or ovens, wait 10 minutes, and then rinse with water.



NOTE

- Do not wash the air conditioner with hot water of more than 122°F. Doing so may result in discoloration or deformation.
5. **Fix the air filter.**
Refer to "HOW TO CLEAN THE AIR FILTER-item No.4".





6. **Fix the suction grille.**
Refer to item No. 2.
7. **Shut the suction grille.**
Refer to item No. 1.

2.1 With <BRC1E71> Wired Remote Controller






Safety Considerations






Read these **SAFETY CONSIDERATIONS** carefully before operating the remote controller.
 Train the customer to operate and maintain the unit.
 Inform customers that they should store this Operations Manual with the Installation Manual for future reference.

Meanings of **WARNING** and **CAUTION** Symbols:







 WARNING	Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
 CAUTION	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

- The following pictograms are used in this manual.

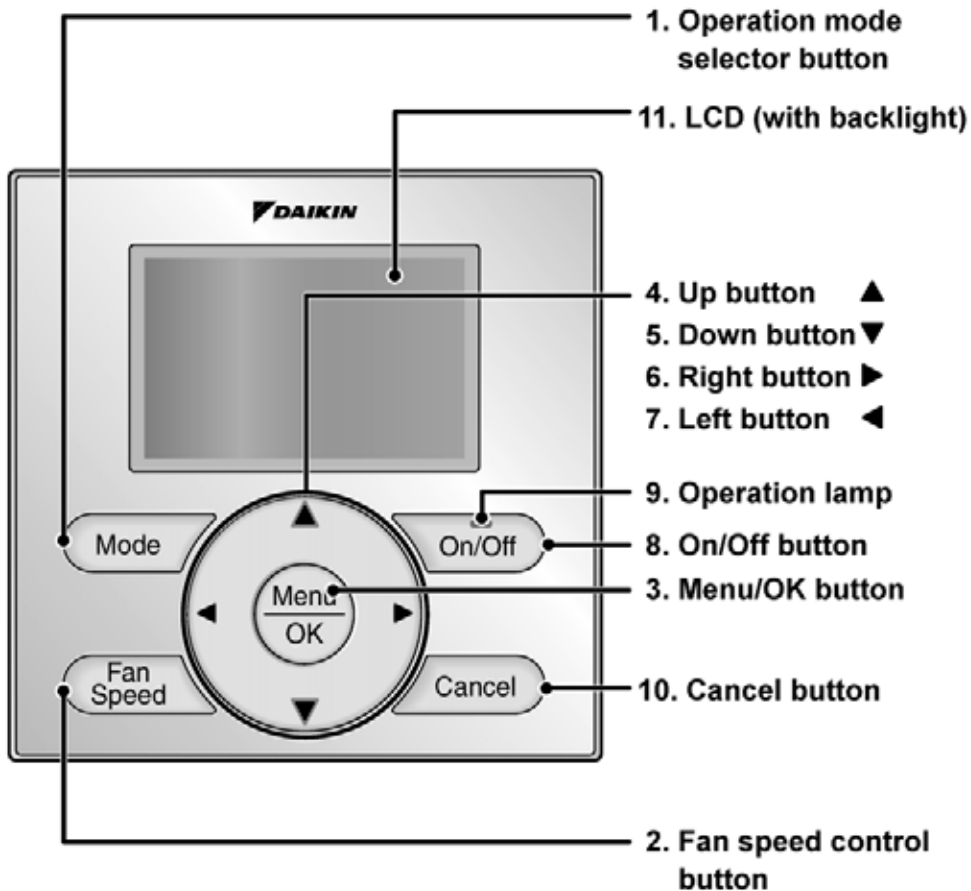
	Never do.		Always follow the instructions given.
	Be sure to ground the unit.		Keep wet hands away.
	Keep water and moisture away.		

 WARNING	
	<ul style="list-style-type: none"> • Do not modify or repair the remote controller. Consult your Daikin dealer for any modification or for repairs.
	<ul style="list-style-type: none"> • Do not relocate or reinstall the remote controller by yourself. Improper installation may result in electric shocks or fire. Consult your Daikin dealer to relocate or for any reinstallation.
	<ul style="list-style-type: none"> • Do not use flammable materials (e.g., hairspray or insecticide) near the remote controller. Do not clean the product with organic solvents such as paint thinner. The use of organic solvents may cause cracking, damaging the product, causing electric shocks, or fire.
	<ul style="list-style-type: none"> • Consult the dealer if the remote controller was submerged under water due to a natural disaster, such as a flood or hurricane. Do not operate the remote controller at this time or a malfunction, electric shock, or fire can occur.

—Items to be Strictly Observed—

 CAUTION	
	<ul style="list-style-type: none"> • Do not allow children to play with the remote controller to avoid causing damage to the product.
	<ul style="list-style-type: none"> • Never disassemble the remote controller. Touching the interior parts may result in electric shocks or fire. Consult your Daikin dealer for internal inspections and adjustments.
	<ul style="list-style-type: none"> • Do not touch the remote controller buttons with wet fingers. Touching the buttons with wet fingers can cause an electric shock.
	<ul style="list-style-type: none"> • Do not wash the remote controller. Doing so may cause electric leakage and result in electric shocks or fire.
	<ul style="list-style-type: none"> • Never let the remote controller to get wet. Water can cause damage to the remote controller, and may cause an electric shock or fire.

Button Locations and Descriptions



3

Functions other than basic operation items (i.e., On/Off, Operation mode selector, Fan speed control, and temperature setpoint) are set from the menu screen.

NOTE

- Do not install the remote controller in places exposed to direct sunlight, otherwise the LCD will be damaged.
- Do not pull or twist the remote controller cord, otherwise the remote controller may be damaged.
- Do not use objects with sharp ends to press the buttons on the remote controller otherwise damage may result.

1. Operation mode selector button

- Press this button to select the operation mode of your preference. (See page 10.)
- * Available modes vary with the indoor unit model.

2. Fan speed control button

- Press this button to select the fan speed of your preference. (See page 11.)
- * Available fan speeds vary with the indoor unit model.

3. Menu/OK button

- Used to indicate the main menu. (See page 20 for the menu items.)
- Used to enter the selected item.

4. Up button ▲

- Used to raise the setpoint.
- The item above the current selection will be highlighted.
(The highlighted items will be scrolled continuously when the button is continuously pressed.)
- Used to change the selected item.

5. Down button ▼

- Used to lower the setpoint.
- The item below the current selection will be highlighted.
(The highlighted items will be scrolled continuously when the button is continuously pressed.)
- Used to change the selected item.

6. Right button ►

- Used to highlight the next items on the right-hand side.
- Each screen is scrolled in the right-hand direction.

7. Left button ◀

- Used to highlight the next items on the left-hand side.
- Each screen is scrolled in the left-hand direction.

8. On/Off button

- Press this button and system will start.
- Press this button again to stop the system.

9. Operation lamp (Green)

- This lamp illuminates solid during normal operation.
- This lamp blinks if a error occurs.

10. Cancel button

- Used to return to the previous screen.

11. LCD (with backlight)

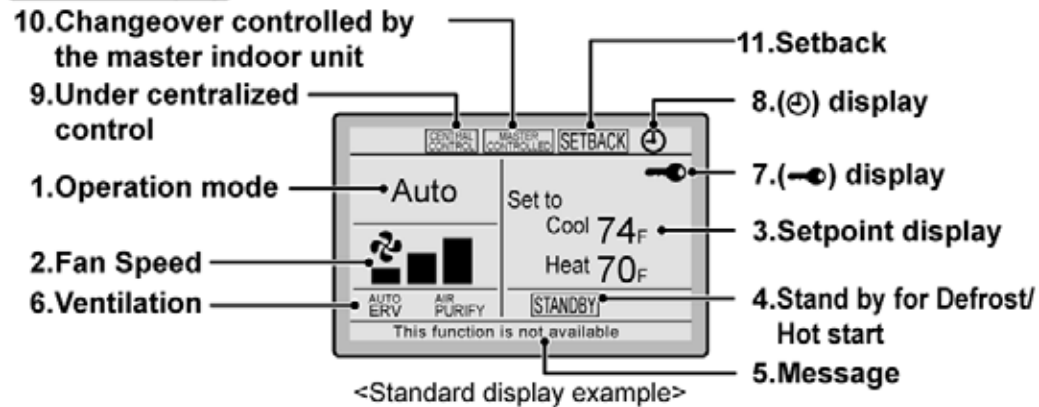
- The backlight will be illuminated for approximately 30 seconds by pressing any button.
- If two remote controllers are used to control a single indoor unit, only the controller to be accessed first will have backlight functionality.

Names and Functions

Liquid Crystal Display

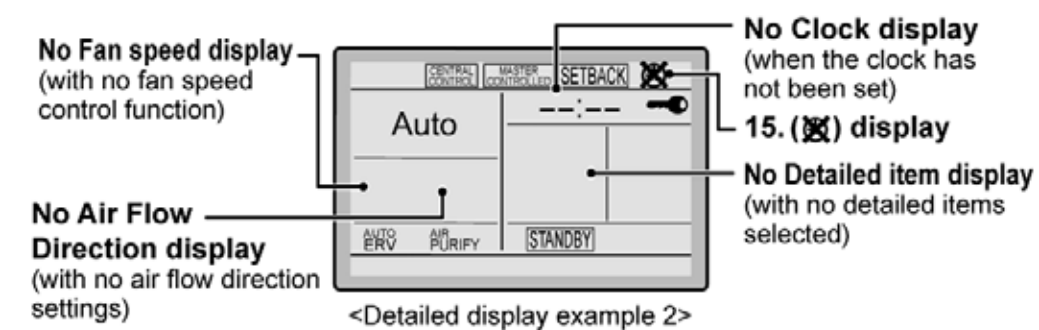
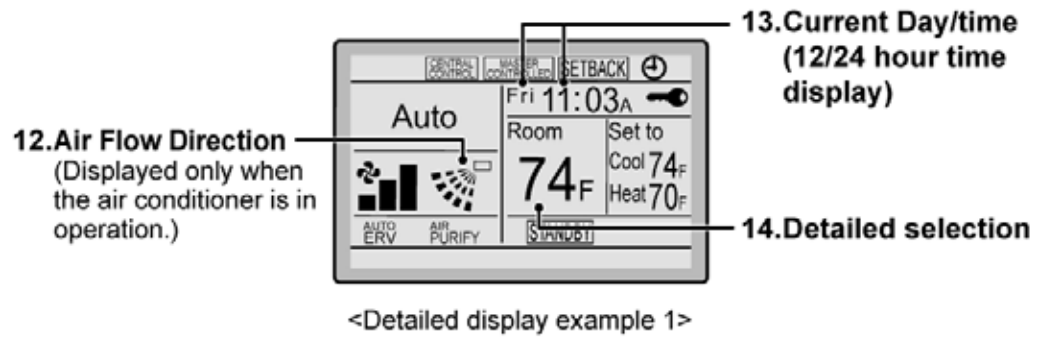
- Two types of liquid crystal display (LCD) are available. The standard display is set by default.
- Detailed display can be selected in the main menu. (See page 37.)
- The displayed contents of the screen vary with the operation mode of the indoor unit model. (The following display will appear when the indoor unit is in automatic operation.)

Standard display



Detailed Display

- The air flow direction, clock, and detailed selection items appear on the detailed display screen in addition to the items appearing on the standard display.



1. Operation mode

- Used to display the current operation mode: Cool, Heat, Vent, Fan, Dry or Auto.

2. Fan Speed

- Used to display the fan speed that is set for the indoor unit.
- The fan speed will not be displayed if the connected model does not have fan speed control functionality.

3. Setpoint display

- Used to display the setpoint for the indoor unit.
- Use the Celsius/Fahrenheit item in the main menu to select the temperature unit (Celsius or Fahrenheit).

4. Stand by for Defrost/Hot start

“**STANDBY**” (See page 12.)

If ventilation icon is displayed in this field:

- Indicates that an energy recovery ventilator is connected.
For details, refer to the Operation Manual of the ERV.

5. Message

The following messages may be displayed.

“**This function is not available**”

- Displayed for a few seconds when an operation button is pressed and the indoor unit does not provide the corresponding function.
- In a remote control group, the message will not appear if at least one of the indoor units provides the corresponding function.

“**Error: Push Menu button**”

“**Warning: Push Menu button**”

- Displayed if an error or warning is detected (see page 45).

“**Time to clean filter**”

“**Time to clean element**”

“**Time to clean filter & element**”

- Displayed as a reminder when it is time to clean the filter or element (see page 43).

6. Ventilation

- Displayed when a energy recovery ventilator is connected.
- **Ventilation Mode icon.** “**ERV BYPASS**”
These icons indicate the current ventilation mode (ERV only) (AUTO, ERV, BYPASS).
- **Air Purify ICON** “**AIR PURIFY**”
This icon indicates that the air purifying unit (option) in operation.

7. display (See page 18.)

- Displayed when the key lock is set.

8. display (See page 28.)

- Displayed if the Schedule or Off timer is enabled.

9. Under Centralized control “”

- Displayed if the system is under the management of a multi zone controller (option) and the operation of the system through the remote controller is limited.

10. Changeover controlled by the master indoor unit “”

(VRV only)

- Displayed when another indoor unit on the system has the authority to change the operation mode between cool and heat.

Names and Functions

11. Setback “” (See page 14.)

- The setback icon flashes when the unit is turned on under the setback control.

12. Air Flow Direction “”

- Displayed when the air flow direction and swing are set (see page 23).
- If the connected indoor unit model does not include oscillating louvers this item will not be displayed.

13. Current Day/Time (12/24 hour time display)

- Displayed if the clock is set (see page 39).
- If the clock is not set, “-- : --” will be displayed.
- 12 hour time format is displayed by default.
- Select 12/24 hour time display option in the main menu under “Clock & Calendar”.

14. Detailed selection





- Displayed if the detailed display item is selected (see page 38).
- Detailed items are not selected by default.

15. display

- Displayed when the clock needs to be set.
- The schedule function will not work unless the clock is set.

Basic Operation

Cool/Heat/Auto/Fan Operation (SkyAir and VRV)

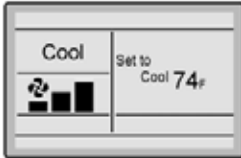
How to follow the operation manual	Operation procedure	Operation button display
<p>Operation screen display</p> <p>Describes screens that will be displayed on the remote controller in operation.</p>	<p>Operation procedure</p> <p>Explains the sequence of operation for the remote controller. Operate the buttons according to the procedure.</p> <ul style="list-style-type: none"> • Display the main menu screen. (See page 22.) • Press ▼▲ buttons to select Schedule the main menu screen. Press Menu/OK button to display the timer screen. • Before setting the schedule, the clock must be set. • If the clock has not been set, a screen like the one on the left will appear. Press ▶◀ buttons to select Yes and press Menu/OK button. • The date & time screen will appear. • Set the current year, month, day, and time. (See clock settings on page 39.) 	<p>Operation button display</p> <p>Displays the location of buttons to be operated.</p> 
<p>Operation</p> <p>1</p>  <p>2</p>  		

Preparation


- For mechanical protection purposes, apply power to the outdoor units at least six hours before starting the operation of the system.

Operation

1



- Press the Operation mode selector button several times until the desired mode Cool, Heat, Fan, or Auto mode is selected.



*Unavailable operation modes are not displayed.

Note

- Before changing the mode, confirm that the display does not indicate master controlled status. Both heat and cool mode may not be selected if the unit is master controlled. See page 16 if MASTER CONTROLLED icon blinks.

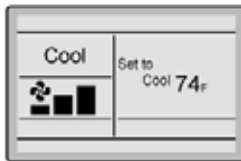
2



- Press On/Off button.
The Operation lamp (green) will illuminate and the system will start operating.



3

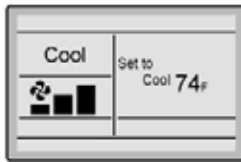


- The setpoint will increase by 1°F (or 1°C) when ▲ button is pressed and decrease by 1°F (or 1°C) when ▼ button is pressed.



* Setpoint is not available in fan or dry mode.

4



- To change the fan speed, press the Fan speed control button and select the desired fan speed from Low, Medium or High.



- * Only two fan speed adjustment levels, low and high may be available depending on the type of indoor unit.
- * The system may be in automatic fan speed control for equipment protection purposes.
- * The system may be in automatic fan speed control according to the room temperature. It is normal for the fan to intermittently stop operating.
- * It is normal for a delay to occur when changing the fan speed.

5

- Adjust Air Flow Direction from the main menu (see page 23).

* If the connected indoor unit model does not include oscillating louvers this function will not be available.

Basic Operation

6



- When the On/Off button is pressed again, the system will stop operating and the operation lamp will turn off.



- * When the system is stopped while in the heating mode, the fan will continue to operate for approximately one minute to remove residual heat from the indoor unit.

Note

- To prevent water damage or system failure, do not immediately remove power from the indoor unit following system operation. Wait at least five minutes for the condensate pump to finishing draining residual water from the unit.

Characteristics of Heat Mode

The system automatically controls the following operating modes to prevent the reduction of heating capacity and space comfort.

Defrost operation

- The system will automatically go into defrost operation to prevent frost accumulation at the outdoor unit and loss of heating capacity.
- The indoor unit fan will stop, and "STANDBY" (Defrost/Hot start) will be displayed on the remote controller.
- The system will return to normal operation usually within six to eight minutes (but not more than 10 minutes).

Hot start

- When the system goes into heat mode, the indoor unit fan will stop in order to prevent a cold draft.
(In that case, "STANDBY" (Defrost/Hot start) will be displayed on the remote controller.)

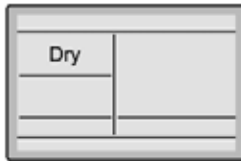
Dry Mode

Preparation

- For equipment protection purposes, apply power to the outdoor units at least six hours before starting the operation of the system.
- The dry mode may not be selected if the remote controller is master controlled and the system is not already in the cooling mode of operation. (see page 17 for details)

Operation

1



- Press Mode button several times until the Dry mode is selected.



* The dry mode may not be available depending on the type of indoor unit.

2



- Press On/Off button. The Operation lamp (green) will illuminate and the system will start operating.



* In Dry mode, the system maintains automatic temperature and fan speed control. Therefore, temperature setpoint or fan speed settings are not available while the indoor unit is in the Dry mode.

3

- Adjust Air Flow Direction from the main menu (see page 23).

* If the connected indoor unit model does not include oscillating louvers this function will not be available.

4



- When the On/Off button is pressed again, the system will stop operating and the operation lamp will turn off.



Note

- To prevent water damage or system failure, do not immediately remove power from the indoor unit following system operation. Wait at least five minutes for the condensate pump to finishing draining residual water from the unit.

Basic Operation

Characteristic of Dry mode

The Dry mode dehumidifies the space at reduced cooling capacity to prevent the room temperature from dropping to uncomfortable levels.



Setback

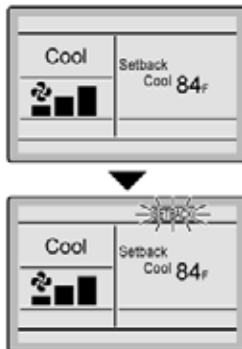
The Setback feature will maintain the space temperature in a specific range during unoccupied periods.

Note

- This function will temporarily start an indoor unit that was previously turned off by the user or turned off from a schedule event / off timer.
- This function must be enabled by the system installer.

Operation

1



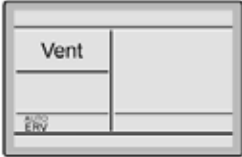





- The setback icon flashes when the unit is turned on under the setback control.

Ventilation Mode When the Indoor Unit is Interlocked with Energy Recovery Ventilator

Preparation

- For equipment protection purposes, apply power to the outdoor units at least six hours before starting the operation of the system.

Operation

- 
 - When operating the energy recovery ventilator (ERV) between seasons without the air conditioner, set the control to ventilation mode.
- Changes to the ventilation mode are made from the main menu.
 - *Ventilation Mode: Auto, ERV, and Bypass
- Changes to the ventilation rate are made from the main menu.
 - *Ventilation Rate: Low or High
- 
 - Press On/Off button. The Operation lamp (green) will illuminate and the system will start operating.
- 
 - When the On/Off button is pressed again, the system will stop operating and the operation lamp will turn off.

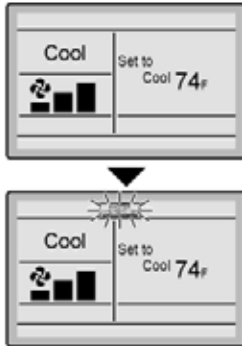
Basic Operation

Setting the Cool / Heat Changeover Master

(VRV only)

Setting Changes See page 18 for an explanation of the cool/heat changeover master indoor unit.

1



- Press the Operation Mode Selector button on the remote controller of the changeover master indoor unit for at least four seconds. (While the backlight is illuminated)



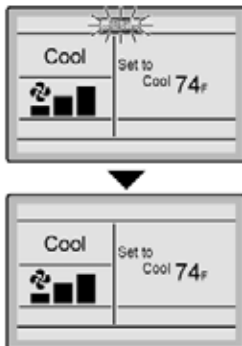
- The "MASTER CONTROLLED" icon on each remote controller for the indoor units connected to the same outdoor unit or BS unit will start flashing.

*Vent mode setting changes are possible regardless of the cool/heat changeover master indoor unit.
 * If cool/heat mode is configured for control from the outdoor unit, all remote controllers serving the associated indoor units will display its "MASTER CONTROLLED" icon.

- Set the cool/heat changeover master indoor unit as outlined below.

Selection Settings The icon "MASTER CONTROLLED" will flash on all remote controllers when the power is turned ON for the first time.

2

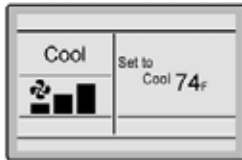



- Press the Mode Selector button on the remote controller of the indoor unit which is to serve as the cool/heat changeover master.



The remote controller for the changeover master indoor unit is established and the "MASTER CONTROLLED" icon disappears. Other remote controllers in the system (indoor units served by the same outdoor unit or indoor units served by the same branch selector (BS) unit) will now display the "MASTER CONTROLLED" icon.

3



- Press the Mode button on the remote controller of the indoor unit designated as the cool/heat changeover master (the remote controller not displaying the  icon) repeatedly until the desired mode is selected. The display will change to "Fan", "Dry", "Auto", "Cool", "Heat" each time the button is pressed.
- Simultaneously, the other indoor units on the system will follow suit and change modes to reflect the new mode selected at the changeover master remote controller.



3

Cool / Heat Mode Selection Availability

- "Cool", "Heat" and "Auto" are all only available for selection on the cool/heat changeover master indoor unit. The following table indicates the available operating modes of the other indoor units on the system based upon the selected mode of the master indoor unit.

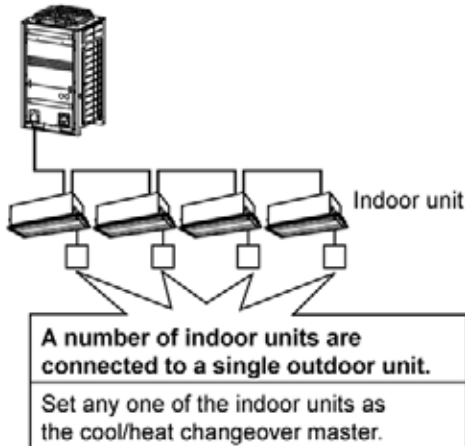
When the master indoor unit is set to	The other indoor units in the system can be set to			
	Cool	Dry	Heat	Fan
Cool mode	✓	✓		✓
Dry mode	✓	✓		✓
Heat mode			✓	✓
Fan mode				✓
Auto mode (Cooling operation)	✓	✓		✓
Auto mode (Heating operation)			✓	✓

Basic Operation

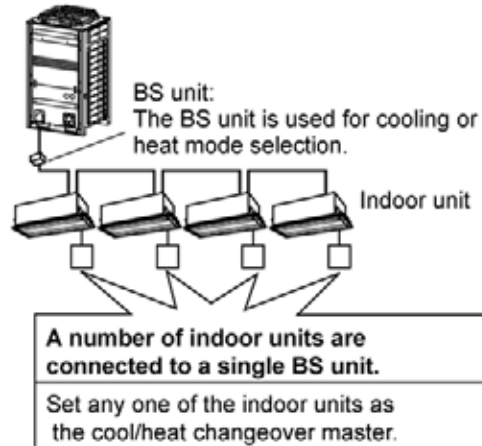
Precautions for Selecting the Cool / Heat Changeover Master Indoor Unit

- The cool/heat changeover master must be set for a single indoor unit in the following applications

(2-Pipe Heat Pump System)



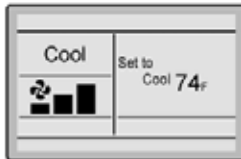
(3-Pipe Heat Recovery System)



Key Lock

Operation Confirm and cancel Key Lock settings in the basic display screen.

1

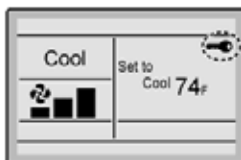



Basic screen

- Press the Menu/OK button for at least four seconds. (While the backlight is illuminated)



2



- “” will appear. All buttons are disabled when the keys are locked.
- To cancel the key lock mode, continue pressing Menu/OK button for at least four seconds. (While the backlight is illuminated)

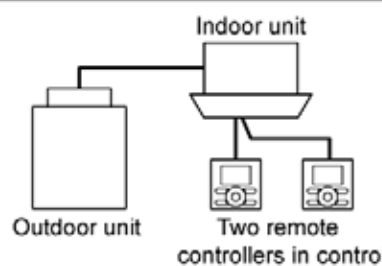
Quick Reference

■ The main menu has the following items.

Menu item		Description	Reference page
Air Flow Direction		Used to configure air flow direction settings. <ul style="list-style-type: none"> • The air flow direction louver is automatically operated up and down (left and right). • The fixed air flow directions are configurable for five positions. * This function is not available on all models.	23
Ventilation (Ventilation operation settings for energy recovery ventilator)	Ventilation Rate	Used to set "Low" or "High"	26
	Ventilation Mode	Used to set Auto, ERV, or Bypass.	27
Schedule	Daily Patterns	<ul style="list-style-type: none"> • Day settings are selected from three patterns, i.e., "7Days", "Weekday/Weekend", and "Weekday/Sat/Sun". 	29
	Settings	<ul style="list-style-type: none"> • Set the startup time and operation stop time. <ul style="list-style-type: none"> ON: Startup time, cooling and heating temperature setpoints can be configured. OFF: Operation stop time, cooling and heating setback temperature setpoints can be configured. (--: Indicates that the setback function is disabled for this time period.) —: Indicates that the temperature setpoint and setback temperature setpoint for this time period is not specified. The last active setpoint will be utilized. • Up to five actions can be set for each day. 	30
Off Timer		Used to set each operation period of the system. <ul style="list-style-type: none"> • Possible to set in 10 minute increments from 30 to 180 minutes. 	33
Celsius / Fahrenheit		<ul style="list-style-type: none"> • Used to select whether temperature values will be displayed in Celsius or Fahrenheit. 	—
Maintenance Information		Used to display the maintenance information.	35

Menu item		Description	Reference page
Configuration	Contrast Adjustment	Used to make LCD contrast adjustment.	36
	Display Standard or Detailed Display	Used to set standard or detailed display mode. <ul style="list-style-type: none"> • Display mode Standard or detailed display • Detailed display provides the choice to display between Room Temp, Outside Air Temp, System or None. 	37
Current Settings		<ul style="list-style-type: none"> • Used to display a list of current settings for available items. 	39
Clock & Calendar	Date & time	Used to configure date and time settings and corrections. <ul style="list-style-type: none"> • The default time display is 12H. • The clock will maintain accuracy to within ± 30 seconds per month. • If there is a power failure for a period not exceeding 48 hours, the clock will continue working with the built-in backup power supply. 	39
	12H/24H Clock	The time can be displayed in either a 12 hour or 24 hour time format.	42
Daylight Saving Time		Used to adjust the clock in observance of daylight saving time.	—
Language		The display language can be selected between English, Francais or Espanol.	42

Note: Available setting items vary with the indoor unit model.

Sub Remote Controller Menu Items	
<p>If two remote controllers are in control of a single indoor unit, the following menu items are not set in the sub remote controller. In this case, the following items should be configured in the main remote controller.</p> <ul style="list-style-type: none"> • Schedule • Off timer • Setback 	 <p>The diagram illustrates a system configuration where an outdoor unit is connected to an indoor unit. The indoor unit is then connected to two separate remote controllers, labeled as 'Two remote controllers in control'.</p>

Menu Options

Moving Within the Main Menu Screen

■ Display Method for Main Menu

Operation

1

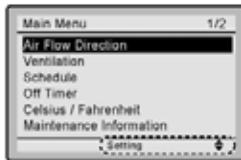


Basic screen

- Press Menu/OK button.



2



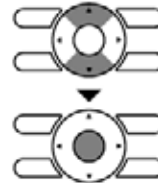
Main menu screen

- The main menu screen will appear.

← Instructions for moving within the main menu will appear.

3

- Selecting items from the main menu.
 1. Press ▼▲ buttons to select the desired item to be set.
 2. Press Menu/OK button to display the details for the selected item.



4

- To go back to the basic screen from the main menu, press the Cancel button.



Note

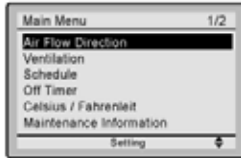
- If a button is not pressed for 5 minutes during configuration, the controller will automatically revert to the basic screen.

Air Flow Direction

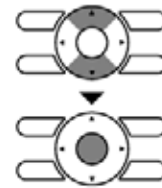
■Configuring Air Flow Direction

Operation

1



- Display the main menu screen.
(See page 22.)
- Press ▼▲ buttons to select **Air Flow Direction** on the main menu screen and press the Menu/OK button.
(For models with no airflow direction adjustment, **Air Flow Direction** will not be displayed on the main menu screen.)



2



Air Flow Direction (up/down)



Air Flow Direction (left/right)

- The air flow direction screen will appear.

Note

- Air flow direction appears on the screen as below.



Up/down direction



Left/right direction

- 0 : Position 0
- 1 : Position 1
- 2 : Position 2
- 3 : Position 3
- 4 : Position 4

Menu Options

3



Left/right direction



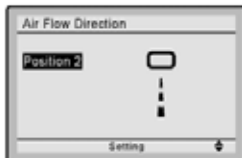
Up/down direction

- Pressing ▼▲ buttons changes the setting to (in order) **Swing**, **Position 0**, **Position 1**, **Position 2**, **Position 3**, and **Position 4**.



- Selecting **Swing** will cause the air flow direction louver to oscillate back and forth.
For the swing setting only, all positions will be displayed.

4

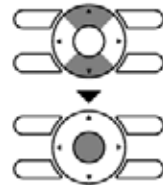


Left/right direction



Up/down direction

- When you select positions 0 to 4, the louver will stay in a fixed position.
 * The illustration is an example of the display when position 2 is selected.
- Press ▼▲ buttons to select the desired air flow direction. Press Menu/OK button to return to the basic screen.



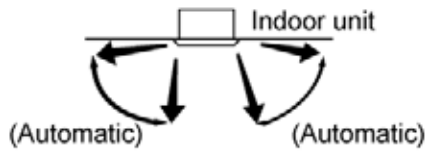
3

Operational Details and Functions

There are two types of air flow direction settings.

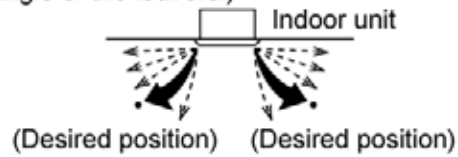
Air flow direction swing

The louvers automatically oscillate up and down.



Air flow direction

You can select from one of five fixed directions. (This has no relation to the angle of the louvers.)



Movement of air flow direction louver

Under the operating conditions shown below, air flow direction is controlled automatically. Actual operation may be different than what is displayed on the remote controller.

Operating condition	<ul style="list-style-type: none"> • Room temperature is higher than the remote controller's setpoint (in heating operation). • When defrosting (in heating operation). (The air flow discharges horizontally to avoid creating a draft for the room occupants.) • Under continuous operation with the air flow discharging horizontally.
----------------------------	--

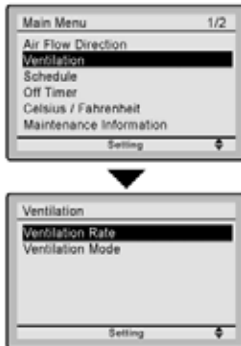
Menu Options

Ventilation

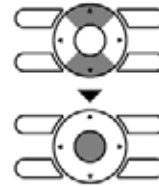
■ Ventilation screen display properties

Operation

1



- Display the main menu screen.
(See page 22.)
- Press ▼▲ buttons to select **Ventilation** on the main menu screen.
(For models with no ventilation function, **Ventilation** will not be displayed on the main menu screen.)
Press Menu/OK button to display the ventilation screen.



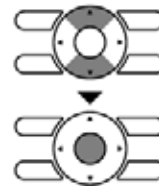
■ Changing the ventilation rate

Operation

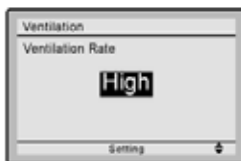
1



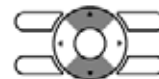
- Navigate to the ventilation screen (see above).
- Press ▼▲ buttons to select **Ventilation Rate** on the ventilation screen.
Press Menu/OK button to display the ventilation rate screen.



2



- Press the ▼▲ buttons to toggle between the **Low** and **High** settings.
*Only modes that can be set are displayed.



3

- Selecting and confirming the desired ventilation rate will take you back to the basic screen.
(Pressing the Cancel button takes you back to the previous screen without changing the ventilation rate.)



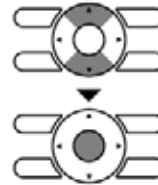
■ Changing the ventilation mode

Operation

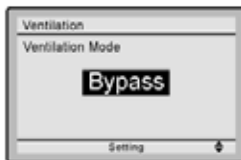
1



- Display the ventilation screen.
(See page 26.)
- Press ▼▲ buttons to select **Ventilation Mode** on the ventilation screen.
Press Menu/OK button to display the ventilation mode screen.



2



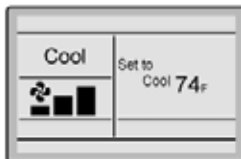
- Pressing the ▼▲ buttons cycles through the settings in the order shown below.



* Only modes that can be set are displayed.



3



- Selecting and confirming the desired ventilation mode will take you back to the basic screen.
(Pressing the Cancel button takes you back to the previous screen without changing the ventilation mode.)



Ventilation Mode

Menu Options

Auto mode

Using information from the air conditioner (cool, heat, fan, and setpoint) and the energy recovery ventilator unit (indoor and outdoor temperatures), the ventilation mode is automatically changed between ERV and Bypass.

ERV mode

Outside air is passed through the ERV core and is supplied to the conditioned space.

Bypass mode

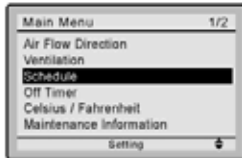
Outside air is supplied to the conditioned space without passing through the ERV core.

Schedule

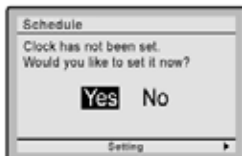
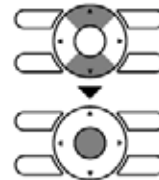
■ Setting the schedule

Operation The schedule can not be enabled when a multizone controller is connected.

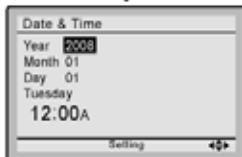
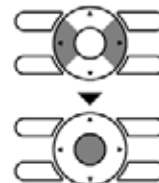
1



- Display the main menu screen. (See page 22.)
- Press ▼▲ buttons to select **Schedule**. Press Menu/OK button to display the schedule screen.



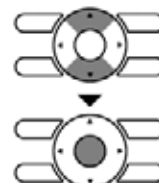
- Before setting the schedule, the clock must be set.
- If the clock has not been set, a screen like the one on the left will appear. Press ◀▶ buttons to select **Yes** and press Menu/OK button.
- The date & time screen will appear.
- Set the current year, month, day, and time. (See clock settings on page 39.)



2



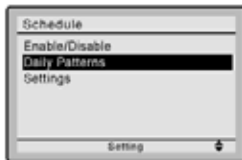
- Press ▼▲ buttons to select the desired function on the schedule screen and press Menu/OK button.



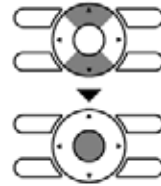
■ Daily Patterns

Operation

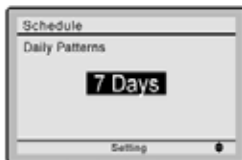
1



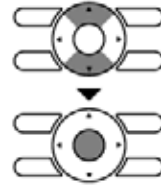
- The schedule screen will appear.
- Press ▼▲ buttons to select **Daily Patterns** on the schedule screen.
The daily patterns screen will appear when the Menu/OK button is pressed.



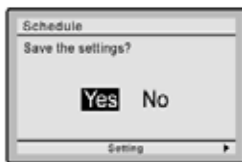
2



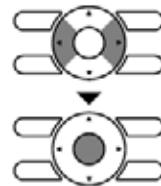
- Press ▼▲ buttons to select **7 Days**, **Weekday/Weekend**, or **Weekday/Sat/Sun** on the daily patterns screen.
The confirmation screen will appear when the Menu/OK button is pressed.



3



- Press ◀▶ buttons to select **Yes** on the confirmation screen.
Pressing the Menu/OK button enters the daily patterns in the schedule and takes you back to the main menu screen.

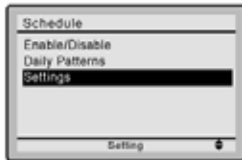


Menu Options

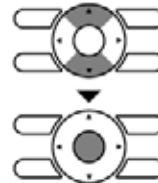
■ Settings

Operation

1



- The schedule screen will appear.
- Press ▼▲ buttons to select **Settings** on the schedule screen. The settings screen will appear when the Menu/OK button is pressed.



2



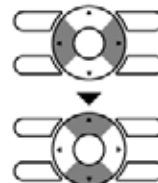
- Press ▼▲ buttons to select the day to be set.



3



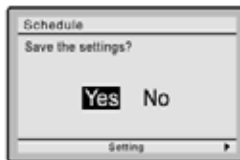
- Input the time for the selected day.
- Press ◀▶ buttons to move the highlighted item and press ▼▲ buttons to input the desired operation start time. Each press of ▼▲ buttons moves the numbers by 1 hour or 1 minute.



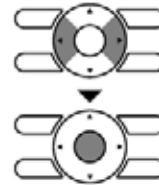
3

Menu Options

6



- Press ◀▶ buttons to select "Yes" on the confirmation screen. Pressing the Menu/OK button confirms the settings for each day and takes you back to the main menu screen.



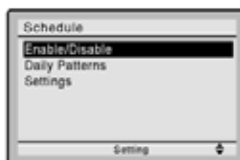
3



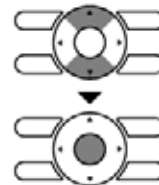
Enabling or disabling the schedule

Operation

1



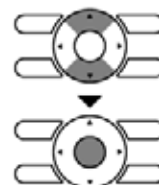
- Display the schedule screen. (See page 28.)
- Press ▼▲ buttons to select **Enable / Disable** on the schedule screen. Press Menu/OK button to display the enable/disable screen.



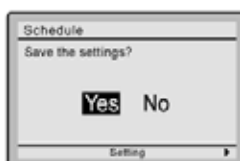
2



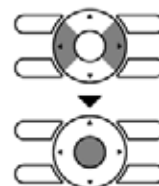
- Press ▼▲ buttons to select **Enable** or **Disable** on the enable/disable screen. Press Menu/OK button after selecting the item. The confirmation screen will appear.



3



- Press ◀▶ buttons to select **Yes** on the confirmation screen. Pressing Menu/OK button confirms the enable/disable setting for the schedule and takes you back to the basic screen.

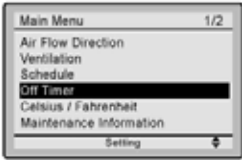
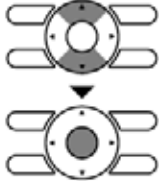


Off Timer

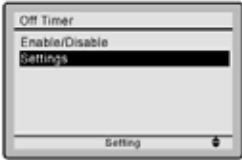
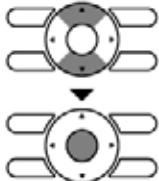
■Configuring and Confirming the Off Timer settings

Operation

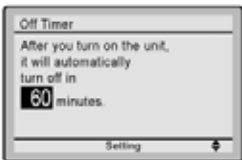
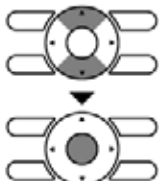
- 1**


 - Display the main menu screen.
(See page 22.)
 - Press ▼▲ buttons to select the **Off Timer** on the main menu screen. Press Menu/OK button to display the off timer screen.

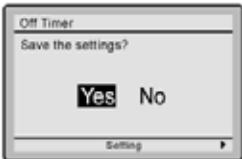
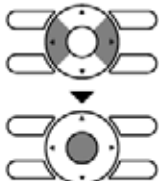
- 2**


 - Press ▼▲ buttons to select **Settings** on the off timer screen. Press Menu/OK button to display the configuration screen.

- 3**


 - Use ▼▲ buttons to set the time from operation start until the unit automatically stops. Selections can be made in increments of 10 minutes from 30 to 180 minutes. Holding down the button causes the number to change continuously.
 - Select the desired time and press Menu/OK button. The confirmation screen will appear.

- 4**


 - Press ◀▶ button to select **Yes** on the confirmation screen. Pressing Menu/OK button confirms the off timer and takes you back to the basic screen.

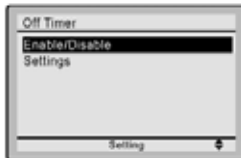
Menu Options



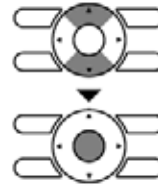
Enabling or disabling the off timer

Operation

1



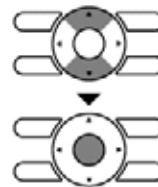
- Navigate to the off timer screen.
(See page 33.)
- Press ▼▲ buttons to select **Enable/Disable** on the off timer screen. Press Menu/OK button to display the enable/disable screen.



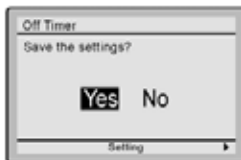
2



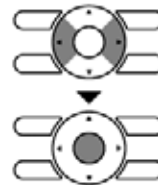
- Press ▼▲ buttons to select **Enable** or **Disable** on the enable/disable screen. Press Menu/OK button after selecting the item. Then the confirmation screen will appear.



3



- Press ◀▶ button to select **Yes** on the confirmation screen. Pressing Menu/OK button confirms the enable/disable for the off timer and takes you back to the basic screen.



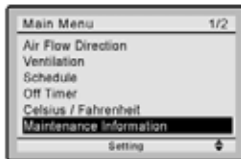
3

Maintenance Information

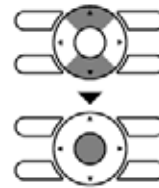
■ Displaying the service contact and model information

Operation

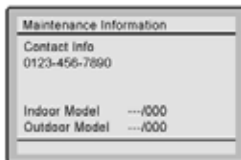
1



- Display the main menu screen. (See page 22.)
- Press ▼▲ buttons to select **Maintenance Information** on the main menu screen and press Menu/OK button.



2



- The phone number for the contact will appear at the top of the screen. (If it has not yet been entered, it will not appear.)
- The model information of the indoor and outdoor units for your product will appear on the bottom of the screen. (For some models the product code may appear.)

*The model name will not appear if the indoor unit PCB has been replaced.

*The error code history may also appear. If the operation lamp is not blinking, the unit is working properly. The error code history will disappear if you press On/Off button for more than 4 seconds.



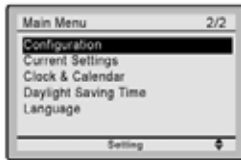
Menu Options

Configuration

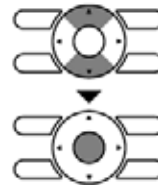
■ Contrast Adjustment

Operation

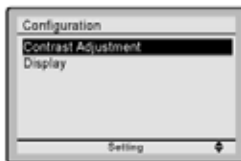
1



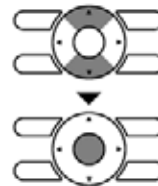
- Display the main menu screen.
(See page 22.)
- Press ▼▲ buttons to select **Configuration** on the main menu screen.
Press Menu/OK button to display the configuration screen.



2



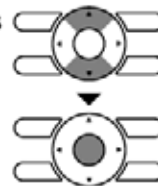
- Navigate to the configuration screen.
- Press ▼▲ buttons to select **Contrast Adjustment** on the configuration screen.
Press Menu/OK button to display the contrast adjustment screen.



3



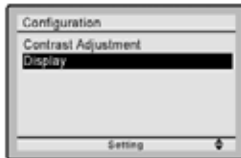
- On the contrast adjustment screen press ▼▲ buttons until you reach the desired contrast.
After setting, press Menu/OK button and return to the basic screen.



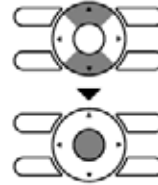
■ Display Display Mode

Operation

1



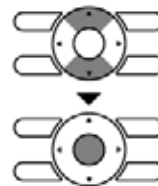
- Navigate to the configuration screen. (See page 36.)
- Press ▼▲ buttons to select **Display** on the configuration screen. Press Menu/OK button to display the display screen.



2



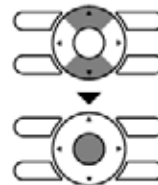
- Press ▼▲ buttons to select **Display Mode** on the display screen. Press Menu/OK button to display the Display Mode screen.



3



- Press ▼▲ buttons to select **Standard** or **Detailed** on the display screen.
 - Press Menu/OK button to confirm the settings and return to the basic screen.
- * Refer to Display Item to change detailed display selection. (See page 38.)

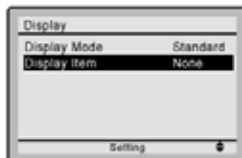


Menu Options

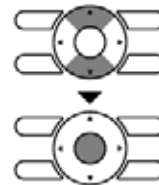
Display Item

Operation

1



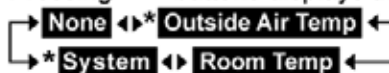
- Navigate to the display screen.
(See page 37.)
- Press ▼▲ buttons to select **Display Item** on the display screen. Press Menu/OK button to display the display item screen.



2



- Pressing ▼▲ buttons displays the following.



* Some models may not display these items even if they are selected.

- Be sure to read the following notes regarding display of room temperature and outside air temperature.

Room Temp

..... The temperature at the remote controller.
The temperature that is detected may be affected by the location of the remote controller.

Outside Air Temp

..... The temperature at the outdoor unit.
The temperature that is detected may be affected by factors such as the location of the unit (for example, if it is in direct sunlight) and unit operation during defrosting.

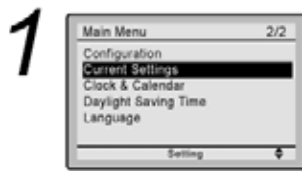
- After setting, press Menu/OK button to confirm settings and return to the basic screen.



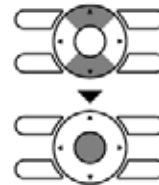
Current Settings

■ Manipulating the current settings

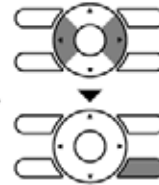
Operation



- Display the main menu screen. (See page 22.)
- Press ▼▲ buttons to select **Current Settings** on the main menu screen and press Menu/OK button.



- A list showing the current setting status will appear. Press ◀▶ buttons to go to the next item.
- Pressing the Cancel button takes you back to the main menu screen.



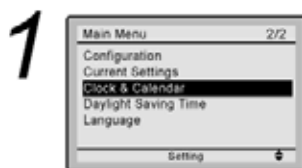
Display items	
Air Flow Direction	Off Timer
Ventilation Rate	Display
Ventilation Mode	Display item
Schedule	

* Display items may differ depending on the model. Only the items that can be set are displayed.

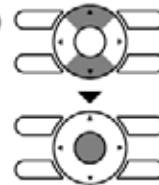
Clock & Calendar

■ Date & Time

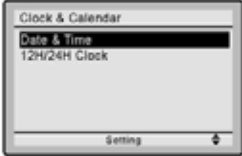

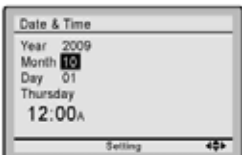

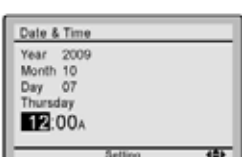
Operation



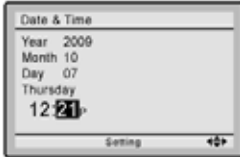
- Display the main menu screen. (See page 22.)
- Press ▼▲ buttons to select **Clock & Calendar** on the main menu screen. Press Menu/OK button to display the clock & calendar screen.



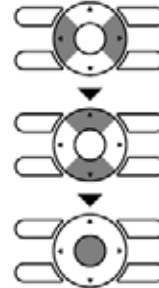
Menu Options

- 2**  • Press ▼▲ buttons to select **Date & Time** on the clock & calendar screen. Press Menu/OK button to display the date & time screen.
- 3**  • Select "Year" with ◀▶ buttons. Change the year with ▼▲ buttons. Holding down the button causes the number to change continuously.
- 4**  • Select "Month" with ◀▶ buttons. Change the month with ▼▲ buttons. Holding down the button causes the number to change continuously.
- 5**  • Select "Day" with ◀▶ buttons. Change the day with ▼▲ buttons. Holding down the button causes the number to change continuously. Days of the week change automatically.
- 6**  • Select "Hour" with ◀▶ buttons. Change the hour with ▼▲ buttons. Holding down the button causes the number to change continuously.

7



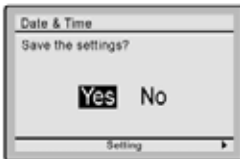
- Select "Minute" with ◀▶ buttons. Change the minute with ▼▲ buttons. Holding down the button causes the number to change continuously.
- Press Menu/OK button. The confirmation screen will appear.



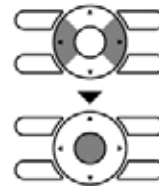
Note:

The date can be set between January 1, 2009 and December 31, 2099.

8



- Press ◀▶ button to select **Yes** on the confirmation screen. Press Menu/OK button to confirm the clock and return to the basic screen.



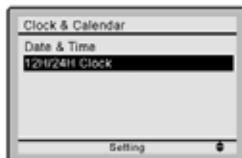
*When setting the schedule, the display returns to the settings screen.

Menu Options

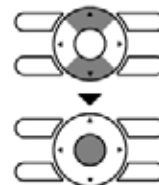
■ 12H/24H CLOCK

Operation

1



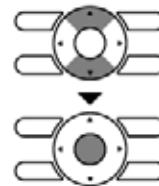
- Display the clock & calendar screen. (See page 39.)
- Press ▼▲ buttons to select **12H/24H Clock** on the Clock & Calendar screen. The 12H/24H clock screen will appear when the Menu/OK button is pressed.



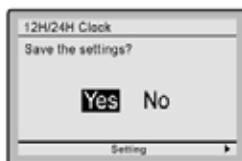
2



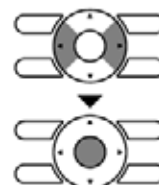
- By default, the time display is set to the 12H format.
- Press ▼▲ buttons to select **12H** or **24H** on the 12H/24H clock screen.
- The confirmation screen will appear when the Menu/OK button is pressed.



3



- Press ◀▶ buttons to select **Yes** on the confirmation screen. Pressing the Menu/OK button confirms the 12H or 24H and takes you back to the main menu screen.

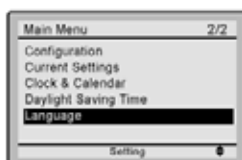


Language

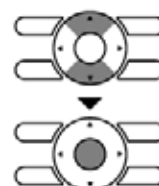
■ Selectable Languages

Operation

1



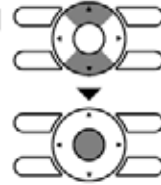
- Display the main menu screen. (See page 22.)
- Press ▼▲ buttons to select **Language** on the main menu screen and press the Menu/OK button.



2



- Press ▼▲ buttons to select the preferred language on the language screen. English/Français/Español are available.
- Press Menu/OK button to confirm the settings and return to the basic screen.

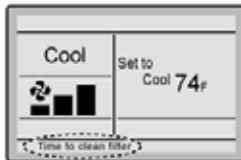


Maintenance

Reset Filter Indicator

Operation

1



- When it is time to clean or replace the filter, one of the following messages will appear on the bottom of the basic screen.
 - “Time to clean filter”
 - “Time to clean filter & element”
 - “Time to clean element”

- Wash, clean, or replace the filter or element.
For details, refer to the operation manual supplied with the indoor unit.

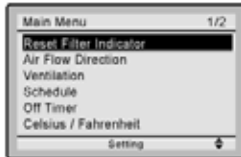
2

- Reset the filter indicator when the filter or element is cleaned or replaced.
- Press Menu/OK button.
The main menu screen will appear.

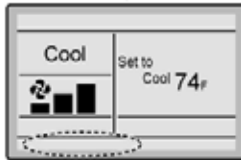
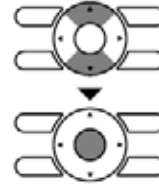


Maintenance

3



- Press ▼▲ buttons to select **Reset Filter Indicator** on the main menu screen and press Menu/Enter button.



- The display shown in illustration 1 will disappear from the basic screen when the filter sign is reset.

Maintaining the Unit and LCD Display

- Wipe the LCD and surface of the remote controller with a dry cloth when they become dirty.
- If the dirt on the surface cannot be removed, soak the cloth in neutral detergent diluted with water, squeeze the cloth tightly, and clean the surface. Wipe the surface with a dry cloth.

Note

- Do not use any paint thinner, organic solvent, or strong acid.

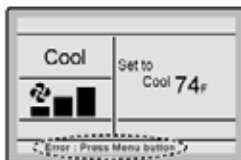
Reference Information

Error Code Display

■ Contact your Daikin dealer in the following cases

Operation

1



- If an error occurs, either one of the following items will flash in the basic screen.

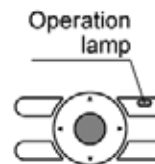
“Error: Push Menu button”

* The operation lamp will flash.

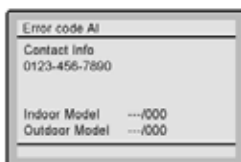
“Warning: Push Menu button”

* The operation lamp will not flash.

- Press Menu/OK button.



2



- The error code will flash and the service contact and model name or code may appear.
- Notify your Daikin dealer of the Error code and model name or code.

Reference Information

After-sale Service

Warning

- Do not relocate or reinstall the remote controller by yourself.
Improper installation may result in electric shocks or fire.
Consult your Daikin dealer.

**3**

■ Advise your Daikin Dealer of the following items

- Model name
- Date of installation
- Failure conditions: As precise as possible.
- Your address, name, and telephone number

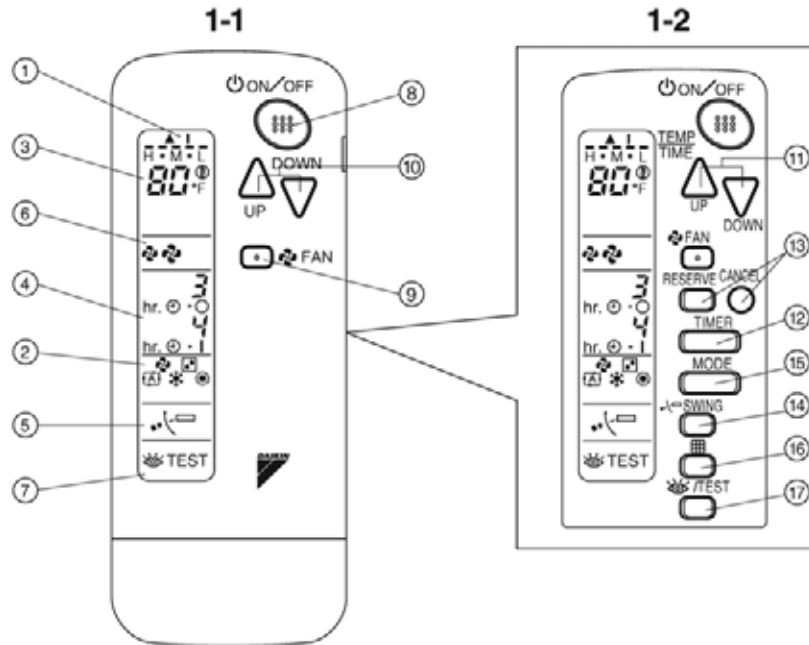
■ Repairs after Warranty Period

Consult your Daikin dealer.

■ Inquiry about After-sale Service

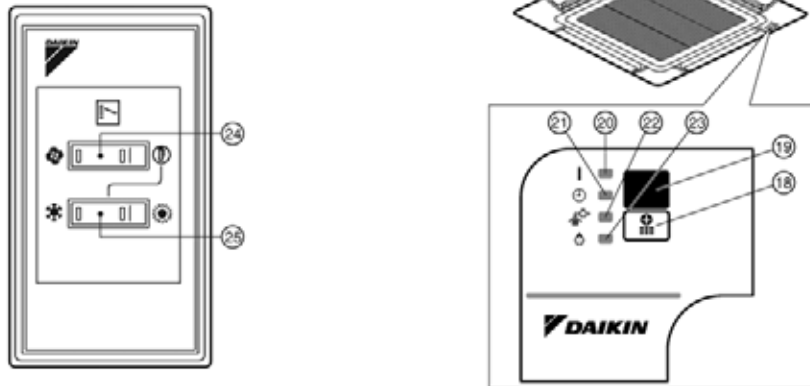
Contact your Daikin dealer.

2.2 With <BRC7E830> Wireless Remote Controller



1

1-3
COOL/HEAT CHANGEOVER
REMOTE CONTROL SWITCH



1

2

PRIOR TO USE

This operation manual is exclusively for instructions on how to use the wireless remote controller. Read also the operation manual attached to the indoor unit for safe usage of the system and maintenance.

[1]

CONTENTS

ILLUSTRATION.....[1]
 PRIOR TO USE.....[2]

1. SAFETY CONSIDERATIONS 1
 2. NAMES AND FUNCTIONS OF THE
 OPERATING SECTION (Fig. 1, 2).....2
 3. HANDLING FOR WIRELESS REMOTE
 CONTROLLER.....3
 4. OPERATION RANGE4
 5. OPERATION PROCEDURE4
 6. NOT MALFUNCTION OF THE AIR
 CONDITIONER.....9
 7. HOW TO DIAGNOSE TROUBLE SPOTS.. 10

1. SAFETY CONSIDERATIONS

Please read these "SAFETY CONSIDERATIONS" carefully before installing air conditioning equipment and be sure to install it correctly. After completing the installation, make sure that the unit operates properly during the test run.

Please instruct the customer on how to operate the unit and keep it maintained.

Also, inform customers that they should store this operation manual along with the installation manual for future reference.

This air conditioner comes under the term "appliances not accessible to the general public". Meaning of warning, caution and note symbols.

⚠ WARNING Indication a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION Indication a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

⚠ NOTE Indication situation that may result in equipment or property-damage-only accidents.

Keep these warning sheets handy so that you can refer to them if needed.

Also, if this equipment is transferred to a new user, make sure to hand over this operation manual to the new user.

— **⚠ WARNING** —

- **It is not good for your health to expose your body to the air flow for a long time.**
- **In order to avoid electric shock, fire or injury, or if you detect any abnormality such as smell of fire, turn off power and call your dealer for instructions.**
- **Ask your dealer for installation of the air conditioner.**
 Incomplete installation performed by yourself may result in a water leakage, electric shock, and fire.
- **Ask your dealer for improvement, repair, and maintenance.**
 Incomplete improvement, repair, and maintenance may result in a water leakage, electric shock, and fire.
- **Do not put a finger, a rod or other objects into the air inlet or outlet. As the fan is rotating at high speed, it will cause injury.**
- **Ask your dealer to move and reinstall the air conditioner.**
 Incomplete installation may result in a water leakage, electric shock, and fire.
- **Do not touch the switch with wet fingers.**
 Touching a switch with wet fingers can cause electric shock.
- **Do not operate the air conditioner with a wet hand.**
 Otherwise, you could receive an electric shock.

— **⚠ CAUTION** —

- **Do not use the air conditioner for other purposes.**
 In order to avoid any quality deterioration, do not use the unit for cooling precision instruments, food, plants, animals or works of art.
- **To avoid oxygen deficiency, ventilate the room sufficiently if equipment with burner is used together with the air conditioner.**
- **Do not allow a child to mount on the unit or avoid placing any object on it.**
 Falling or tumbling may result in injury.

- **Do not let children play on and around the unit.**
If they touch the unit carelessly, it may result in injury.
- **Do not place a flower vase and anything containing water.**
Water may enter the unit, causing an electric shock or fire.
- **Do not operate the air conditioner when using a room fumigation - type insecticide.**
Failure to observe could cause the chemicals to become deposited in the unit, which could endanger the health of those who are hypersensitive to chemicals.
- **Never use flammable spray such as hair spray, lacquer or paint near the unit.**
It may cause a fire.

2. NAMES AND FUNCTIONS OF THE OPERATING SECTION (Fig. 1, 2)

1	DISPLAY "▲" (SIGNAL TRANSMISSION) This lights up when a signal is being transmitted.
2	DISPLAY " " (OPERATION MODE) This display shows the current OPERATION MODE.
3	DISPLAY " " (SET TEMPERATURE) This display shows the set temperature.
4	DISPLAY " " (PROGRAMMED TIME) This display shows PROGRAMMED TIME of the system start or stop.
5	DISPLAY " " (AIR FLOW FLAP) Refer to page 6.
6	DISPLAY " " (FAN SPEED) The display shows the set fan speed.
7	DISPLAY " " (INSPECTION/TEST RUN) When the INSPECTION/TEST RUN BUTTON is pressed, the display shows the system mode is in.

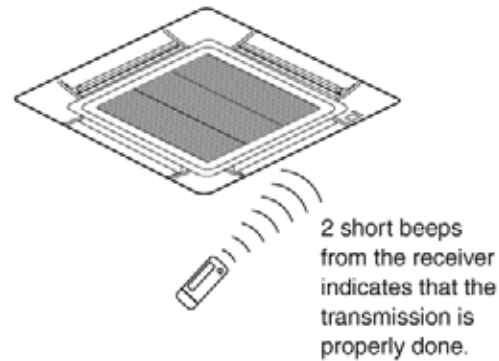
8	ON/OFF BUTTON Press the button and the system will start. Press the button again and the system will stop.
9	FAN SPEED CONTROL BUTTON Press this button to select the fan speed, HIGH or LOW, of your choice.
10	TEMPERATURE SETTING BUTTON Use this button for SETTING TEMPERATURE (Operates with the front cover of the remote controller closed.)
11	PROGRAMMING TIMER BUTTON Use this button for programming "START and/or STOP" time. (Operates with the front cover of the remote controller opened.)
12	TIMER MODE START/STOP BUTTON Refer to page 7.
13	TIMER RESERVE/CANCEL BUTTON Refer to page 7.
14	AIR FLOW DIRECTION ADJUST BUTTON Refer to page 6.
15	OPERATION MODE SELECTOR BUTTON Press this button to select OPERATION MODE.
16	FILTER SIGN RESET BUTTON Refer to the section of MAINTENANCE in the operation manual attached to the indoor unit.
17	INSPECTION/TEST RUN BUTTON This button is used only by qualified service persons for maintenance purposes.
18	EMERGENCY OPERATION SWITCH This switch is readily used if the remote controller does not work.
19	RECEIVER This receives the signals from the remote controller.
20	OPERATING INDICATOR LAMP (Red) This lamp stays lit while the air conditioner runs. It flashes when the unit is in trouble.
21	TIMER INDICATOR LAMP (Green) This lamp stays lit while the timer is set.
22	AIR FILTER CLEANING TIME INDICATOR LAMP (Red) Lights up when it is time to clean the air filter.

23	DEFROST LAMP (Orange) Lights up when the defrosting operation has started.
24	FAN/AIR CONDITIONING SELECTOR SWITCH Set the switch to "🌀" (FAN) for FAN and "Ⓜ️" (A/C) for HEAT or COOL.
25	COOL/HEAT CHANGEOVER SWITCH Set the switch to "❄️" (COOL) for COOL and "🔥" (HEAT) for HEAT.
NOTE 📖 <ul style="list-style-type: none"> • For the sake of explanation, all indications are shown on the display in Fig. 1 contrary to actual running situations. • Fig. 1-2 shows the remote controller with the front cover opened. • If the air filter cleaning time indicator lamp lights up, clean the air filter as explained in the operation manual provided with the indoor unit. • After cleaning and reinstalling the air filter, press the filter sign reset button on the remote controller. The air filter cleaning time indicator lamp on the receiver will go out. • The defrost lamp will flash when the power is turned on. This is not a malfunction. 	

3. HANDLING FOR WIRELESS REMOTE CONTROLLER

Precautions in handling remote controller
Direct the transmitting part of the remote controller to the receiving part of the air conditioner.

If something blocks the transmitting and receiving path of the indoor unit and the remote controller as curtains, it will not operate.



Transmitting distance is approximately 23 ft.

Do not drop or get it wet.
 It may be damaged.

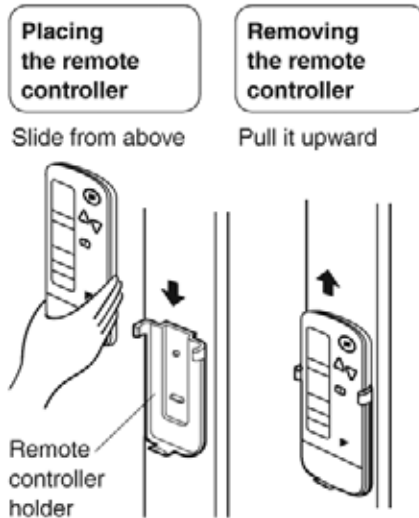
Never press the button of the remote controller with a hard, pointed object.
 The remote controller may be damaged.

Installation site

- It is possible that signals will not be received in rooms that have electronic fluorescent lighting. Please consult with your dealer before buying new fluorescent lights.
- If the remote controller operates some other electrical apparatus, move that machine away or consult your dealer.

Placing the remote controller in the remote controller holder

Install the remote controller holder to a wall or a pillar with the attached screw. (Make sure it transmits.)



How to put the dry batteries

- (1) Remove the back cover of the remote controller to the direction pointed by the arrow mark.
- (2) Put the batteries. Use two dry cell batteries (AAA, LR03 (alkaline)). Put dry batteries correctly to fit their (+) and (-).
- (3) Close the cover.



— When to change batteries —

Under normal use, batteries last about a year. However, change them whenever the indoor unit doesn't respond or responds slowly to commands, or if the display becomes dark.

[CAUTIONS]

- Replace all batteries at the same time, do not use new and old batteries intermixed.
- In case the remote controller is not used for a long time, take out all batteries in order to prevent liquid leak of the battery.

IN THE CASE OF CENTRALIZED CONTROL SYSTEM

If the indoor unit is under centralized control, it is necessary to switch the remote controller's setting.

In this case, contact your DAIKIN dealer.

4. OPERATION RANGE

See the operation manual provided with the air conditioner.

The setting temperature range of the remote controller is 60 to 90°F.

5. OPERATION PROCEDURE

Refer to Fig. 1 on page [1]

- To protect the unit, turn on the main power switch 6 hours before operation.
- If the main power supply is turned off during operation, operation will restart automatically after the power turns back on again.

COOLING, HEATING, AUTOMATIC, FAN, AND PROGRAM DRY OPERATION

Operate in the following order.

<<FOR SYSTEMS WITHOUT COOL/HEAT CHANGEVER REMOTE CONTROL SWITCH>>

Refer to Fig. 1-1, 2 on page [1]



Press **OPERATION MODE SELECTOR** button several times and select the **OPERATION MODE** of your choice as follows.

- COOLING OPERATION "❄"
- HEATING OPERATION..... "☀"
- AUTOMATIC OPERATION..... "⏸"
- In this operation mode, COOL/HEAT changeover is automatically conducted.
- FAN OPERATION "🌀"
- DRY OPERATION..... "💧"
- The function of this program is to decrease the humidity in your room with the minimum temperature decrease.
- Micro computer automatically determines TEMPERATURE and FAN SPEED.
- This system does not go into operation if the room temperature is below 60°F.

- See "FOR SYSTEMS WITHOUT COOL/HEAT CHANGEOVER REMOTE CONTROL SWITCH" for details on dry operation.

(2) Press OPERATION MODE SELECTOR button several times and select "☀"
(This operation is only available during dry operation.)



Press ON/OFF button

OPERATION lamp lights up or goes off and the system starts or stops OPERATION.

NOTE

- Do not turn OFF power immediately after the unit stops. Then, wait no less than 5 minutes. Water is leaking or there is something else wrong with the unit.

<<FOR SYSTEMS WITH COOL/HEAT CHANGEOVER REMOTE CONTROL SWITCH>>

Refer to Fig. 1-1, 3 on page [1]



(1) Select OPERATION MODE with the COOL/HEAT CHANGEOVER REMOTE CONTROL SWITCH as follows.

- COOLING OPERATION "❄"
- HEATING OPERATION..... "☀"
- FAN OPERATION "🌀"
- DRY OPERATION..... "💧"



Press ON/OFF button

OPERATION lamp lights up or goes off and the system starts or stops OPERATION.

NOTE

- Do not turn OFF power immediately after the unit stops. Then, wait no less than 5 minutes. Water is leaking or there is something else wrong with the unit.

[EXPLANATION OF HEATING OPERATION] DEFROST OPERATION

- As the frost on the coil of an outdoor unit increase, heating effect decreases and the system goes into DEFROST OPERATION.
- The fan operation stops and the DEFROST lamp of the indoor unit goes on. After 6 to 8 minutes (maximum 10 minutes) of DEFROST OPERATION, the system returns to HEATING OPERATION.

Heating capacity & Outdoor air temperature

- Heating capacity drops as outdoor air temperature lowers. If feeling cold, use another heater at the same time as this air conditioner.
- Hot air is circulated to warm the room. It will take some time from when the air conditioner is first started until the entire room becomes warm. The internal fan automatically turns at low speed until the air conditioner reaches a certain temperature on the inside. In this situation, all you can do is wait.
- If hot air accumulates on the ceiling and feet are left feeling cold, it is recommended to use a circulator. For details, contact your dealer.

ADJUSTMENT

For programming TEMPERATURE, FAN SPEED and AIR FLOW DIRECTION, follow the procedure shown below.



TEMPERATURE SETTING

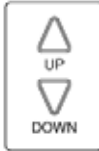
Press TEMPERATURE SETTING button and program the setting temperature.



Each time this button is pressed, setting temperature rises 1°F.

Each time this button is pressed, setting temperature lowers 1°F.

In case of automatic operation



Each time this button is pressed, setting temperature shifts to "H" side.

Each time this button is pressed, setting temperature shifts to "L" side.

[°F]

	H	•	M	•	L
Setting temperature	77	73	71.5	70	66

- The setting is impossible for fan operation.

NOTE

- The setting temperature range of the remote controller is 60 to 90°F.



FAN SPEED CONTROL

Press FAN SPEED CONTROL button.

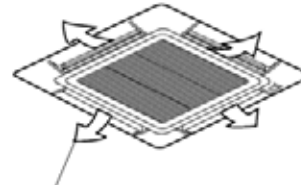
High or Low fan speed can be selected. The micro computer may sometimes control the fan speed in order to protect the unit.



AIR FLOW DIRECTION ADJUST

UP AND DOWN DIRECTION

- The movable limit of the flap is changeable. Contact your Daikin dealer for details.



Up and down adjustment

Press the AIR FLOW DIRECTION ADJUST button to select the air direction as shown below.



DISPLAY appears and the air flow direction continuously varies. (Automatic swing setting)



Press AIR FLOW DIRECTION ADJUST button to select the air direction of your choice.



DISPLAY vanishes and the air flow direction is fixed (Fixed air flow direction setting).

MOVEMENT OF THE AIR FLOW FLAP

For the following conditions, micro computer controls the air flow direction so it may be different from the display.

Operation mode	Heating
Operation conditions	<ul style="list-style-type: none"> • When starting operation • When room temperature is higher than the set temperature • At defrost operation (The flaps blow horizontally to avoid blowing cold air directly on the occupants of the room.)

NOTE

- If you try cooling or programmed drying, while the flaps are facing downward, air flow direction may change unexpectedly. There is nothing wrong with the equipment. This serves to prevent dew formed on parts in the air discharge outlet from dripping.
- Operation mode includes automatic operation.

PROGRAM TIMER OPERATION

Operate in the following order.

- The timer is operated in the following two ways.
Programming the stop time (⊕ · ○)
.... The system stops operating after the set time has elapsed.
Programming the start time (⊕ · |)
.... The system starts operating after the set time has elapsed.
- The timer can be programmed a maximum of 72 hours.
- The start and the stop time can be simultaneously programmed.

1  **TIMER MODE START/STOP**

Press the TIMER MODE START/STOP button several times and select the mode on the display.



The display flashes.

For setting the timer stop "⊕ · ○"

For setting the timer start "⊕ · |"

2  **PROGRAMMING TIME**

Press the PROGRAMMING TIME button and set the time for stopping or starting the system.

- | | |
|---|--|
| 
UP | When this button is pressed, the time advances by 1 hour. |
| 
DOWN | When this button is pressed, the time goes backward by 1 hour. |

3  **TIMER RESERVE**

Press the TIMER RESERVE button.

The timer setting procedure ends.

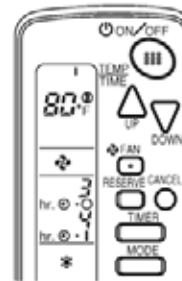
The display is changed from flashing light to a constant light.

4  **TIMER CANCEL**

Press the TIMER OFF button to cancel programming.

The display vanishes.

For example.



When the timer is programmed to stop the system after 3 hours and start the system after 4 hours, the system will stop after 3 hours and then 1 hour later the system will start.

NOTE

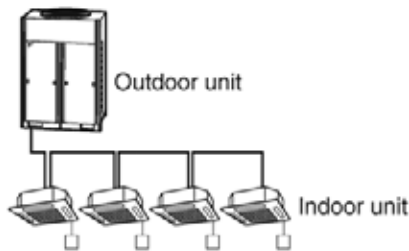
- After the timer is programmed, the display shows the remaining time.

HOW TO SET MASTER REMOTE CONTROLLER (For VRV system)

- When the system is installed as shown below, it is necessary to designate the master remote controller.

■ For Heat pump system

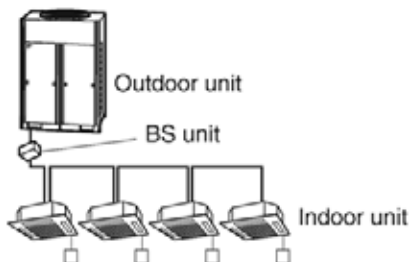
When one outdoor unit is connected with several indoor units.



One of these remote controllers needs to be designated as the master remote controller.

■ For Heat recovery system

When one BS unit is connected with several indoor units.



One of these remote controllers needs to be designated as the master remote controller.

- Only the master remote controller can select HEATING, COOLING or AUTOMATIC (only Heat recovery system) OPERATION.

When the indoor unit with master remote controller is set to "COOL", you can switch over operation mode between "FAN", "DRY" and "COOL".

When the indoor unit with master remote controller is set to "HEAT", you can switch over operation mode between "FAN" and "HEAT".

When the indoor unit with master remote controller is set to "FAN", you cannot switch operation mode.

When attempting settings that consented above, a "peep" is emitted as a warning.

Only with Heat recovery system, you can set the indoor unit to AUTOMATIC. Attempting to do so, a "peep" will be emitted as a warning.

How to designate the master remote controller
Operate in the following order.



Continuously press the OPERATION MODE SELECTOR button for 4 seconds.

The displays showing "⊕" of all slave indoor units connected to the same outdoor unit or BS unit flash.



Press the OPERATION MODE SELECTOR button to the indoor unit that you wish to designate as the master remote controller. Then designation is completed. This indoor unit is designated as the master remote controller and the display showing "⊕" vanishes.

- To change settings, repeat steps ① and ②.

EMERGENCY OPERATION

When the remote controller does not work due to battery failure or the absence thereof, use this switch which is located beside the discharge grille on the main unit. When the remote controller does not work, but the battery low indicator on it is not lit, contact your dealer.

[START]

- 1** To press the emergency operation switch.

The system runs in the previous mode.
The system operates with the previously set air flow direction.

**[STOP]**

- 2** Press the EMERGENCY OPERATION switch again.

PRECAUTIONS FOR GROUP CONTROL SYSTEM OR TWO REMOTE CONTROLLER CONTROL SYSTEM

This system provides two other control systems beside individual control (one remote controller controls one indoor unit) system. Confirm the following if your unit is of the following control system type.

■ Group control system

One remote controller controls up to 16 indoor units.

All indoor units are equally set.

■ Two remote controller control system

Two remote controllers control one indoor unit. (In case of group control system, one group of indoor units)

The unit follows individual operation.

NOTE

- Cannot have two remote controller control system with only wireless remote controllers. (It will be a two remote controller control system having one wired and one wireless remote controllers.)
- Under two remote controller control system, wireless remote controller cannot control timer operation.

- Only the operating indicator lamp out of 3 other lamps on the indoor unit display functions.

NOTE

- Contact your Daikin dealer in case of changing the combination or setting of group control and two remote controller control systems.

6. NOT MALFUNCTION OF THE AIR CONDITIONER

The following symptoms do not indicate air conditioner malfunction

I. THE SYSTEM DOES NOT OPERATE


- **The system does not restart immediately after the ON/OFF button is pressed.**
If the OPERATION lamp lights, the system is in normal condition. It does not restart immediately because a safety device operates to prevent overload of the system. After 3 minutes, the system will turn on again automatically.
- **The system does not restart immediately when TEMPERATURE SETTING button is returned to the former position after pushing the button.**
It does not restart immediately because a safety device operates to prevent overload of the system. After 3 minutes, the system will turn on again automatically.
- **If the reception beep is rapidly repeated 3 times (It sounds only twice when operating normally.)**
Control is set to the optional controller for centralized control.
- **If the defrost lamp on the indoor unit's display is lit when heating is started.**
This indication is to warn against cold air being blown from the unit. There is nothing wrong with the equipment.


7. HOW TO DIAGNOSE TROUBLE SPOTS

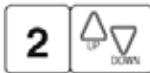
I. EMERGENCY STOP

When the air conditioner stops in emergency, the operating indicator lamp on the indoor unit starts blinking. Take the following steps yourself to read the malfunction code that appears on the display. Contact your dealer with this code. It will help pinpoint the cause of the trouble, speeding up the repair.



Press the **INSPECTION/TEST** button to select the inspection mode “”.

“” appears on display and blinks. “UNIT” lights up.



Press **PROGRAMMING TIMER** button and change the unit number.

Press to change the unit number until the indoor unit beeps and perform the following operation according to the number of beeps.

Number of beeps


3 short beeps..... Perform all steps from **3** to **6**.

1 short beep Perform **3** and **6** steps.

1 long beep..... Normal state



Press **OPERATION MODE SELECTOR** button

“” on the left-hand of the malfunction code blinks.




Press **PROGRAMMING TIMER** button and change the malfunction code.

Press until the indoor unit beeps twice.



Press **OPERATION MODE SELECTOR** button

“” on the right-hand of the malfunction code blinks.



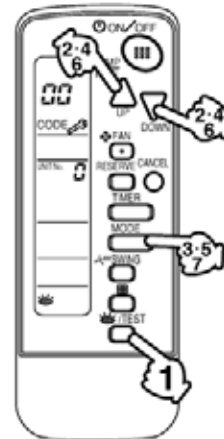
Press **PROGRAMMING TIMER** button and change the malfunction code.

Press until the indoor unit makes a long beep. The malfunction code is fixed when the indoor unit makes a long beep.



Reset of the display

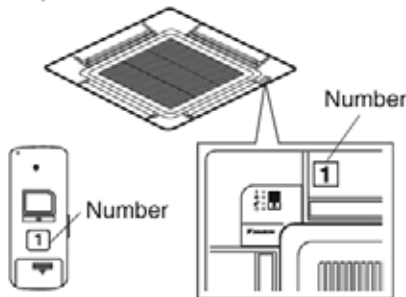
Press **OPERATION MODE SELECTOR** button to get the display back to the normal state.



II. IN CASE BESIDES EMERGENCY STOP

1. The unit does not operate at all.

- Check if the receiver is exposed of sunlight or strong light. Keep receiver away from light.
- Check if there are batteries in the remote controller. Place the batteries.
- Check if the indoor unit number and wireless remote controller number are equal.



Operate the indoor unit with the remote controller of the same number.

Signal transmitted from a remote controller of a different number cannot be accepted. (If the number is not mentioned, it is considered as "1".)

2. The system operates but it does not sufficiently cool or heat.

- If the set temperature is not proper.
- If the FAN SPEED is set to LOW SPEED.
- If the air flow angle is not proper.

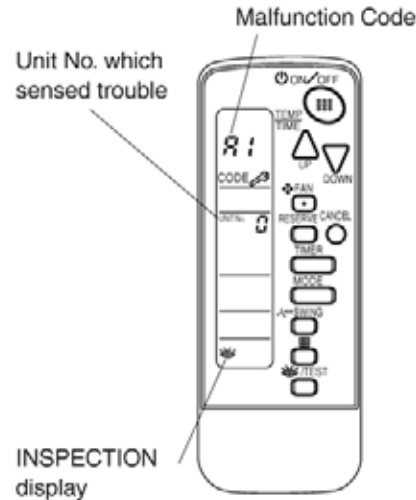
Contact your dealer in the following case.

— ⚠ WARNING —

When you detect a burning odor, shut OFF power immediately and contact your dealer. Using the equipment in anything but proper working condition can result in equipment damage, electric shock and/or fire.

[Trouble]

The operating indicator lamp of the indoor unit is flashing and the unit does not work at all.



[Remedial action]

Check the malfunction code (A1 - UF) on the remote controller.

Notify and inform the model name and what the malfunction code indicates to your Daikin dealer.

Part 4

Options

1. Option List	554
1.1 Indoor Unit	554
1.2 Outdoor Unit	555
2. Control Devices	556
2.1 <BRC944B2> Wired Remote Controller	556
2.2 <KRC72A> Centralized Control Board-Up to 5 Rooms	570
2.3 <KRP413AB1S> Wiring Adaptor for Timer Clock / Remote Controller	572
2.4 <KRP928BB2S> Interface Adaptor for DIII-NET (Residential Air Conditioner)	576
2.5 <DTA112BA51> Interface Adaptor for DIII-NET (SkyAir)	579
2.6 <KRP1C75> Adaptor for Wiring	580
2.7 <KRP4A74> Wiring Adaptor for Electrical Appendices	581
2.8 <KRP1BA101> Installation Box for Adaptor PCB	582
2.9 <KRCS01-1A> Remote Sensor	584
3. Options for Indoor Unit	587
3.1 <KDT25N32, KDT25N50> Insulation Kit for High Humidity	587
3.2 <KDBH44BA60> Sealing Member of Air Discharge Outlet	588
3.3 <KDBQ44BA60A> Panel Spacer	591
3.4 <KDDQ44XA60> Fresh Air Intake Kit	593
4. Options for Outdoor Unit	595
4.1 <KPW063A4> Air Direction Adjustment Grille	595

1. Option List

1.1 Indoor Unit

CTXS, FTXS Series

	Option Name	09/12 Class	07/15/18/24 Class
1	Wired remote controller ★1	BRC944B2	
2	Wired remote controller cord (shielded wire)	Length 9.8 ft (3 m)	BRCW901A03
		Length 26.3 ft (8 m)	BRCW901A08
3	Centralized control board-up to 5 rooms ★2	KRC72A	
4	Wiring adaptor for timer clock / remote controller ★3 (normal open pulse contact / normal open contact)	KRP413AB1S	
5	Central remote controller ★4	DCS302C71	
6	Unified ON/OFF controller ★4	DCS301C71	
7	Schedule timer controller ★4	DST301BA61	
8	Interface adaptor for DIII-NET (residential air conditioner)	KRP928BB2S	
9	Air-purifying filter with photocatalytic deodorizing function (without frame)	KAF952A42 ★5	—
10	Titanium apatite photocatalytic air-purifying filter (without frame)	—	KAF970A46 ★5
11	Remote controller loss prevention with chain	KKF910A4	

- Notes:**
- ★1 A wired remote controller cord BRCW901A03 or BRCW901A08 is necessary.
 - ★2 A wiring adaptor (KRP413AB1S) is also required for each indoor unit.
 - ★3 Timer clock and other devices ; obtained locally.
 - ★4 An interface adaptor (KRP928BB2S) is also required for each indoor unit.
 - ★5 Standard accessory

CDXS, FDXS Series

	Option Name	09/12 Class	15/18/24 Class
1	Wired remote controller ★1	BRC944B2	
2	Wired remote controller cord (shielded wire)	Length 9.8 ft (3 m)	BRCW901A03
		Length 26.3 ft (8 m)	BRCW901A08
3	Centralized control board-up to 5 rooms ★2	KRC72A	
4	Wiring adaptor for timer clock / remote controller ★3 (normal open pulse contact / normal open contact)	KRP413AB1S	
5	Central remote controller ★4	DCS302C71	
6	Unified ON/OFF controller ★4	DCS301C71	
7	Schedule timer controller ★4	DST301BA61	
8	Interface adaptor for DIII-NET (residential air conditioner)	KRP928BB2S	
9	Insulation kit for high humidity	KDT25N32	KDT25N50
10	Remote controller loss prevention with chain	KKF910A4	

- Notes:**
- ★1 A wired remote controller cord BRCW901A03 or BRCW901A08 is necessary.
 - ★2 A wiring adaptor (KRP413AB1S) is also required for each indoor unit.
 - ★3 Timer clock and other devices ; obtained locally.
 - ★4 An interface adaptor (KRP928BB2S) is also required for each indoor unit.

FVXS Series

	Option Name	Model Name
1	Centralized control board-up to 5 rooms ★1	KRC72A
2	Wiring adaptor for timer clock / remote controller ★2 (normal open pulse contact / normal open contact)	KRP413AB1S
3	Central remote controller ★3	DCS302C71
4	Unified ON/OFF controller ★3	DCS301C71
5	Schedule timer controller ★3	DST301BA61
6	Interface adaptor for DIII-NET (residential air conditioner)	KRP928BB2S
7	Titanium apatite photocatalytic air-purifying filter (without frame)	KAF968A42 or KAF968B42
8	Remote controller loss prevention with chain	KKF910A4

- Notes:** ★1 A wiring adaptor (KRP413AB1S) is also required for each indoor unit.
 ★2 Timer clock and other devices ; obtained locally.
 ★3 An interface adaptor (KRP928BB2S) is also required for each indoor unit.

4

FFQ Series

	Option Name	Model Name
1	Decoration panel (required)	BYFQ60B3W1
2	Remote controller (required)	Wired type ★1
		Wireless type
3	Sealing member of air discharge outlet	KDBH44BA60
4	Panel spacer	KDBQ44BA60A
5	Fresh air intake kit (direct installation type)	KDDQ44XA60
6	Longlife filter	KAFQ441BA60
7	Central remote controller ★2	DCS302C71
8	Unified ON/OFF controller ★2	DCS301C71
9	Schedule timer controller ★2	DST301BA61
10	Interface adaptor for DIII-NET (SkyAir)	DTA112BA51
11	Adaptor for wiring ★3	KRP1C75
12	Wiring adaptor for electrical appendices ★3	KRP4A74
13	Installation box for adaptor PCB	KRP1BA101
14	Remote sensor	KRCS01-1A

- Notes:** ★1 Wiring for wired remote controller should be obtained locally.
 ★2 An interface adaptor (DTA112BA51) is also required for each indoor unit.
 ★3 Installation box for adaptor PCB (KRP1BA101) is necessary.

1.2 Outdoor Unit

	Option Name	Model Name
1	Air direction adjustment grille	KPW063A4
2	Back protection wire net	KKG063A42
3	Side protection wire net	KKG063A43
4	Drain plug	KKP937A4

2. Control Devices

2.1 <BRC944B2> Wired Remote Controller

2.1.1 Installation Manual

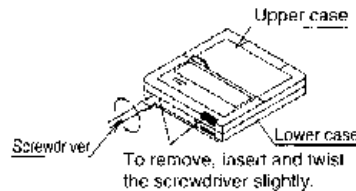
⚠ CAUTION

1. No switch box or staple is supplied. Prepare them locally.
2. No remote controller cord is supplied. Prepare the optional remote controller cord 4 wire.
3. Be sure to turn off the power to any apparatus connected prior to mounting.
4. Prior to mounting equipment, touch something metallic such as a doorknob to remove static electricity from your body. Never touch the remote controller board or the adapter board.
5. Keep the wiring away from any other power source lines to avoid electric noise (external noise).
6. Select a flat surface, wherever possible, to mount the remote controller. To prevent deformation of the cases, do not overtighten the mounting screws.

1. Securing the remote controller lower case

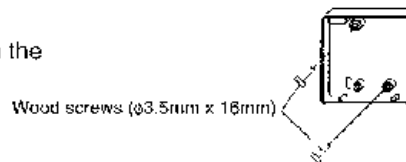
Insert a bladed screwdriver into the concave (凹) in the remote controller lower case to remove the upper case assembly (two locations).

The remote controller board is located on the upper case. Take care not to scratch the board with the screwdriver.



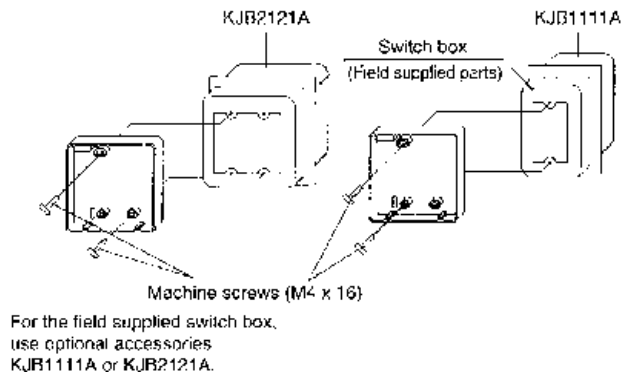
(1) Exposed mounting

Secure the remote controller lower case with the two supplied wood screws.



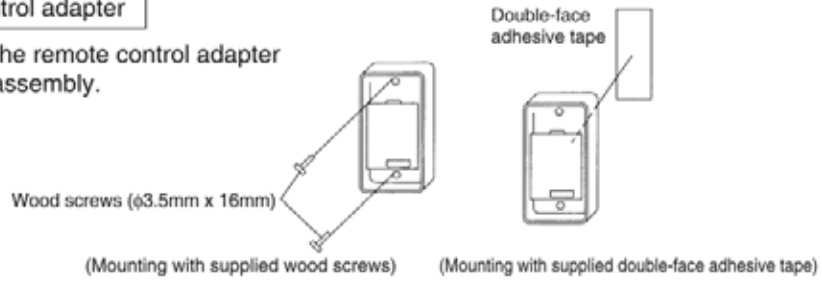
(2) Embedded mounting

Secure the remote controller lower case with the two supplied machine screws.

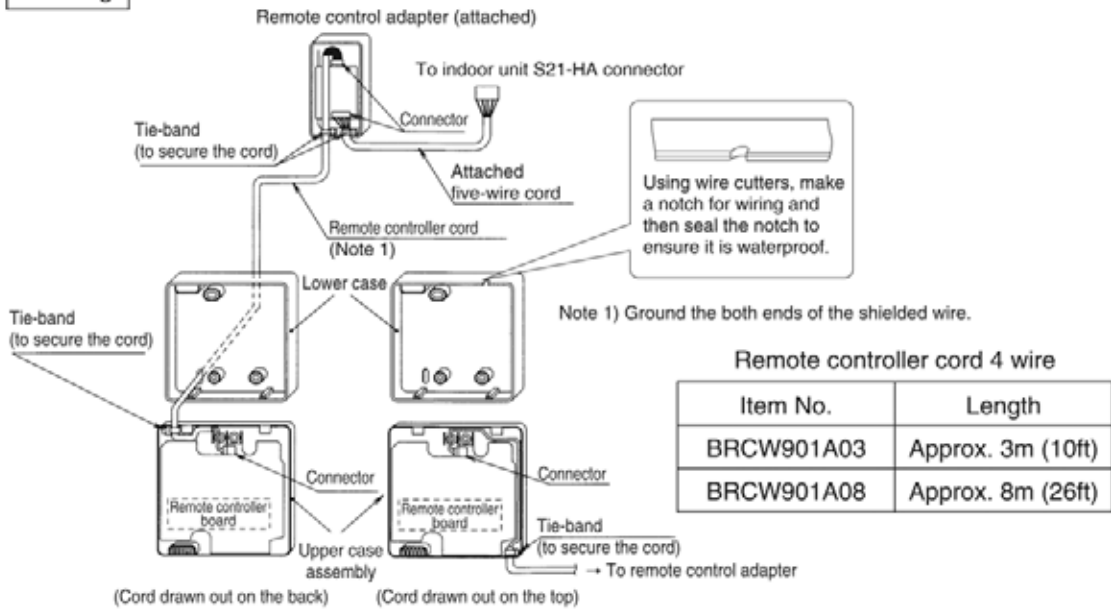


2. Securing the remote control adapter

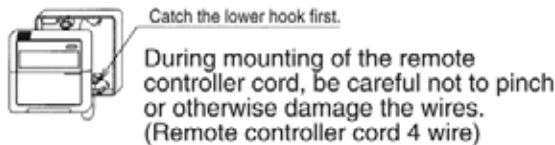
Remove the upper case of the remote control adapter and secure the lower case assembly.



3. Wiring

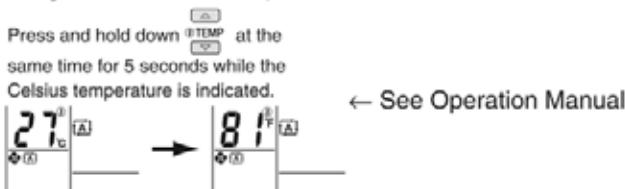


4. Placing the upper case assembly of the remote controller and the upper case of the remote controller adapter back into their original positions



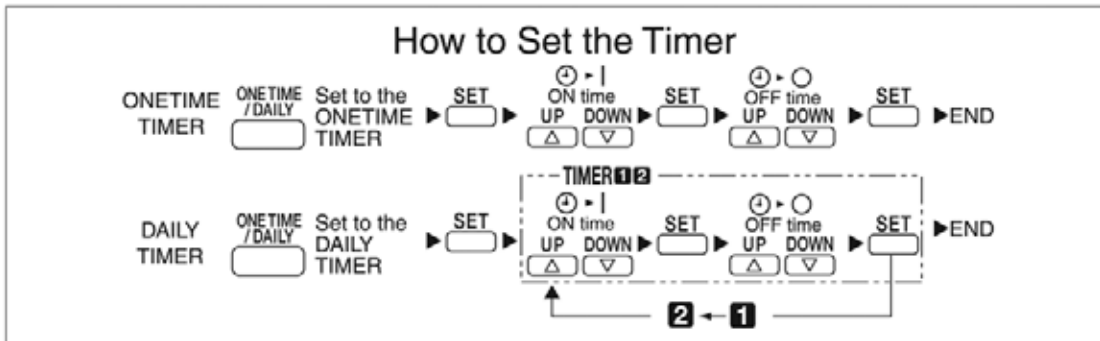
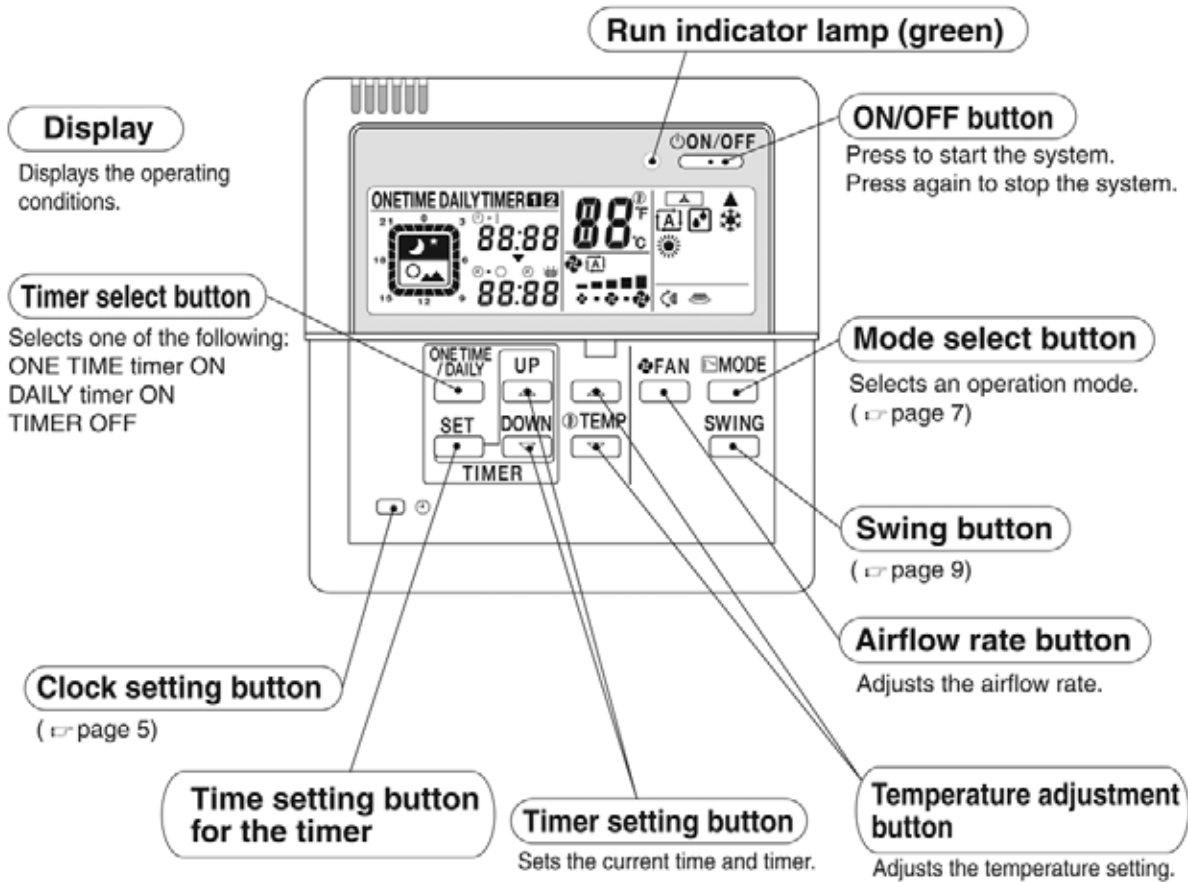
5. Temperature indication change

To change from Celsius temperature indication to Fahrenheit one



2.1.2 Operation Manual

Controller Commands and their Corresponding Functions



CAUTION

• This remote controller cannot be used together with a standard wireless remote controller. Otherwise, what appears on this remote controller's display may fail to correspond to actual operating conditions.

Preparation before Operation

■ Checking the power

If nothing appears on the remote controller's display, turn on the circuit breaker.

■ Setting the current time

1 Press .



The current time starts blinking.
0:00 lights up.

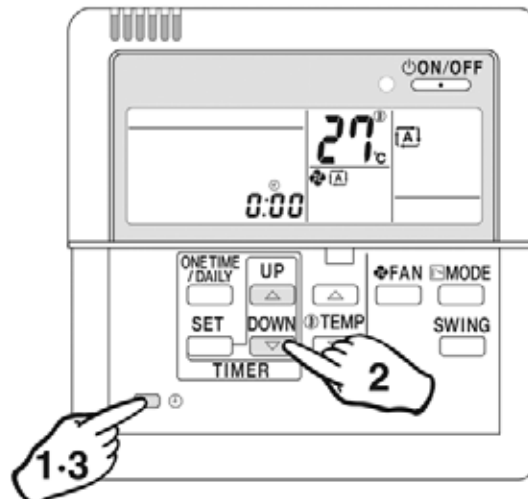
2 Press and and set the current time.



3 Press .



: blinks.
(This completes the current time setting)
● The clock's accuracy is ±30 seconds per month.



Notes

To use the unit efficiently

- Avoid overcooling or overheating. Moderate room temperature setting contributes to power saving.

Recommended temperature setting

For cooling 26~28°C (79°F~82°F)

For heating 20~22°C (68°F~72°F)
- Hang a blind or a curtain on the window. This will enhance the cooling/heating effect by intercepting direct sunlight and drafts.
- A clogged air filter reduces the cooling/heating effect and wastes energy. Clean the air filter monthly (every two weeks as required) or so.

Please take note of the following points

- Electric power is consumed even when the air conditioner is not in operation.
- When the unit is not used for a long period of time such as during off-season, turn off the breaker.

Operating conditions

- If the operation is continued under any conditions other than the following, the safety device may work to stop the operation. Also, dew may form on the indoor unit and drip from it. (Cooling/DRY)

Cooling	Outdoor temp.	-10 to 46°C (14°F to 115°F)
	Room temp.	18 to 32°C (64°F to 90°F)
	Indoor humidity	Less than 80%
DRY	Outdoor temp.	-10 to 46°C (14°F to 115°F)
	Room temp.	18 to 32°C (64°F to 90°F)
	Indoor humidity	Less than 80%
Heating	Outdoor temp.	-15 to 20°C (5°F to 68°F)
	Room temp.	Less than 27°C


- Operation limit differ according to the model.

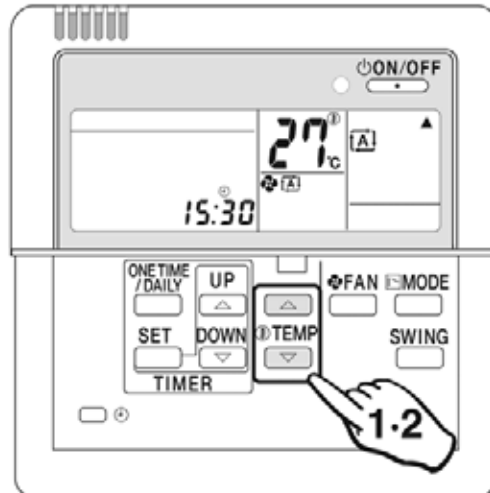
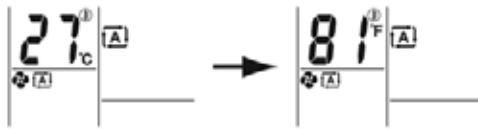
Preparation before Operation

■ Setting Temperature Indication change


Temperature indication can be changed between Celsius and Fahrenheit before use.

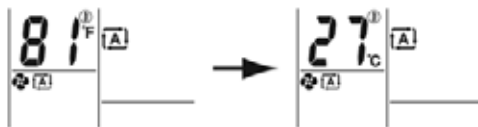
To change from Celsius temperature indication to Fahrenheit one

- 1 Press and hold down  at the same time for 5 seconds while the Celsius temperature is indicated.



To change from Fahrenheit temperature indication to Celsius one

- 2 Press and hold down  at the same time for 5 seconds while the Fahrenheit temperature is indicated.



Notes

■ Temperature indication change between Celsius and Fahrenheit on the remote controller

- Change the temperature indication in the modes other than the DRY mode.
In the DRY mode, temperature indication setting cannot be changed because the temperature is not indicated.
- When the Fahrenheit temperature indication is changed to Celsius one, the temperature value (0.5°C) will be rounded up. Thus, the preset temperature may be changed.

Example:


A preset temperature of 65°F (equivalent to 18.5°C) will be changed to 19°C (66°F) by changing the temperature indication. In this case, if you change the Celsius temperature indication again to the Fahrenheit one, the preset temperature is shown not as 65°F but as 66°F (equivalent to 19°C). If the preset temperature is 66°F (equivalent to 19°C) and is changed to the Celsius temperature indication, the indication becomes 19°C (66°F). In this case, no change by the temperature indication change is observed.

- When the temperature indication change is set, the preset temperature is transmitted to the indoor unit so that the reception sound will be heard from the indoor unit.

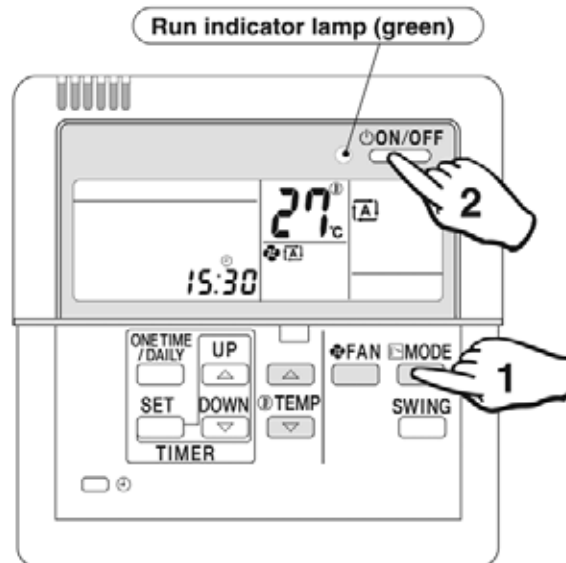
Automatic·DRY·Cooling·Heating Operation

Select your desired operation mode.

Once preset, the system can get restarted in the same operation mode.


- 1** Press  to select your desired operation mode.
- Each time the button is pressed, the mode changes as follows.
- Heat pump model

Cooling only model
- The system does not have the FAN mode.



- 2** Press  .
- The run indicator lamp lights up.

■ To stop the operation:

Press  again.

The run indicator lamp goes out.

Automatic operation

- In Automatic, the temperature setting and operation mode (DRY, Cooling or Heating) are automatically selected according to the room temperature and outdoor temperature at the time of starting operation.

DRY operation







- In this mode, humidity is removed from the air.



Note

- While running in the DRY mode, you may feel cool or warm air from the air outlet. In this case, readjust the airflow direction with the vertical airflow direction louvers. (except Duct Connected type)

■ To adjust the temperature and airflow rate:

Setting to be adjusted / Operation mode	Automatic	Cooling	Heating	DRY
 (Temperature)	Temperature is adjustable. Recommended temperature Cooling : 26°C-28°C (79°F~82°F) Heating : 20°C-22°C (68°F~72°F)			Temperature cannot be adjusted.
 (Airflow rate)	Five levels of airflow rate setting from "  " to "  " plus "  " are available. 			Airflow rate cannot be adjusted.

- When the unit runs in the cooling or heating mode at a low airflow rate, the cooling or heating effect may be insufficient.

■ To adjust the airflow direction:

( page 9)


Heating operation

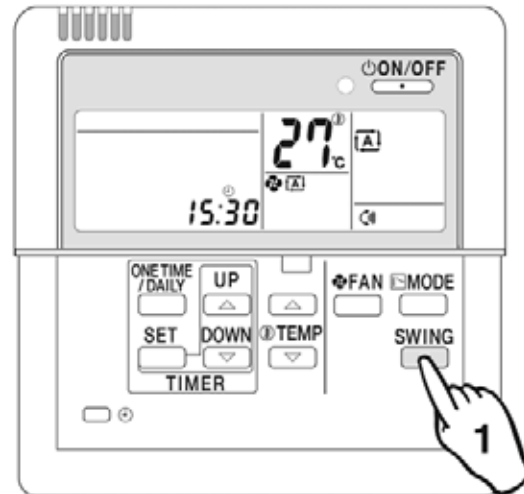
- Since the heating operation is performed by taking the heat from outdoor into the room, the heating capacity decreases as the outdoor temperature lowers. If the room is not heated sufficiently, it is recommended to use other heating appliance at the same time.
- Since the air conditioner heats the whole room by circulating hot air, it takes some time to heat the entire room completely.
- If the outdoor unit gets frosted during heating operation, the heating capacity is decreased. In this case, the unit starts defrosting operation.
- No hot air comes out of the indoor unit during defrosting operation.

Adjusting Airflow Direction

Adjust the airflow direction for maximum comfort.

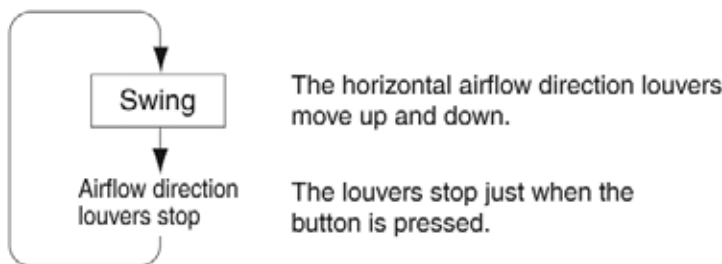
To adjust the Airflow Direction

- 1 Press  during operation.
 - Each time the button is pressed, the airflow direction louvers change their movement.



4

■ Wall Mounted Types (without horizontal swing function)



Adjustment of horizontal airflow direction

- The automatic moving range of the horizontal airflow direction louvers varies depending on the operation mode.

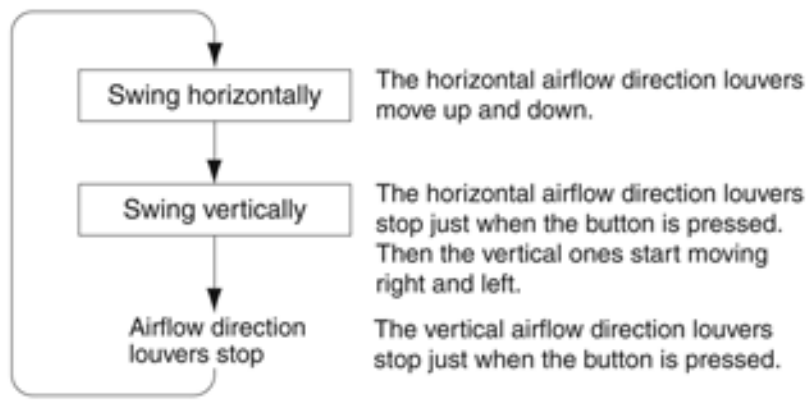


Notes

- In fixing the horizontal airflow direction, keep the horizontal airflow direction louvers tilted downward in the heating mode, and keep them nearly horizontal level in the cooling or DRY mode. This will enhance the cooling and heating effect.
- On the air conditioners with vertical and horizontal swing function, be sure to adjust the airflow directions using the remote controller. Do not forcibly adjust louvers by hand or a malfunction may occur.

9

■ Wall Mounted Type (with horizontal swing function)



- The vertical and horizontal louvers cannot move at the same time.

■ Duct Connected Type (without swing function)

This function cannot be used.



Note


- The operating procedure and remote controller display are different depending on the indoor unit being connected. Read **How to Adjust the Airflow Direction** in the air conditioner's Operation Manual.

Timer Operation

The Timer Operation feature automatically turns off operation when you go to sleep and turns it back on when you wake up.

Use the DAILY Timer mode on weekdays, and the ONE TIME timer mode on weekends.

■ To select the ONE TIME timer mode:


1 Press  to select the ONE TIME timer mode.

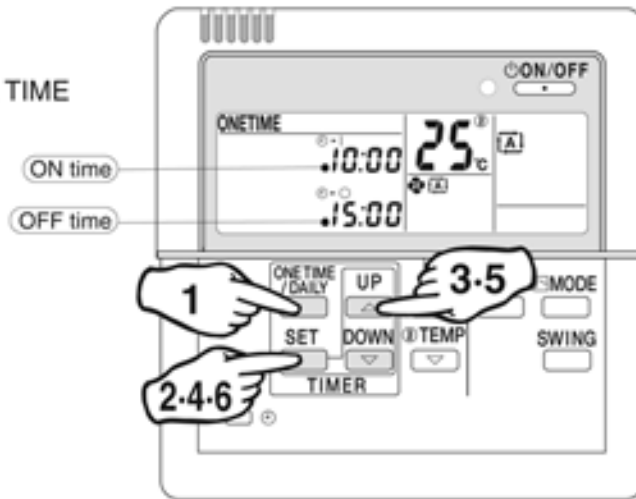
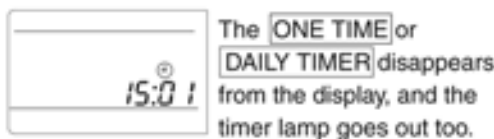
- Each time the button is pressed, the modes change as follows.



The timer lamp lights up.

■ To cancel the timer settings:

1 Press  to clear the timer settings.




(Timer settings displayed)



Notes

- Even when the timer has been off, its programmed settings are still in memory.
- If the system has the timer control ON but you start and stop it manually using the ON/OFF button before the designated ON time, the system will restart again at the programmed ON time.

Precautions in setting the timer


- Before starting the timer operation, make sure the current time is correct. If not, set the clock correctly. (→ page 5)
- In making time settings, --:-- is displayed to make it easy to disable the timer too.
- If one minute has passed before making any timer setting, the previous timer settings are reintroduced and the timer is on standby. In this case, use the  (time setting) button and make your desired timer settings.


Timer operation


- When the ON timer is programmed, the system starts one hour (maximum) earlier so that the temperature set by the remote controller is reached just in time.
- When the ONE TIME timer is programmed, the current time is no longer displayed.


■ ONE TIME timer


Once the timer has been activated and then deactivated, it is in the OFF mode. The ON or OFF timers can be programmed.


1 Press  to select the ONE TIME timer.

2 Press .

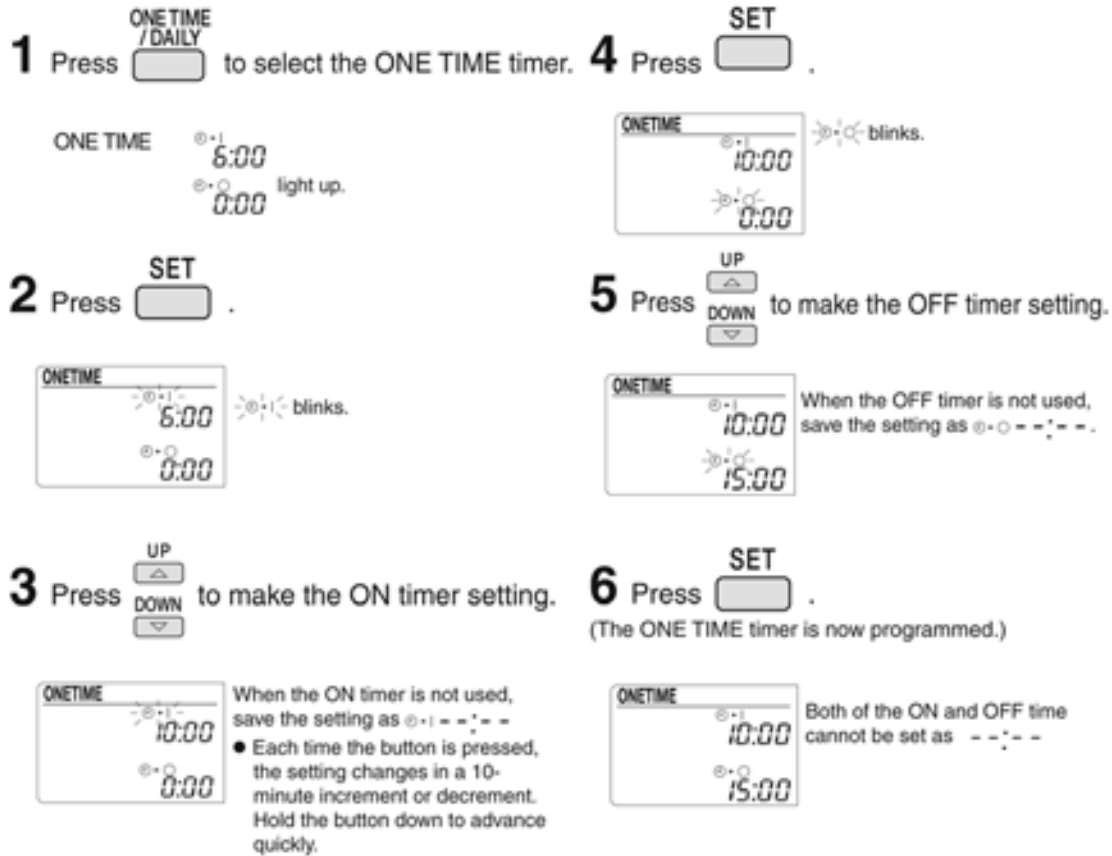
3 Press  to make the ON timer setting.

4 Press .

5 Press  to make the OFF timer setting.

6 Press .


(The ONE TIME timer is now programmed.)



When the ON timer is not used, save the setting as 0:00. Each time the button is pressed, the setting changes in a 10-minute increment or decrement. Hold the button down to advance quickly.

When the OFF timer is not used, save the setting as 0:00. Both of the ON and OFF time cannot be set as 0:00.

Example of display with the ONE TIME timer programmed



Notes

- In the following cases, reset the clock (the time setting is kept in the memory).
 - The circuit breaker has been activated.
 - The power fails.

12

Timer Operation

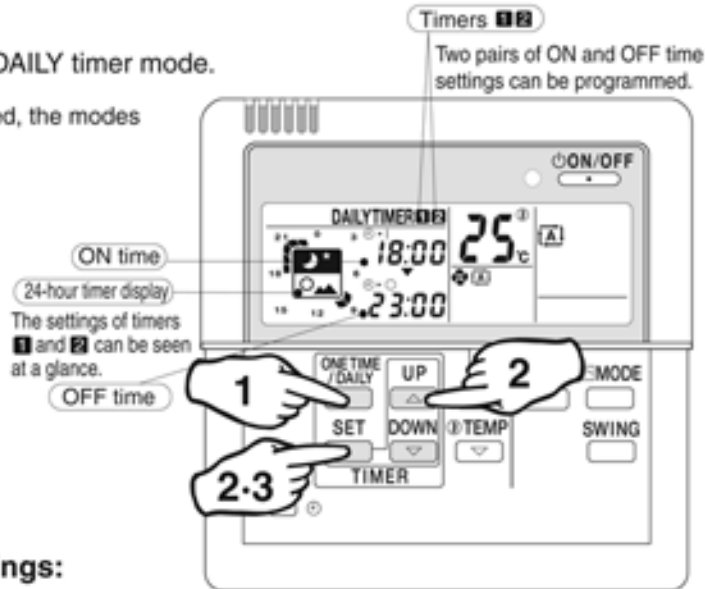
■ To select the DAILY timer mode:

1 Press to select the DAILY timer mode.

- Each time the button is pressed, the modes change as follows.



The timer lamp lights up.



(Timer settings displayed)

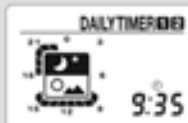
■ To cancel the timer settings:

1 Press to clear the timer settings.

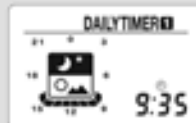


The **ONE TIME** or **DAILY TIMER**, and the timer lamp are no longer displayed.

Example of display with DAILY timer programmed



Timers **1** and **2** programmed.



Timer **1** alone programmed.





Note

- The system starts and stops repeatedly until the DAILY timer is set off. Before you leave home for a long time, set the DAILY timer off.




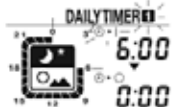

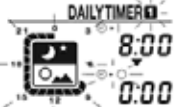





■ DAILY timer

After programming, the system starts and stops each day at the preset times. Two pairs of time settings can be programmed.

(Example: 8:00 ~ 10:00, and 18:00 ~ 23:00)

1 Press  to select the DAILY timer.  lights up. DAILY timer indication appears.

2 Make the ON and OFF time settings. • Take the steps from ① to ⑧.
Program example: 8:00 ~ 10:00, and 18:00 ~ 23:00

Settings		Procedure	Press 	Press  to make the timer setting. 	
Timer 1	ON time setting • When the timer 1 is not used, save the setting as 0:00	①		②	
	OFF time setting	③		④	
Timer 2	ON time setting • When the timer 2 is not used, save the setting as 0:00	⑤		⑥	
	OFF time setting	⑦		⑧	

3 Press  . The DAILY timer is now programmed.



Note

• If the following appears on the display, the timer must be reprogrammed.



The 24-hour timer display is blinking.

This means that Timers 1 and 2 are programmed for the same time settings. New time settings must be made.



The 24-hour timer display is blinking.

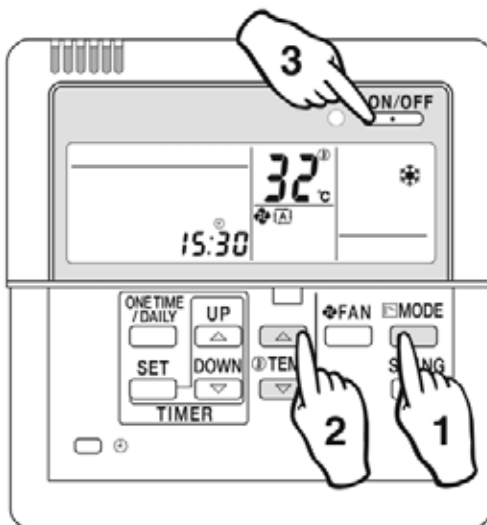
This means that the timer has not been programmed yet.

Cleaning

Cleaning the remote controller

- Wipe it clean with soft, dry cloth.
Do not use any water hotter than 40°C (104°F), or volatile liquids such as benzine, gasoline and thinner, polishing powder, or anything hard such as a scrub brush.

When the unit is not used for a long time

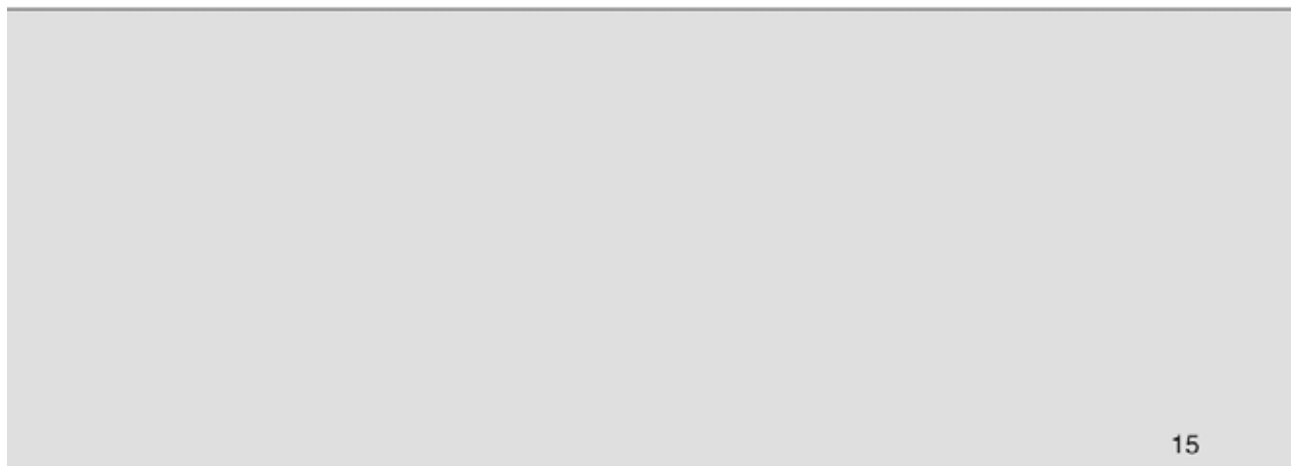


- ① On a sunny day, keep the system running for half a day in the FAN mode to dry it up inside.

FAN mode

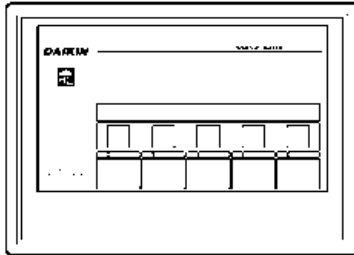
- 1 Press to select the cooling mode.
 - 2 Press to adjust the set temperature to 32°C (90°F).
 - 3 Press .
 - The airflow rate remains the same, and is not adjustable.
 - Run the system when the room temperature is below 28°C (82°F).
- ② Finally turn off the circuit breaker dedicated for the room air conditioner.
③ Clean the air filter and place it back into position.

4



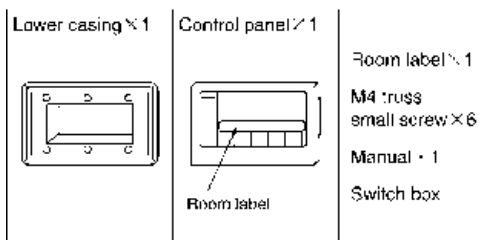
2.2 <KRC72A> Centralized Control Board-Up to 5 Rooms

1. Appearance and Functions

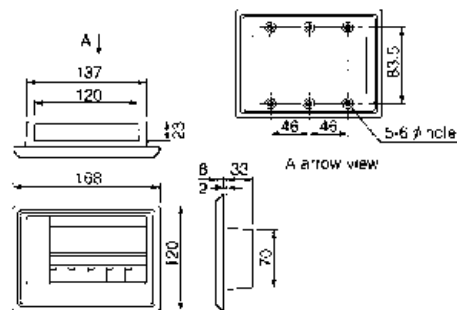


- Centralized control can apply to max. 5 Room Air conditioners handling from one location.
- Contribute to save energy by eliminating turn-off of amps.
- Possible to control the action of ON/OFF individually for each Room Air conditioner.
(Last command priority is adopted from either an indoor remote controller or a home controller.)
- It understands an operation situation with the operation display amp.

2. Accessories



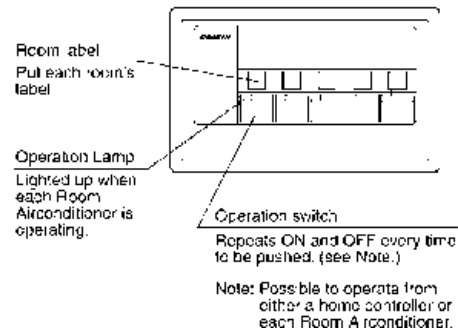
4. External Dimensions



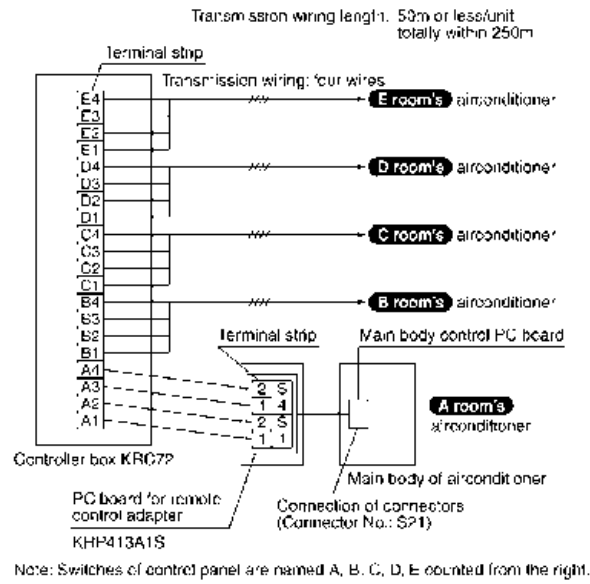
3. Indispensable Optional Accessories

- Central remote controller for 5 Room Air conditioners <KRC72>
- Remote control PC board <KRP413A1S>

5. Controller

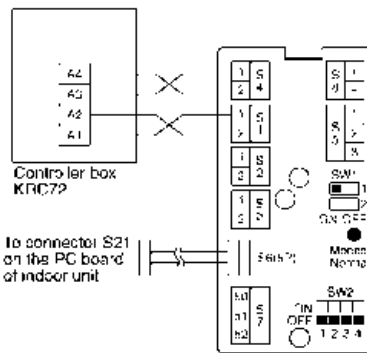


6. Wiring Example



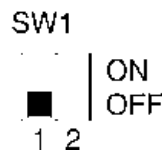
7. Key Points

- Connect to the terminal number 1 ~ 4 on the control panel as shown below.



8. Switch Setting of KRP413A1S

- Choose the action mode 1 by switching SW1-1 to OFF.



2.3 <KRP413AB1S> Wiring Adaptor for Timer Clock / Remote Controller

Safety Precautions

- Read these safety precautions carefully before installing the unit, and be sure to install the unit properly.
- This manual classifies precautions to the user into the following two categories. These warnings and cautions are for your safety. Follow them.

⚠ WARNING	Faulty installation can result in death or serious injury.
⚠ CAUTION	Faulty installation can result in serious injury, damage to property, or other serious consequences.

- After installation is complete, test the unit to confirm that it is working properly, and instruct the owner its proper use.

⚠ WARNING

- Installation should be left to the dealer from whom you purchased the unit, or another qualified professional.
- Install the unit securely according to the installation manual. Faulty installation may lead to electric shock or fire.
- Be sure to use the supplied or specified parts. Using other parts may lead to electric shock or fire.
- Install the unit securely in a location that will support its weight. If installed in a poor location or improperly installed, the unit may not work as intended.
- For electrical work, follow local electric standards and the installation manual. Faulty installation may lead to fire or electric shock.
- Do not bundle the power cord, or attempt to extend it by splicing it with another cord or by using an extension cord. Do not place any other load on the power circuit used for the unit. Improper wiring may lead to electric shock, heat generation or fire.
- Use dedicated wiring for all electrical connections, and be sure to arrange the wiring so that force applied to the wiring will not damage the terminals. Poor wiring or installation may cause electric shock, heat generation or fire.

⚠ CAUTION

- Before installation, unplug the air conditioner to ensure safety. Failure to do so may cause electric shock.
- Static electricity may damage electric components. Before connecting cables and communication lines, and operating the switches, be sure to discharge any electrical charge from your body (by, for example, touching the earth line).
- Do not install the unit in a location where it may be exposed to flammable gases. If gas leaks and build up around the unit, it may catch fire.
- Do not place the wiring close to the power cord, in-unit cable, or pipes which generate noise. Treat the wiring with care.

1. Functions and Features

- On/Off setting
- Switching between Instantaneous Contact/Normal Contact
- Connection with five-room central controller (KRC72 for oversea model)
- Connection with fan coil remote controller
- Automatic reset after power failure
- Output of normal operation signals/malfunction signals

2. Field Wiring

For interconnecting wiring, use Daikin KDC100A12 cable (not supplied) or other similar cable. Use a vinyl-covered wire or cable with four conductors each with a thickness of 0.2 to 1.25 mm².

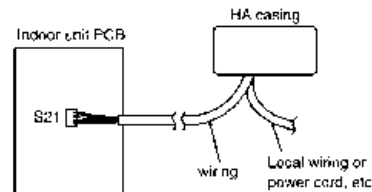
■ Optional cable KDC100A12 (without connectors)

Specifications:	0.2 mm ² × 4 core (sheathed)
Outer diameter:	φ5.3
Length:	100 m
Colour:	Grey

Note: Keep any wiring for the control unit away from the power cord to prevent electrical noise.

Installation ①

1 Installation diagram



2 Components

- ① HA casing ASSY
(Remote Controller PCB is attached to the HA casing.)
- ② Wiring (approx. 0.8 m)



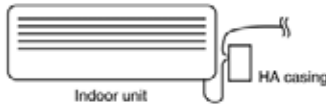
- ③ Accessories
Binding band (6 pcs.)
Screws for attaching to the wall (3 pcs.)

- ④ Installation manual

Installation ②

Attaching HA Case ASSY

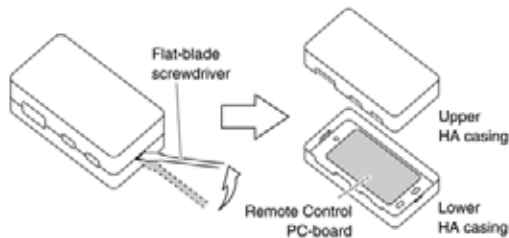
- Use the 3 supplied screws to attach the HA casing ASSY.



Install the HA casing ASSY as close to the indoor unit as possible.

① Removal of upper HA casing

- (1) Insert a flat-blade screwdriver into the groove between the upper and lower HA casings.



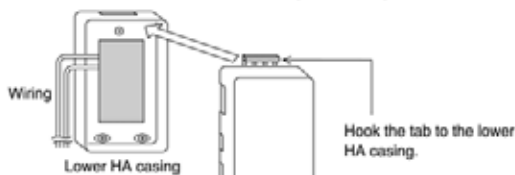
- (2) Lift the handle of the screwdriver upward.

- ② Mount and secure the lower HA casing directly on the wall with the provided screws inserted into the screw holes (a round hole and two ellipse holes) of the casing.

NOTE Mount the HA casing in a direction where the wiring through-holes will be hidden in order to prevent infants from putting their fingers into the HA casing and the LED light on the internal PC-board from leaking outside.



- ③ After connecting the cables (refer to the following sections), replace the case front. Be careful not to damage the wiring in the case.



Press the lower part of the upper HA casing and press fit it onto the lower HA casing.
Press the upper HA casing precisely until a clicking sound is heard.

Wiring ①

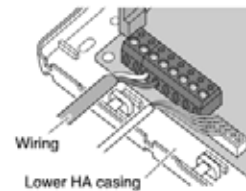
1. Wiring

- ① Connect one end of the wiring to connector S21 of the PCB in the indoor unit.
- ② Connect the other end of the wiring to connector S6 of the Remote Control PCB.
- ③ Connect field wiring according to the functions assigned to each connection terminal of the Remote Control PCB.
- ④ Secure all wires.

1 Securing wires in the HA casing ASSY

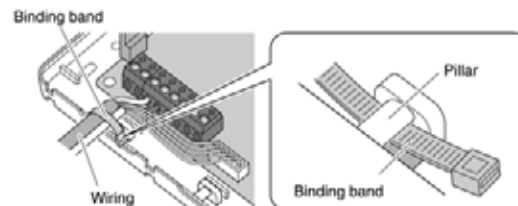
① Connection of wiring

Connect the wiring to the connector terminals.

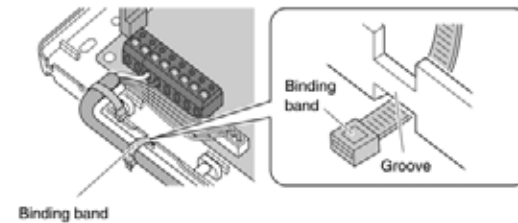


② Fixation of wiring

- (1) Insert the provided binding band under the pillar of the HA casing and secure the covers of the wiring with the binding band.



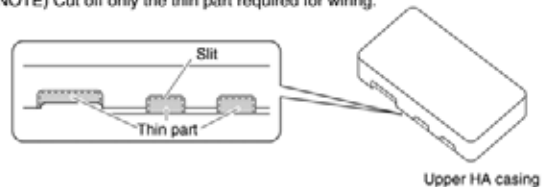
- (2) Insert the second binding band into the groove on the side of the HA casing and fix the wiring securely so that the wiring will not be disconnected.



A large number of wires

Make a slit with an appropriate tool, such as a cutter knife, on the thin part of the upper HA casing along the frame. Then cut the part with an appropriate tool, such as a pair of nippers.

(NOTE) Cut off only the thin part required for wiring.



2 Securing wires in the indoor unit

- The method for securing wire varies depending on the model of the air conditioner. See your air conditioner installation manual for details.

Wiring ②

2. Automatic Reset After Power Failure

- This PCB stores the following data in the event of a power failure (the storage period is limitless).
 - ① On/Off (see Note 1)
 - ② Operation modes (see Note 2)
 - ③ Temperature setting
 - ④ Air flow rate
 - ⑤ On/Off status of remote controller
 (Note 1 When SW1-2 is in Off mode, the unit will not be activated.)
 (Note 2 The following settings apply to the models below.)

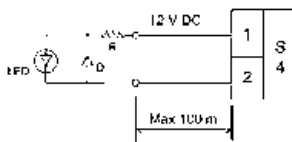
Mode before the power outage	COOLING	HEATING
Room air conditioner		
Models with Humid heating and Heating dehumidifying functions.		HUMID HEATING
Models with Preheating dehumidifying function.	DRY COOLING	HEATING

(Note 3 Not all settings will be saved (e.g., humidity or swing settings will not be saved).)

3. Monitor Signal Output (normal operation and malfunction)

- Maximum length of the wiring is 100 m. No external power supply is required.

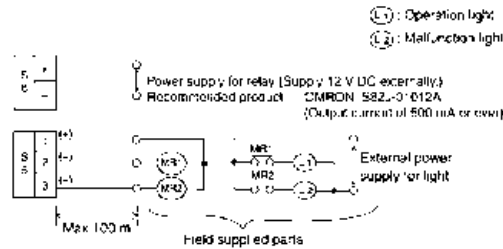
1 Monitor signal output for LED



■ Locally procured parts

Item	Manufacturer	Type
LED	RoHM	SLR-342
R	RoHM	1SS133
R		510 ohm 1/4W

2 Monitor signal output (normal operation and malfunction) using external relay contacts



■ Field produced parts (Recommended external relay contacts)

Manufacturer	Type	Coil rated voltage	Coil resistance
Omron	MY relay	12 V DC	160 ohm ± 10%
Panasonic	HC relay	12 V DC	160 ohm ± 10%

4. Connection with Remote Controller

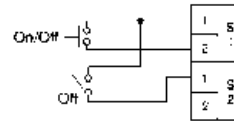
Example connections with three kinds of remote controllers are shown below. Note: These connections cannot be used in combination.

1 Remote control with switch (field supply)

- Set SW1-1 to Off and select Operation Mode 1.

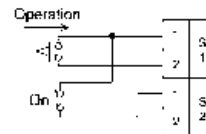


<Instantaneous Contact>



- The remote controller most recently used (local or air conditioner) takes precedence.
- Use a remote controller with a pulse width of 100 msec or more.

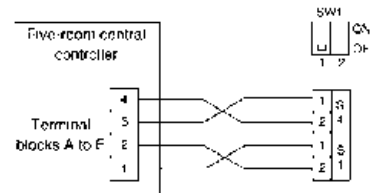
<Normal Contact>



- Power On/Off cannot be controlled from the unit's remote controller. (Three beeps for signal reception will be heard continuously when the wireless remote controller is operated.)
- When power is restored after a power failure in this mode, On or Off is determined according to the current settings of the remote controller.

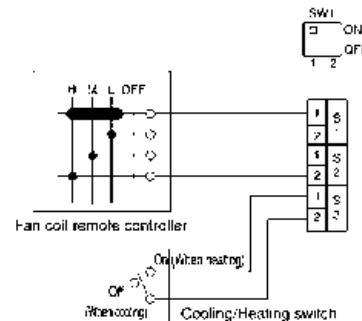
2 Five-room central controller (KRC72)

- Set SW1-1 to Off and select Operation Mode 1.
- The remote controller most recently used takes precedence.



3 Fan coil remote controller

- Set SW1-1 to On and select Operation Mode 2.
- Most settings (power On/Off, air flow rate, mode change) cannot be made using this air conditioner's remote controller.
- When power is restored after a power failure in this mode, On or Off is determined according to the current settings of the remote controller.
- When the Cooling/Heating mode is changed, use the air conditioner's remote controller to adjust the temperature.

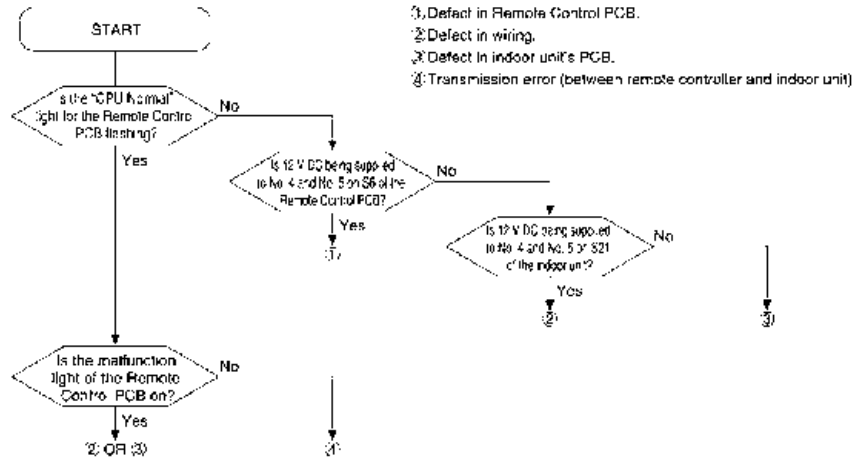


Test Operation and Confirmation

1. When the System is Not Working

- Is the air conditioner working properly?
- Are the connectors of the wiring properly connected?
- Are the remote controller and field wiring properly connected?
- Are all switch settings correct?
- If there is nothing apparently wrong, conduct a diagnostic check using the following procedure.

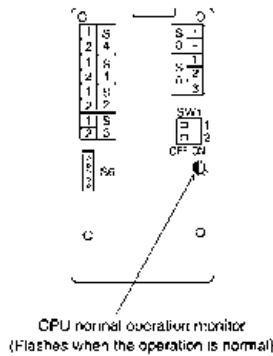
■ Diagnostic check



- 3) Defect in Remote Control PCB.
- 2) Defect in wiring.
- 1) Defect in indoor unit's PCB.
- 0) Transmission error (between remote controller and indoor unit)

4

2. Switch Settings and Connection Terminals



SW1-1	Selecting the operation mode	OFF	Operation mode 1 (Used with the exception of fan coil remote controller settings)	
		ON	Operation mode 2 (Used with fan coil remote controller settings)	
SW1-2	Selecting On/Off when power is restored after a power failure	OFF	Always Off	
		ON	Off if operation was in Off mode before power failure. On if operation was in On mode before power failure	
S1 S2 S3	SW1-1: OFF (Operation mode 1)	Instantaneous contact		Normal contact
		S1 (1) - S2 (1)	OPEN	CLOSE
		S1 (1) - S1 (2)	Pulse input On/Off switching	
		S2 (2), S3	Not used	
	SW1-1: ON (Operation mode 2)	S1 S2 OPEN	Not activated	
		S1 (1) - S1 (2) CLOSE	On, airflow: L tap	
		S1 (1) - S2 (1) CLOSE	On, airflow: M tap	
		S1 (1) - S2 (2) CLOSE	On, airflow: H tap	
		S3 (With the remote controller only)	OPEN	Cooling
			CLOSE	Heating
S4	(1) - (2)	Voltage on (12 V DC). Normal operation light output		
S5	(1) - (2)	Normal operation light output (power for light required)		
	(1) - (3)	Malfunction light output (power for light required)		
S6 connector		Connect with connector S21 on the PCB of the indoor unit		
S8	(+)-(-)	Relay 12 V DC power supply terminal (Field supplied parts)		

2.4 <KRP928BB2S> Interface Adaptor for DIII-NET (Residential Air Conditioner)

Safety Precautions

- Read these Safety Precautions carefully to ensure correct installation. This manual classifies precautions into WARNING and CAUTION.

WARNING : Failure to follow WARNING is very likely to result in such grave consequences as death or serious injury.

CAUTION : Failure to follow CAUTION may result in serious injury or property damage, and in certain circumstances, may result in a grave consequence.

Be sure to follow all the precautions below ; they are all important for ensuring safety.

WARNING

- Installation should be left to the dealer or another qualified professional. Improper installation by yourself may cause malfunction, electrical shock, or fire.
- Install the set according to the instructions given in this manual. Incomplete or improper installation may cause malfunction, electrical shock, or fire.
- Be sure to use the standard attachments or the genuine parts. Use of other parts may cause malfunction, electrical shock, or fire.
- Disconnect power to the connected equipment before starting installation. Failure to do so may cause malfunction, electrical shock, or fire.
- A ground fault circuit interrupter / an earth leakage circuit breaker should be installed. If the breaker is not installed, electrical shock may occur.

CAUTION

- Do not install the set in a location where there is danger of exposure to inflammable gas. Gas accumulated around the unit at the worst may cause fire.
- To prevent damage due to electrostatic discharge, touch your hand to a nearby metal object (doorknob, aluminum sash, etc.) to discharge static electricity from your body before touching this kit. Static electricity can damage this kit.
- Lay this cable separately from other power cables to avoid external electrical noises.
- After installation is complete, test the operation of the PCB set to check for problems, and explain how to use the set to the end-user.

1.Overview, Features and Compatible Models

This kit is the interface required when connecting the central controller and a Room Air Conditioner. Use of the central controller makes it possible to perform the following monitoring and operations. It is compatible with room air conditioners which have an HA connector S21.


- Run / stop for the central controller and wired remote controller, operating mode selection, and temperature can be set.
- The operating status, any errors, and the content of those errors can be monitored from the central controller and wired remote controller.
- Run / stop for the central controller and wireless remote controller, operating mode selection, and the temperature setting can be limited by the central controller.
- Zone control can be performed from the central controller.
- The unit can remember the operating status of the air conditioner before a power outage and then start operating in the same status when the power comes back on.
- Card keys, operating control panels, and other constant / instantaneous connection-compatible equipment can be connected.
- The Operating / error signals can be read.
- The indoor temperature can be monitored from the Intelligent Touch Controller.

Precaution

- When reading the Operating / error signals, a separate external power source (12 V DC) is needed.
- A separate timer power source (16 V DC) is needed when using the schedule timer independently, and not in conjunction with other central controllers.
- The range of temperatures that can be set from the central controller is 18°C to 32°C in cooling and 14°C to 28°C in heating.
- Fan operation cannot be selected from the central controller or wired remote controller.
- Group control (i.e., control of multiple indoor units with a single remote controller) is not available.
- Monitoring is not available of the thermo status, compressor operating status, indoor fan operating status, electric heater, or humidifier operating status.
- Forced thermo off, filter sign display and reset, fan direction and speed settings, air conditioning fee management, energy savings instructions, low-noise instructions, and demand instructions cannot be made.

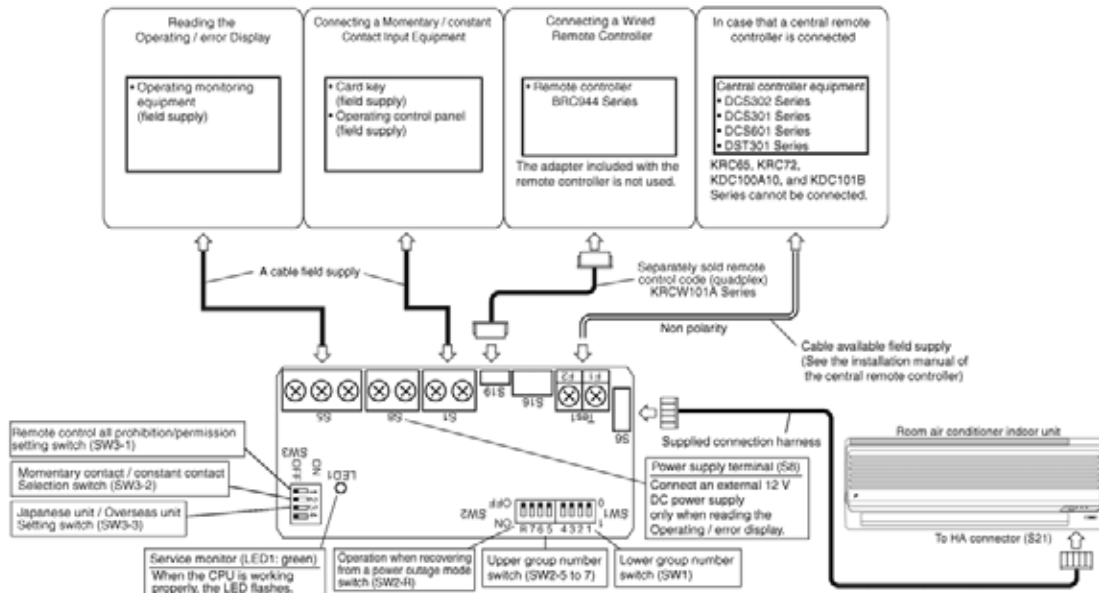
2.Component Parts

This kit includes the following components. Check to ensure that none of these are missing.

Parts	Q'ty	Parts	Q'ty
Kit assy PCB is in the housing.	1	Connection harness (about 1.5m)	1
		Mounting screws	3
		Binding band	6
		Installation manual	2

3.Names of Parts and Electric Wiring

<Wiring procedure>



4. Switch Settings

NOTE Turn the power on after all the switches have been set. Settings made while the power is on are invalid.

Open the Kit's case and set the switches on the circuit board.
 (1) For Overseas / Japanese unit setting (SW3-3)
 Room air conditioners, different methods are used for setting the temperature in automatic mode, so this switch needs to be set.

Destination	SW3-3 setting	What Happens
Japan	OFF (Factory setting)	• "Automatic" operation is not available from the central controller. When using "automatic" operation using the wireless remote controller, the central controller displays automatic cooling (heating) and 25°C. Even if the temperature is changed, it will return to 25°C after a while.
Overseas	ON	• "Automatic" operation is available from the central controller.

(2) Group number settings (SW1 and SW2-5 to SW2-7)
 Set these when using the central controller. (Set to the side.) Do not set more than one unit to the same number.
 Use SW2-R for (3) Settings when recovering from a power outage.

However, these settings do not need to be made when using the schedule timer independently.
 (The settings are needed when used in conjunction with another DCS Series central controller.)
 In this case, the schedule timer performs an auto address after the power is turned on, so new group numbers are automatically set. Settings made using the switches will be overwritten.

Group NO. Settings table (Enlarged section SW1 and SW2 in "3. Names of Parts and Electrical Wiring")

Group NO. Upper settings SW2		Group NO. Lower settings SW1					
1-	5-	00-	04-	08-	12-		
2-	6-	01-	05-	09-	13-		
3-	7-	02-	06-	10-	14-		
4-	8-	03-	07-	11-	15-		

: Use with power failure recovery settings Set to the side ON OFF

NOTE also that a separate timer power source is needed when using the schedule timer independently.
 Power source specs: 16 V DC, +10%, -15%, 200mA.

(3) Settings when recovering from a power outage (SW2-R)
 This selects whether to restart operation when the power comes back on after a power outage occurred during operation. This setting is given priority in cases where the indoor unit has an auto start ON / OFF jumper. Note also that regardless of whether switch SW2-R is on or off, the operating mode (NOTE), set temperature, fan direction and speed settings, and remote control prohibition status are stored.

SW2-R setting	What Happens
OFF (Factory setting)	Stops after recovering from a power outage
ON	Stops if the unit was stopped before the power outage and runs if it was running.

(NOTE) The following settings apply to the models below.

Room air conditioner	Mode before the power outage	COOLING	HEATING
Models with humid heating and dehumidifying functions.			HUMID HEATING
Models with dehumidifying function.		DRY COOLING	HEATING

(4) Contact input function settings (SW3-1 to SW3-2)
 When using contact input (S1), choose one of the following functions.

S1 operating mode	SW3-1 setting	SW3-2 setting	What Happens	Control mode
Instantaneous contact input (factory setting)	OFF	OFF	The operating status of the air conditioner is warned by an instantaneous input of 100 msec or more.	Last command priority
Constant contact input	OFF	ON	Contact - Open to close: air condition runs. Close to open: air conditioner is stopped (NOTE 1).	ON / OFF control is rejected (operate / stop / timer prohibition) (NOTE 2).
Remote control all prohibition/permission input	ON	Invalid	Contact - Open to close: air condition stops. Close to open: no change in operating status.	All remote controller actions are prohibited when the contact is closed. (NOTE 3)

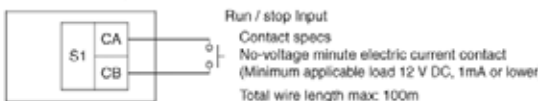
NOTE1: Since central equipment uses last command priority, the contact status and operating status of the air conditioner might not match sometimes.

Example: If the unit is run from the central controller while the air conditioner is stopped with an open contact, the contact will be open and the unit will be running.

NOTE2: Operating mode and fan direction and speed settings can be changed.

NOTE3: If the contact is closed while the ON timer is set, as the power ON timer function is still operating, the operation starts at the time specified by the timer. To prevent operation of the power ON timer, use of the (KRP413AB1S) remote control PC-board set is recommended. However, note that it cannot be used in tandem with the central controller.

If this product is connected to an air conditioner manufactured in or after 2011, when the contact is closed, the power ON timer may be cancelled depending on the combination with the model.



5. Control Codes

When using a central remote controller, the operating codes can be used to limit operation from wireless remote controllers. Three beeps for signal reception will be heard continuously when the wireless remote controller is operated while in central control.
 ○ : permitted; × : prohibited

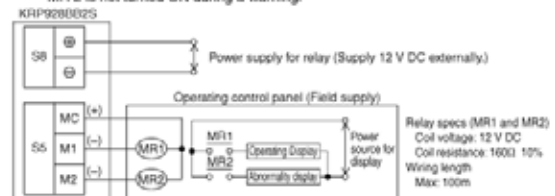
S1 operating mode	Control mode	Control code	Operations from the remote controller							
			"Run" control from the central controller			"Stop" control from the central controller				
Instantaneous contact mode	ON / OFF control is rejected	0, 1, 3	×	×	○					
	10, 11	×	×	×						
	Only OFF control is accepted	2	×	○	×					
	12-19	○	○	○						
	Central priority	4	○	○	○					
	5	○	○	○						
Constant contact mode	Last command priority	6, 7	○	○	○					
	8	○*	○*	○*	○					○
	9	○*	○*	○*						
	2, 10-19	×	×	×						
All remote controller actions are prohibited	1, 3, 5-7	○								
	4	×	×	×						
	8	○*								
	9	○*								

*Only during timer operation
 The remote controller permission / prohibition settings using the Intelligent Touch Controller are as follows.
 ○ : permitted; × : prohibited

S1 pin operating mode	Intelligent Touch Controller settings			Operations from the remote controller			
	Start / stop	Change operating mode	Change set temperature	Run / timer	Stop	Operating mode / temperature	Fan direction and fan speed
Instantaneous contact mode	ON / OFF control is rejected	permitted	permitted/prohibited	×	×	○	
	prohibited	permitted/prohibited	×	×	×		
Instantaneous contact mode	Only OFF control is accepted	permitted	permitted/prohibited	×	○	×	
	prohibited	permitted/prohibited	×	×	×		
Constant contact mode	permitted	permitted	permitted	×	×	×	
	prohibited	permitted/prohibited	×	×	×		
Instantaneous contact mode	Last command priority	permitted	permitted/prohibited	○	○	○	
	prohibited	permitted/prohibited	×	×	×		
Constant contact mode	permitted	permitted/prohibited	×	×	×		
	prohibited	permitted/prohibited	×	×	×		
All remote controller actions are prohibited	Does not affect settings			×	×	×	×

6. Read Operating / Error Display Signal

The Operating / error signals can be read from the contact output (S5).
Output specs
 M1: Turn MR 1 ON when the air conditioner is running.
 M2: Turn MR 2 when a communication error has occurred between the KRP928BB2S and the air conditioner, or MR 1 is ON and the unit has stopped after an error.
 MR 2 is not turned ON during a warning.



7. Combining Equipment

The central controller can be combined with the following devices.

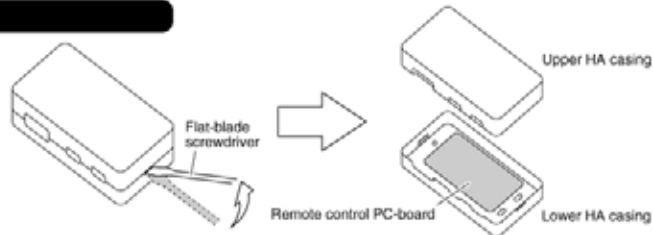
	Central Remote Controller	ON / OFF controller	Schedule timer	D-BIPS	Contact input	Wired Remote Controller	Wireless Remote Controller
Central Remote Controller	○	○	○	○	○	○	○
ON / OFF controller	○	○	○	○	○	○	○
Schedule timer	○	○	×	×	○	○	○
D-BIPS	○	○	×	×	○	○	○
Contact input	○	○	○	○	×	○	○
Wired Remote Controller	○	○	○	○	○	×	×
Wireless Remote Controller	○	○	○	○	○	×	○

Connection to Remote Control PC-board

Connection to Remote Control PC-board

1. Removal of upper HA casing

- ① Insert a flat-blade screwdriver into the groove between the upper and lower casings.



- ② Lift the handle of the screwdriver upward.

2. Securing of lower HA casing

Mount and secure the lower HA casing directly on the wall with the provided screws inserted into the screw holes (a round hole and two ellipse holes) of the casing.

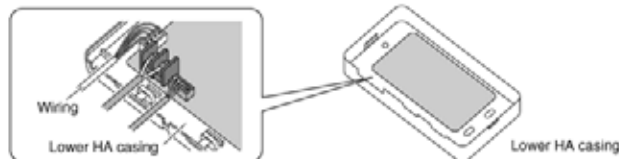


NOTE

Mount the HA casing in a direction where the wiring through-holes will be hidden in order to prevent infants from putting their fingers into the HA casing and the LED light on the internal PC board from leaking outside.

3. Connection of wiring

Connect the wiring to the connector terminals.

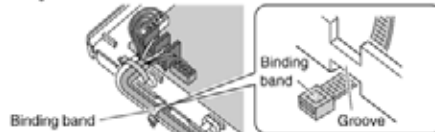


4. Fixation of wiring

- ① Insert the provided binding band under the pillar of the HA casing and secure the covers of the wiring with the binding band.



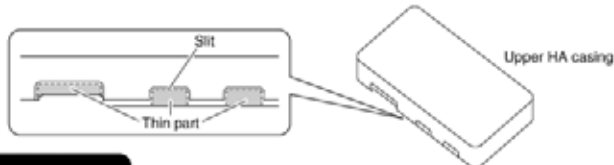
- ② Insert the second binding band into the groove on the side of the HA casing and fix the wiring securely so that the wiring will not be disconnected.



A large number of wires

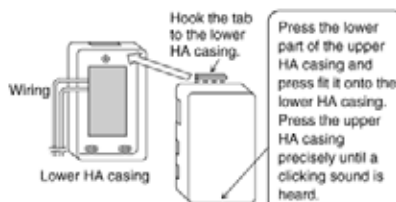
Make a slit with an appropriate tool, such as a cutter knife, on the thin part of the upper HA casing along the frame. Then cut the part with an appropriate tool, such as a pair of nippers, as shown in the diagram.

(NOTE) Cut off only the thin part required for wiring.



5. Finishing

Mount the upper HA casing to the original position.



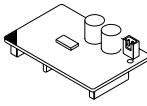
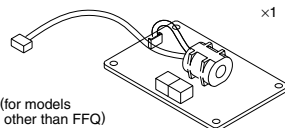
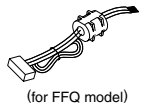
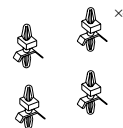
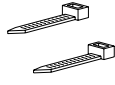
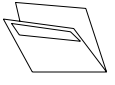
Information

When the contact input device (such as card keys) and central controller are used in tandem:

Even when the operating mode of the S1 pin is set to prohibit all remote controller actions, run/stop operation from the central controller is possible. The operation also starts when the power ON timer of the indoor unit is up while all remote controller actions are prohibited. (*) In this case, stop the operation from the central controller. For the compatible models of the (KRC944 series) remote controller, the operation can be prohibited by using the remote controller in tandem with the central controller. *If this product is connected to an air conditioner manufactured in or after 2011, when the contact is closed, the power ON timer may be cancelled depending on the combination with the model.

2.5 <DTA112BA51> Interface Adaptor for DIII-NET (SkyAir)

Accessories Check if the following accessories are included in the kit.

① Adaptor	② Relay PCB	③ Relay harness	④ PC board support	⑤ Clamp material	⑥ Installation manual
 ×1	 ×1 (for models other than FFQ)	 ×1 (for FFQ model)	 ×4	 ×2	 ×1

Note Before opening control box lid, be sure cut off the all air conditioner power of indoor unit and outdoor unit, or you may get an electric shock..

1 SYSTEM OUTLINE

- By connecting this kit to an optional controller for centralized control, all units of the SKY AIR Series in the system can be controlled as a group from the optional controller.
- One kit must be installed onto the master unit of each group.

2 ELECTRIC WIRING for FFQ model

- (1) Mount the Adaptor ① on the indoor unit PCB by setting the triangle marks together.(Fig.1)
- (2) Insert the Relay harness ③ into the connector of the Adaptor ① (Fig.2)
- (3) Remove the remote control terminal block(X1M) from the control box mounted inside the indoor unit.
- (4) Connect the Relay harness ③ with the terminals F1 and F2 on the terminal block(X1M). (Fig.2)
- (5) Mount the remote control terminal block(X1M) on the inside of the control box as it was before removing it.
- (6) Bind the extra wires with the attached Clamp material ⑤ so that the wires do not go over the indoor unit PCB. (Fig.3)
- (7) Connect the wires from the terminals F1 and F2 to the centralized control. (Fig.2)

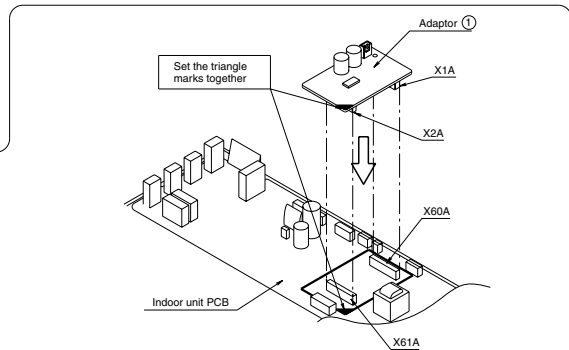


Fig.1

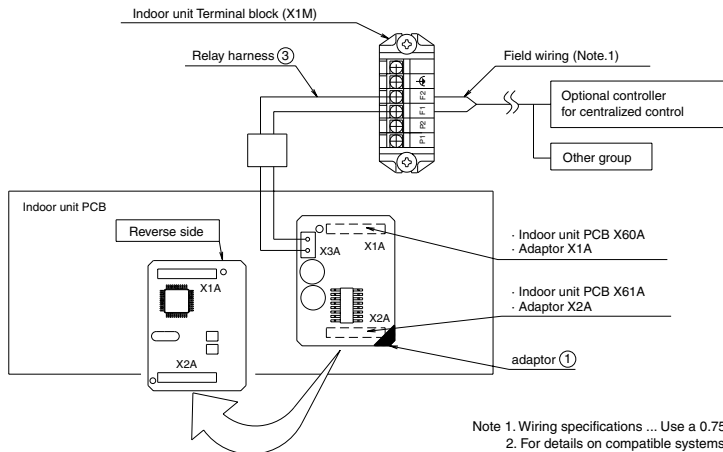


Fig.2

Note 1. Wiring specifications ... Use a 0.75-1.25mm sheathed vinyl cord or cable (2 wires).
2. For details on compatible systems and how to connect to optional controllers, see the instruction manual of the optional controller and technical reference materials.

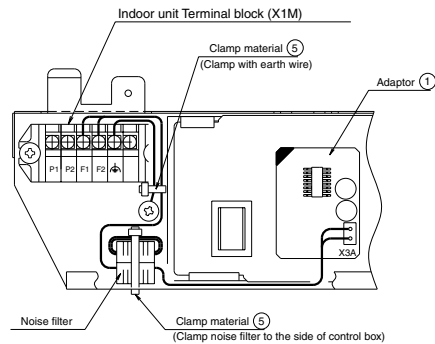


Fig.3

2.6 <KRP1C75> Adaptor for Wiring

Accessories

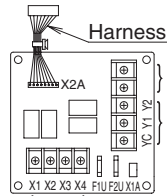
Check if the following accessories are included in the kit.

Name	Adaptor for wiring	Harness	PCB support	Clamp	Installation manual
Shape					
Quantity	x1	x1	x4	x3	x1

<Caution>

- All wiring must be performed by an authorized electrician.
- For electric wiring work, refer to also "Wiring diagram" attached to the control box lid and this manual.
- All wiring must be worked after shutting down power supply.
- All field supplied parts and materials and electric works must conform to local codes.
- A circuit breaker capable of shutting down power supply to the entire system must be installed.

1 Names of parts



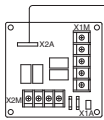
This function can not be used.

Terminals for controlling external heater, humidifier, and other equipment.

Terminals for operation status

2 Electric wiring

- Refer to the wiring diagram attached to the indoor unit before attempting to wire.
- [Make sure wires to units do not pass over the PCB when wiring.]**
- Wire the adaptor to the indoor unit as shown below.

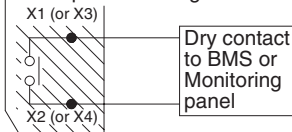


Note)1 Connector No. X33A

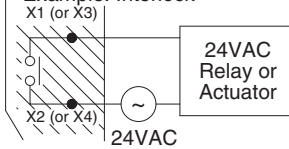
① Thermo-ON and Fan ON status

- Thermo-ON status
Contact terminals X1 and X2 close while the indoor unit is Thermo-ON (call for cooling or heating)
- Fan ON status
Contact terminals X3 and X4 close when indoor unit fan is ON

Example: Obtaining status

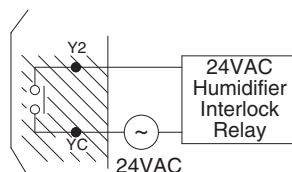
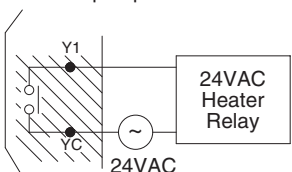


Example: Interlock



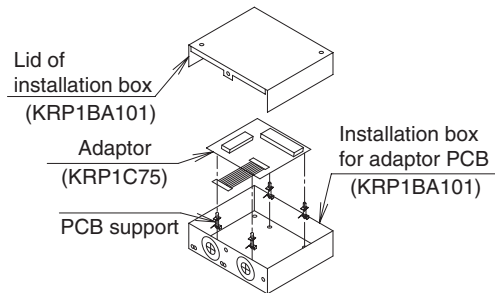
② Interlocking Heater and Humidifier

- Heater output
 - Auxiliary heater output with heat pump heating
 - Primary heater output when heat pump lockout enabled
- Humidifier output
 - Energized while heating Thermo-ON (call for heating)






3 Installation

- Installation differs according to models as shown below.
- Do not bundle low and high voltage wires together.
- Bundle any excess wires with the attached clamps so as to keep loose wires off the indoor unit PCB.



2.7 <KRP4A74> Wiring Adaptor for Electrical Appendices

Accessories Check if the following accessories are included in the kit.

Adaptor x1 	Relay harness (1) x1 each  (2) x1 each 
--	---

PCB support	x4
Clamp	x3
Installation manual	x1

1 System outline

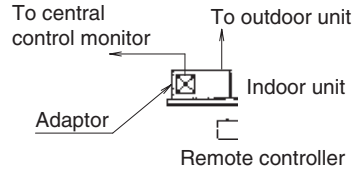
This kit enables remote control (ON/OFF control, temperature setting, operation display, error display) and can be used with the following systems though it cannot be used in conjunction with other optional controllers for centralized control.

1. Individual control (Each indoor unit is controlled individually.)

This system requires the following parts.

- Adaptor.....KRP4A74
- Remote controller (For operation control).....BRC1E71

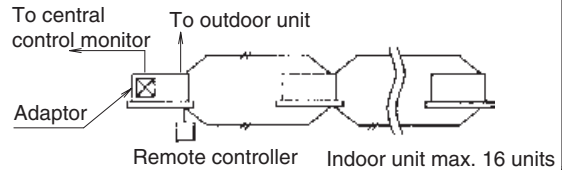
(Ex.)When individually controlling 8 units
KRP4A74 x8 kits
BRC1E71 x8 kits



2. Group control (Multiple indoor units are controlled as a group.)

This system requires the following parts.

- Adaptor.....KRP4A74
- Remote controller (For operation control).....BRC1E71



2 Names of parts and function

Service monitor (H1P: Green)
This lamp flashes while the CPU is operating normally.

Service monitor (H10P: Red)
This lamp lights up when trouble occurs in electrical wiring or setting switches. Remote control is disabled. (This LED is out in constant operation.)

Terminal board for display signal (X3M)
Connects operation and error output to a remote point (Central control monitor, etc.). (Normal operation: W1, W2; Error: W3, W4)

Power supply connector
To connector on indoor unit PCB.
Note) Connector No. X35A

Temperature setting ON/OFF switch (SS2)
(Factory set: Possible)

Impossible
Possible
SS2
Do not change to "Impossible". Otherwise, temperature setting by the remote control cannot be made.

Transmission wiring (P1,P2)
To P1 and P2 on indoor unit terminal board.

Changeover switch (SS1) (Factory set: Volt)
Set to "Non volt" to input a no-voltage normally open contactor on the remote control input terminal board (TeS1).

Control mode selector switch (RS1)
(Factory set: 0)
For selecting the type of system operation permitted via remote.

Remote control input terminal board (X1M)
Connects control input from the remote control (Central control monitor, timer, etc.).

Temperature setting input terminal (X2M)
This function cannot be used for this kit. Never apply voltage to this for any reason whatsoever.

For details, see the electric wiring.

3 Installation

Lid of installation box
KRP1BA101
(Optional accessory)

Adaptor
(KRP4A74)
PCB support

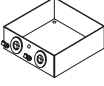
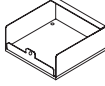





Installation box for adaptor PCB
KRP1BA101 (Optional accessory)

Note: Installation box for adaptor PCB is required to install the adaptor.

2.8 <KRP1BA101> Installation Box for Adaptor PCB

Accessories

Check the following accessories are included in this kit.

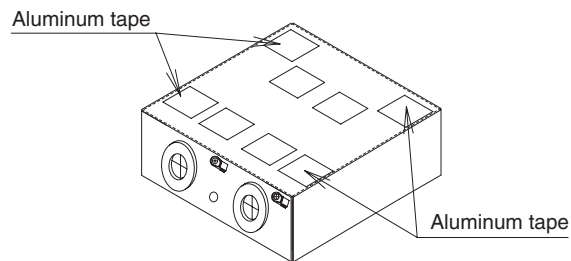
Name	Installation box	Lid of installation box	Clamp	Screw	Cord sticker	Installation manual	Screw
Quantity	x1	x1	x3	x3	x3	KRP1B101 English KRP1BA101 Englishx1, Japanese x1	x2
Shape	① 	② 	③ 	④ 	⑤ 	⑥  (This manual)	⑦ 

1 Method of attaching the adaptor

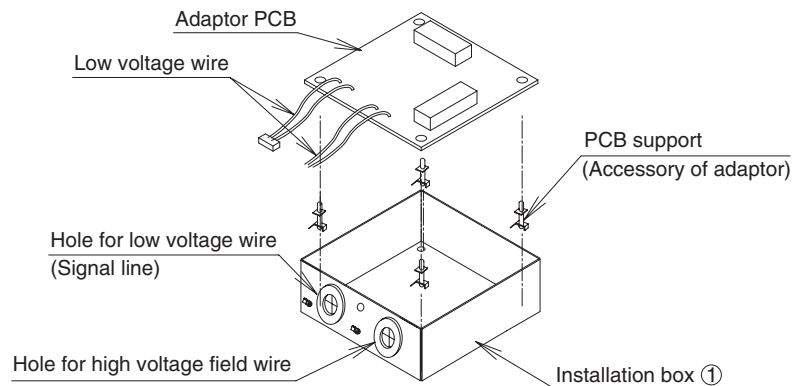
Attach the adaptor

Attach the adaptor in the installation box ① by the PCB supports.
(PCB supports are accessories of adaptor.)

- Detach the aluminum tapes of the installation box ① to insert the PCB

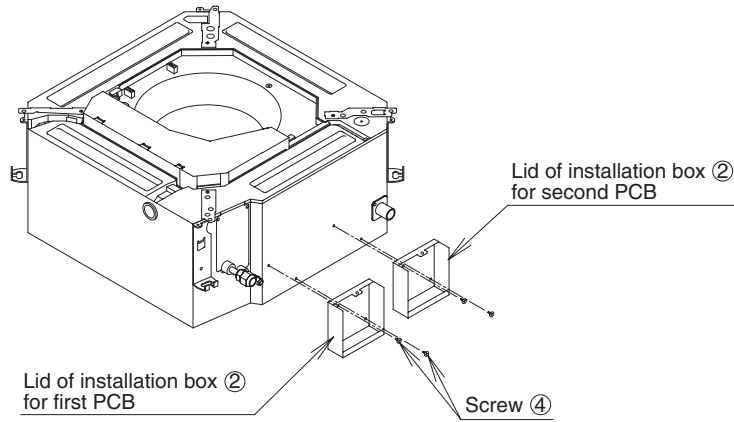


- Connect wires with the adaptor before attaching to the installation box ①.
- Low voltage wires and high voltage wires should be kept space at least 50 mm from each other.



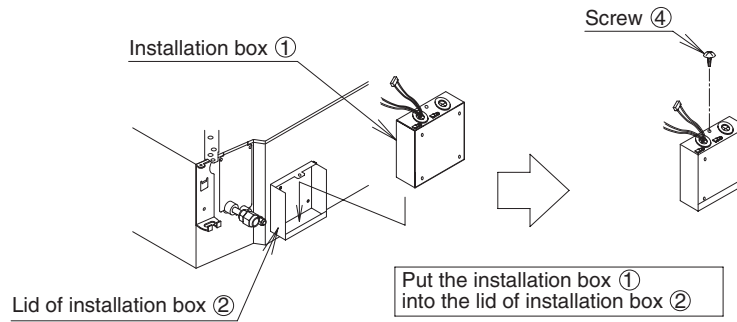
Attach the lid of installation box

Attach the lid of installation box ② to indoor unit with two screws. If two adaptors are installed, the second adaptor is attached to side of first one.



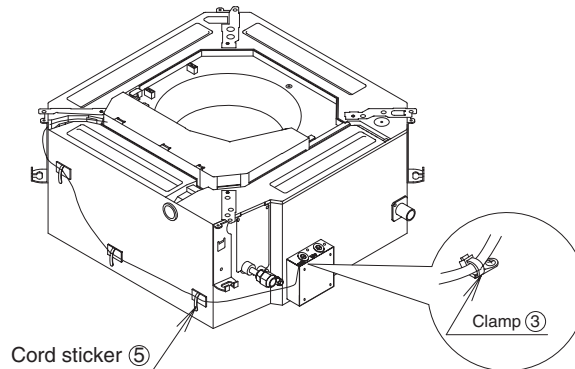
Attach the installation box

Attach the installation box ① into the lid of installation box ② with the screw.



2 Method of wiring processing

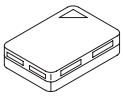




- Connect wires with the control box. (Refer to the installation manual attached to the adaptor.)
- After connecting wires with the control box, clamp wires by using the cord stickers ⑤ and the clamp ③ as shown in the below drawing.



2.9 <KRCS01-1A> Remote Sensor

Components

Check the following components.

Designation	Remote sensor (sensor box)	Extension cable (2-core, 12m)	Clamps	Installation manual (this drawing)	Sensor box mounting screws (M4x16)
shape					
Pieces	1 Piece	1 Piece	2 Pieces	1 sheet	2 Pieces

1 Mounting

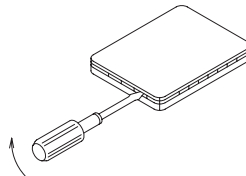
1) Selecting the mounting location

The thermistor for temperature detection is incorporated into the remote sensor. Select the mounting location taking the following cautions into account.

- ① where the average temperature of an air conditioned room can be detected.
- ② where it is not exposed to the direct sunlight.
- ③ where it is not influenced by other heat sources.
- ④ where it is not exposed to the direct discharge air from the air conditioner.
- ⑤ where it is not exposed to the outdoor air infiltrated into the room by opening the door.

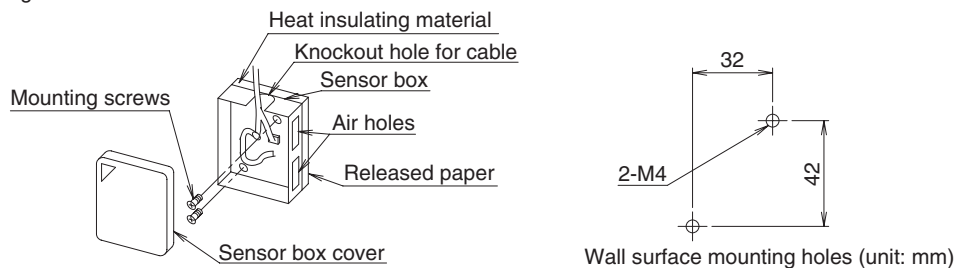
2) Mounting

- Remove the cover of the sensor box.

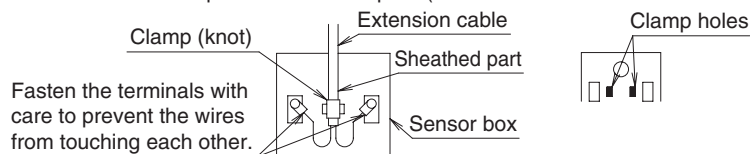


Insert a flat blade screw driver into the clearance between the sensor box concave part and the upper case, and remove the cover.

① When mounting on the wall

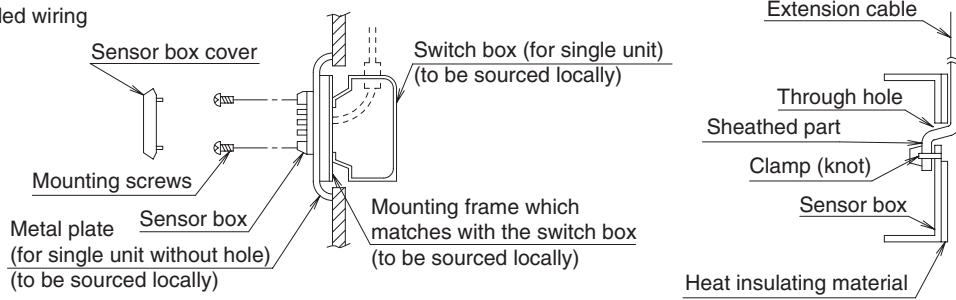


- Break open the knockout hole in the sensor box with a nipper or a similar tool. Pass the extension wires through the hole and fasten the wires to the terminals with screws.
- To avoid tensile force on the terminals, pass the attached clamp through the holes shown in the below right figure and tighten the extension cable with the attached clamp at the sheathed part. (The knot must come to the box inside.)

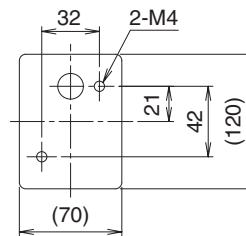


- Screw the sensor box securely to the wall surface with screws M4x16 (2places). Tighten the screws so that the thickness of the insulating material will become around 4mm. If tightened too hard, the box may be distorted or the heat insulating performance may drop and, as a result, the room temperature may not be correctly detected. If the sensor box cannot be screwed to wall surface, tear off the released paper and mount it on the wall surface.

②For embedded wiring



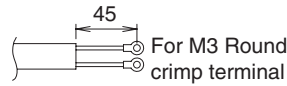
- Pass the extension cable through the switch box cable hole and carry out the wiring.
- Pass the attached clamp through the clamp holes and tighten the extension cable at the sheathed part as shown in the upper right drawing.
- Tap M4 screw holes in the metal plate (to be sourced locally) as shown in the right drawing and mount the switch box on the metal plate.



Holes to be tapped in the metal plate on site (unit: mm)

<Cautions>

- Give caution when wiring so that the air holes will not be blocked.
- When the extension cable is longer than necessary, cut it to the appropriate length, peel the insulation, attach the round crimp terminal for M3 (to be sourced locally) and carry out the wiring. The length of insulation to be peeled off is as shown. (Work carefully so that the connector side may not be cut.)



2 Wiring method

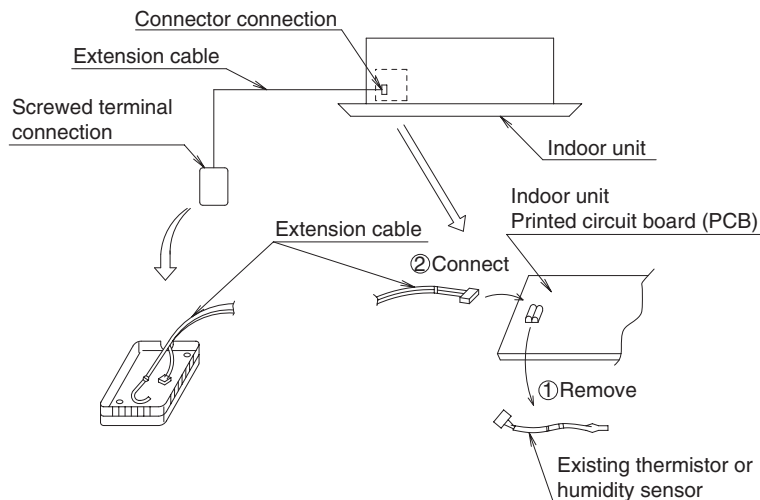
Connect the extension cable connector side to the indoor unit PCB (printed circuit board)
For connection to the indoor unit, follow the procedure shown below.

⚠ Caution

- 1) Make sure to turn off the power supply before starting the wiring work and do not turn on until all the work is completed.
Read also the wiring diagram of the indoor unit when carrying out the work.
- 2) When wiring the extension cable, do not pass where the extension cable may be affected by the power line or noise.
- 3) Make sure to securely connect the connectors.
Defective connection may result in incorrect detection of room temperature or malfunction.
- 4) Do not splice wires.
- 5) Since the connector marking of the thermistor for detection of inlet air temperature differ depending on the indoor unit type, make sure to check the indoor unit wiring diagram and follow it correctly.

<Procedure>

1. When wiring to the indoor unit PCB, remove the existing thermistor (for detection of inlet air temperature) and then connect the extension cable.



2. Lay and clamp the extension cable inside the indoor unit switch box just like the existing thermistor.
Provide protection of the existing cable for thermistor without affecting other components.
3. Fit the sensor box cover into the sensor box.

3 Operation test after mounting the sensor

Conduct cooling and heating operation test after the sensor is mounted and the wiring is completed.

3. Options for Indoor Unit

3.1 <KDT25N32, KDT25N50> Insulation Kit for High Humidity

Caution

- This kit can be installed to the Ceiling mounted Built-in Type Air Conditioners. <Slim duct type>
- When the Installation box for adapter PCB(KPP1B101) is used together, mount this kit before Installation box.
- It is recommended to mount this kit before installing the indoor unit.

Combination table

Kit name		KDT25N63
KDT25N32	KDT25N50	
FDXS09/12LVJU	CDXS15/18LVJU	

Details of parts

Designation	① Top plate insulation (T-1)	② Top plate insulation (T-2)	③ Side plate insulation (S-1)	④ Side plate insulation (S-2)
Shape				
Number of pieces	1 pc.	1 pc.	2 pcs.	1 pc.
Designation	⑤ Bottom plate insulation (B-1)	⑥ Chamber cover insulation (C-1)		
Shape				
Number of pieces	1 pc.	1 pc.		
Designation	⑦ Hanger (right) insulation (H-1)	⑧ Hanger (left) insulation (H-2)	⑨ Installation manual	
Shape				
Number of pieces	1 pc.	1 pc.	1 pc.	

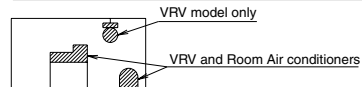
1 How to attach

⚠ When moving the unit at or after opening, hold the unit by the hanger brackets. ⚠
Do not apply force to the refrigerant piping, drain piping or flange parts.

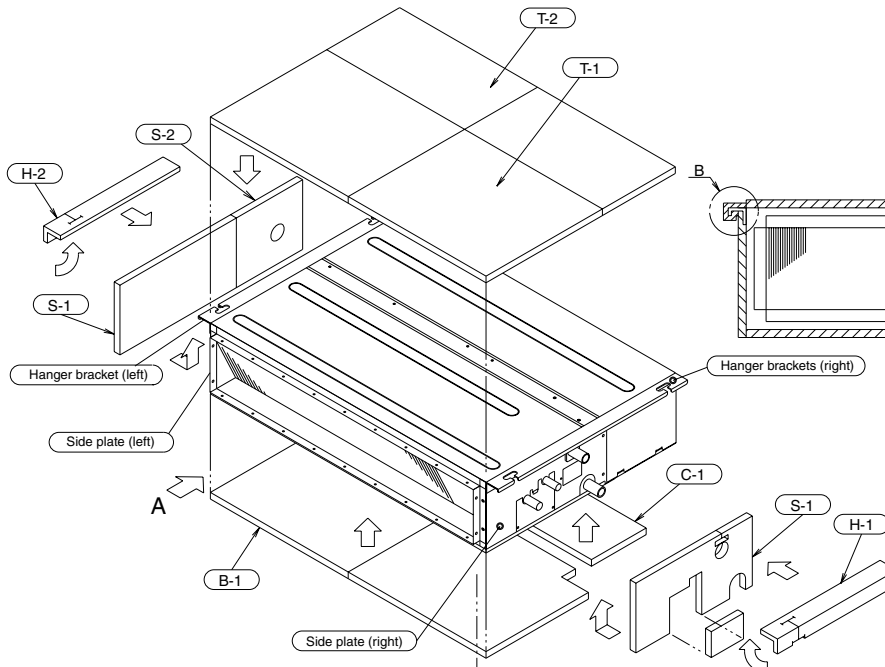
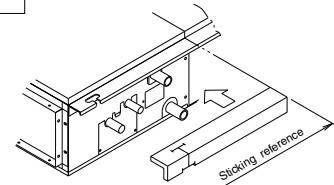
<Procedure> Stick the insulations carefully according to the following procedures and do not make a gap between the adjacent thermal insulations.

- (1) Stick the top plate insulation (T-1) . (T-2) to the indoor unit top plate.
- (2) Cut off the side plate insulation (S-1) following the score. (See the right figure)
- (3) Stick the side plate insulation (S-1) to the indoor unit right side plate.
- (4) Stick the side plate insulation (S-1) to the indoor unit left side plate without cutting off the area surrounded by the score.
- (5) Stick the side plate insulation (S-2) to the indoor unit left side plate.
- (6) Stick the bottom plate insulation (B-1) to the indoor unit bottom plate.
- (7) Stick the chamber cover insulation (C-1) to the indoor unit chamber cover.
- (8) Stick the hanger (left) insulation (H-2) and the hanger (right) insulation (H-1) to the left and right hangers respectively. (See the right figure for the sticking reference.)

Cut off the area shown with oblique lines and throw it away.



KDT25N50, KDT25N63 model only




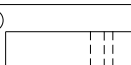






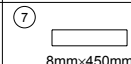


3.2 <KDBH44BA60> Sealing Member of Air Discharge Outlet

Caution

☉ Refer to the installation manual for both indoor unit and the decoration panel.

Contents of kit

Check the following parts are include with your kit.

Name	Sealing material	Tape for fixing the sealing material	Insulation for side plate			Moisture absorber for bell-mouth	Moisture absorber for swing flap
Quantity	2 pieces	2 pieces	1 piece	1 piece	1 piece	1 piece	3 pieces
Shape			 100mm×179mm	 100mm×370mm	 100mm×1538mm		 25mm×361mm
Name	Moisture absorber for swing flap	Moisture absorber for panel edge	Moisture absorber for attached point	Moisture absorber for fresh air intake			
Quantity	3 pieces	3 pieces	1 piece	2 pieces			
Shape		 8mm×450mm		 50mm×20mm			

1 The direction of air discharge and the positioning of sealing material

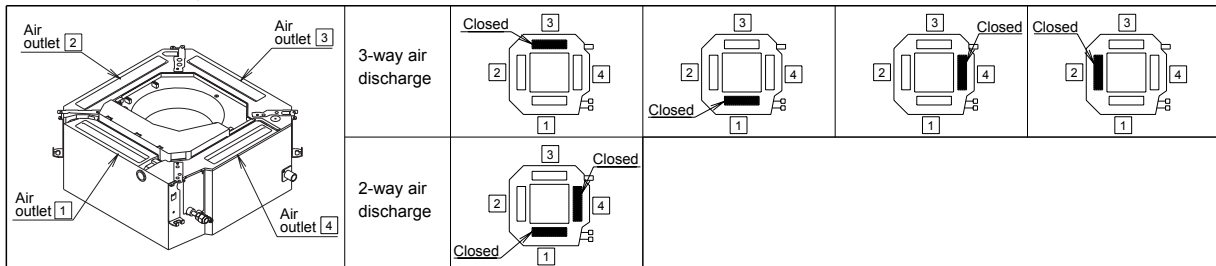
(1) Selection of the air outlet

☉ Select the direction of air discharge from the following table according to the location of the indoor unit.

Refer to **2 Setting for indoor unit** for setting position number.

Refer to the installation manual attached to the indoor unit for selection of installation location.

Caution Never select the direction of air discharge other than the following pattern.
(You may have a condensation problem.)



(2) Prepare the sealing material **1** and the tape for fixing the sealing material **2** according to the air outlet No. to be closed.

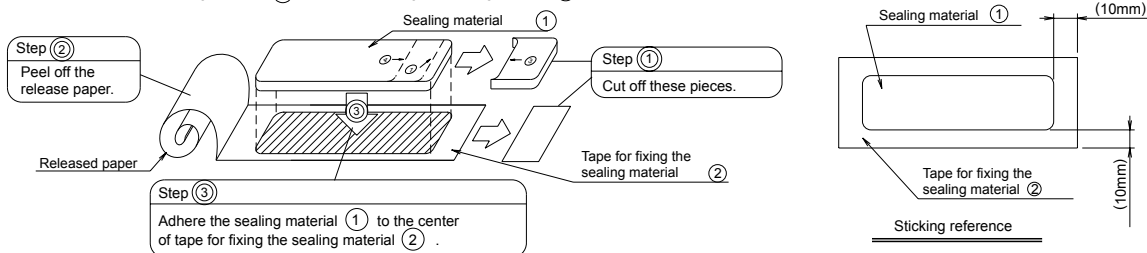
☉ Cut off the sealing material **1** and the tape for fixing the sealing material **2** along the perforated lines (marked---).

☉ Adhere the sealing material **1** to tape for fixing the sealing material **2**.

(Make sure that the sealing material **1** is placed at the center of the tape for fixing the sealing material **2**.)

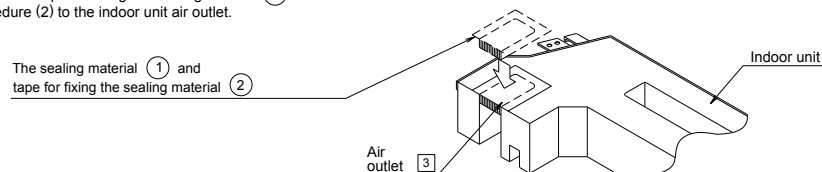
Example) For closing the air outlet **3**

☐ <How to prepare the sealing material **1** and tape for fixing the sealing material **2** >



*When closing the air outlet **2**, it is not required to cut off the sealing material **1** and tape for fixing the sealing material **2**.

(3) Adhere the sealing material **1** and tape for fixing the sealing material **2** prepared according to the procedure (2) to the indoor unit air outlet.



Adhering the sealing material for air outlet

2 Setting for indoor unit

It is required to make a field setting from the remote controller according to how the indoor units are installed. The direction of air discharge must also be set by the remote controller.

- The 3 different kinds of setting such as "Mode number", "The setting switch number" and "The setting position number" must be made by the remote controller.
- Refer to the item of "Field setting" in the operation manual of the remote controller for the setting procedure.
Setting according to number of use of the air discharge.
Check the setting position number corresponding to the direction of air discharge in a table, below.

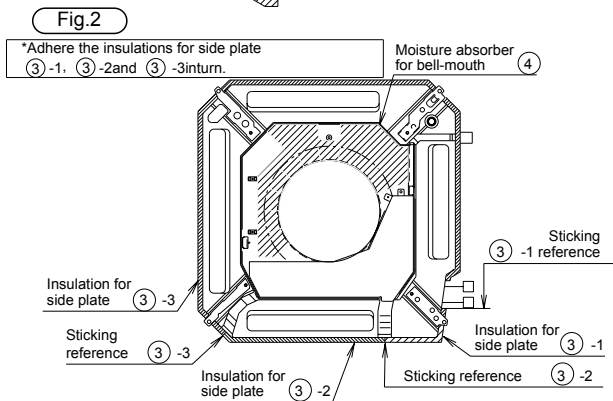
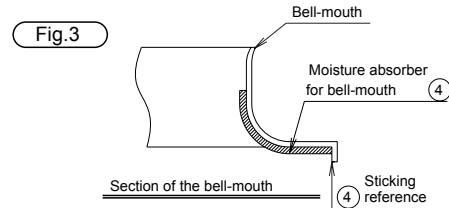
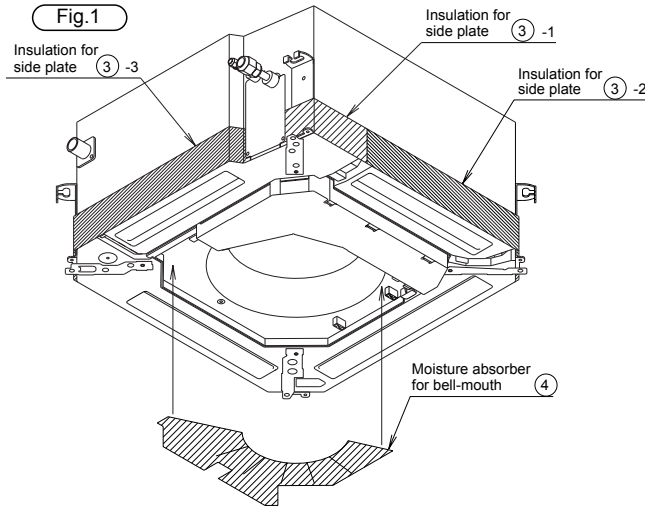
(Content of setting)

(Number of use of air outlets)	Mode number	The setting switch number	The setting position number
3-way air discharge	13(23)	1	02
2-way air discharge			03

3 Installation of the insulation

Please turn off the power supply for safety absolutely, before you do installation of the decoration panel and affixation of insulation and connected work of swing connector.

- (1) Adhere the insulations for side plate (3) in position, referring (Fig.1) (Fig.2) .
- (2) Adhere the moisture absorber for bell-mouth (4) on the inner surface of the bell-mouth.
See (Fig.1) (Fig.2) (Fig.3) .



*Adhere the insulations for side plate (3) -1, (3) -2 and (3) -3 in turn.

- (3) Confirm the air outlet and NO. not to be closed on the panel. See (Fig.4).
- (4) Confirm the air outlet and NO. not to be closed on the panel. See (5)(6) aligning with the upper edge of the swing flap on the air outlet. And, adhere the moisture absorbers for panel edge (7) with the panel edge on the air outlet. See (Fig.5).
- (5) Confirm the air outlet and NO. not to be closed on the panel. See (8) with the attached point to indoor unit between the air outlet (2) and (3). And, adhere the moisture absorbers for flesh air intake (9) with the flesh air intake hole. See (Fig.6).

Fig.4

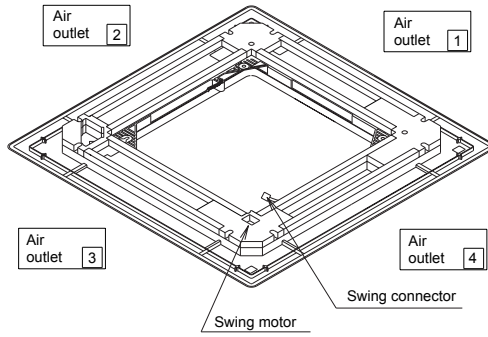


Fig.5

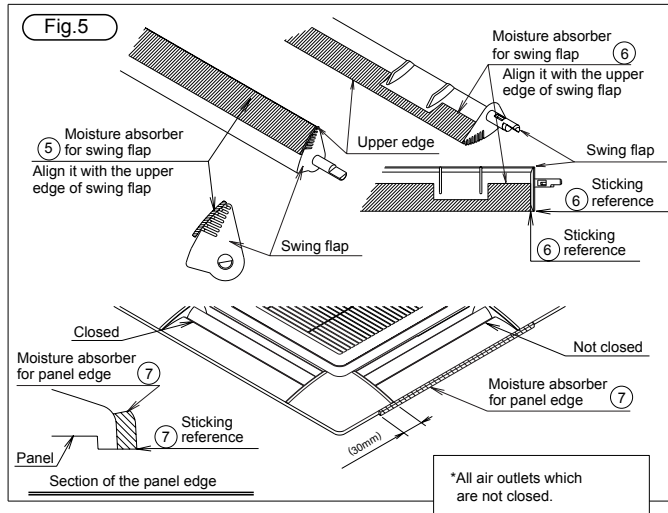
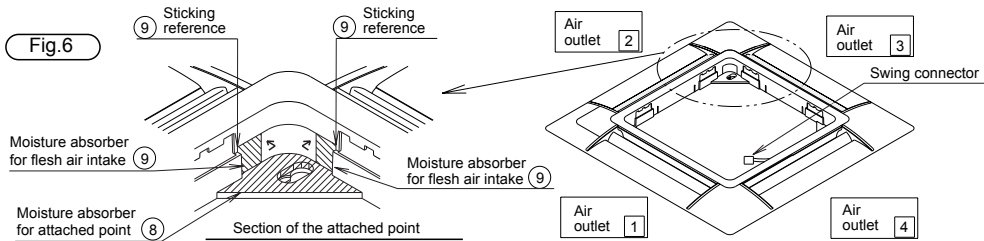


Fig.6



1P109292-1B





3.3 <KDBQ44BA60A> Panel Spacer

Caution

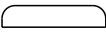
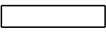
- When the Panel Spacer is installed, it is not possible to have 2-way air outlet.
- Refer to the installation manual for both indoor unit and the Panel spacer for its installation.

Contents of kit

Check if following parts are included with your kit.

Name	Panel spacer frame	Resin corner part	Fixing metal	Screw
Quantity	4 PCS.	4 PCS.	4 PCS.	28 PCS.
Shape · number	① 	② 	③ 	④ 

M4×12
Tapping screw
(Class 2)

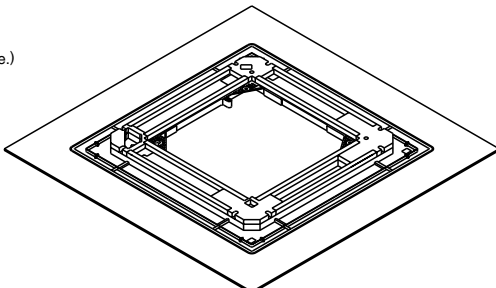
Name	Sealing material	
Quantity	2 PCS.	2 PCS.
Shape · number	⑤ 	⑥ 

1 Preparation of the decoration panel

• Handle the decoration panel with care.

Never place the panel face down, or lean the panel against wall or place on the projective object.
(It causes the dent or damage of the surface of the panel or damage of swing motor.)

- Remove the suction grill from the decoration panel.
(Refer to the installation manual of the decoration panel how to remove.)
- Place the panel face down on the corrugated board or the vinyl sheet to protect the surface of the panel.

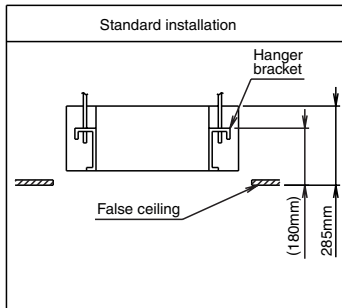


2 Installation of the indoor unit

Adjust the height of the indoor unit.

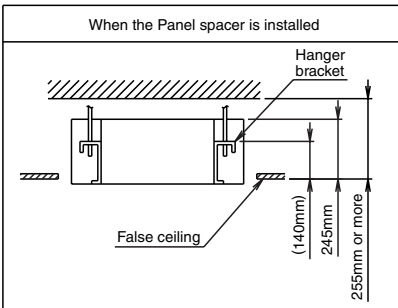
Be sure the piping will not contact with the ceiling joist etc. after adjusting the height.

Standard installation



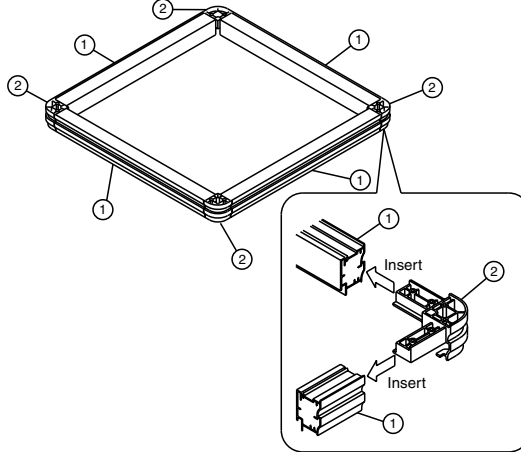
→

When the Panel spacer is installed

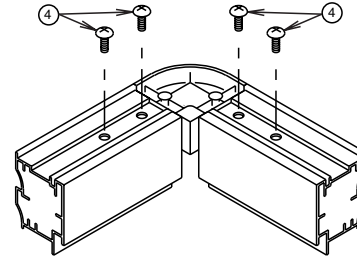


3 Assembly of panel spacer

(1) Assemble the panel spacer frame (1) and the plastic corner joint (2) temporarily.

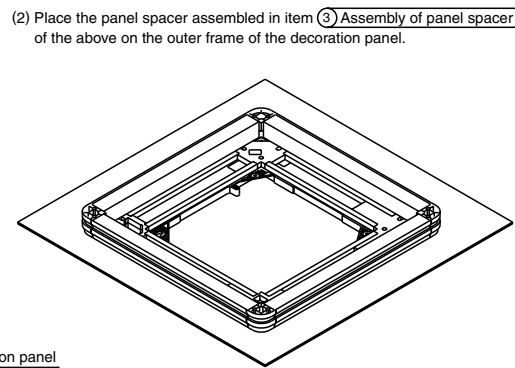
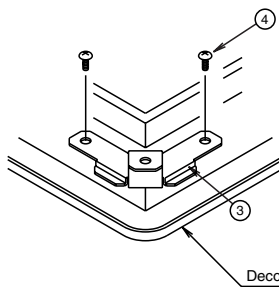


(2) Fix with the screws (4) from the top. (4 screws in each corner)



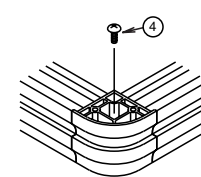
4 Fixing to the decoration panel

(1) Set the fixing metal (3) on each corner with screws (4).



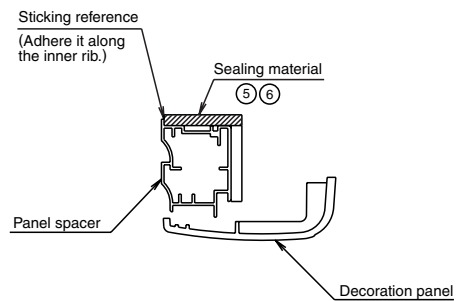
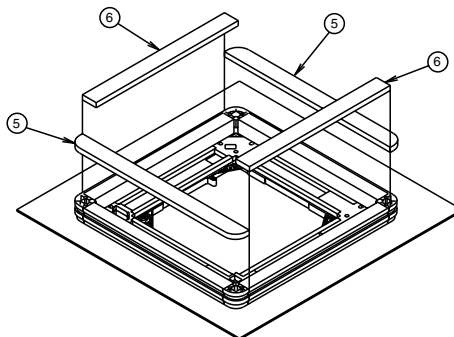
(2) Place the panel spacer assembled in item 3 on the outer frame of the decoration panel.

(3) Fix the panel spacer to the fixing metal (3) with screws (4) (4 portions).



5 Adhesion of the sealing material

Adhere the sealing material (5) (6) on the upper face of the panel spacer in the order of (5) and (6).



6 Installation of the decoration panel

Install the decoration panel to the indoor unit according to the installation manual of decoration panel.

The panel spacer is not firmly fixed to the decoration panel, so that never hold the panel spacer directly or lean the decoration panel extremely.

3.4 <KDDQ44XA60> Fresh Air Intake Kit






Remarks :

1. This kit can be installed to the Ceiling mounted cassette type (Multi-flow).
2. When installing this kit, duct (Nominal dia. : $\phi 100$) is required on site.

- In case that metal duct is penetrated through wooden walls, make sure the duct and the wall electrically insulated.
- Install the duct inclined downwardly to outdoor so that the rain may not get into the duct. (Inclination 1/100 to 1/50)
- To avoid birds, small animals or insects getting inside the duct, make sure to install net where it contacts the outside air.

Contents

Prior to installation, make sure you have the complete kit of parts.

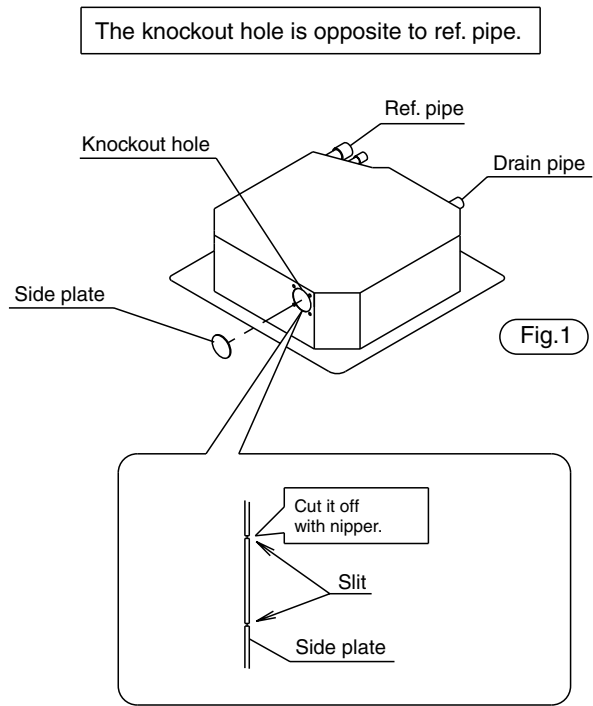
Name	① Duct flange	② Screws	③ Insulation for duct flange	④ Insulation for opening of unit	⑤ Installation manual
Q'ty	1 piece	4 pieces	1 piece	1 piece	1 piece
Shape		 M4×12			

Necessary tools

Philips head screw driver, nipper, cutter etc.

1 Installation procedures of duct flange

1. Cut off the knockout hole on the side plate. (Fig.1)



2. Adhere the insulation ④ for opening of unit to the opening. (Fig. 2)

Put the insulation ④ to be suitable for the hole of the insulation ④ and hole of the indoor unit.
However, put the insulation ④ so as not to conceal the screw hole of the indoor unit.

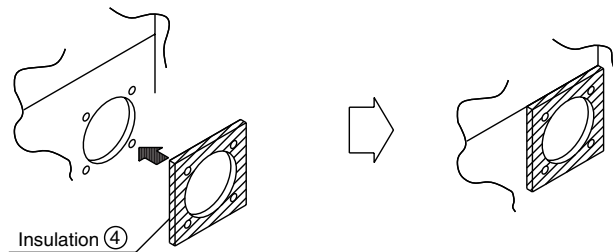


Fig. 2

3. Install the duct flange ① with screws ② (M4×12, 4 screws) to the opening and adhere the insulation ③ (Fig. 3)

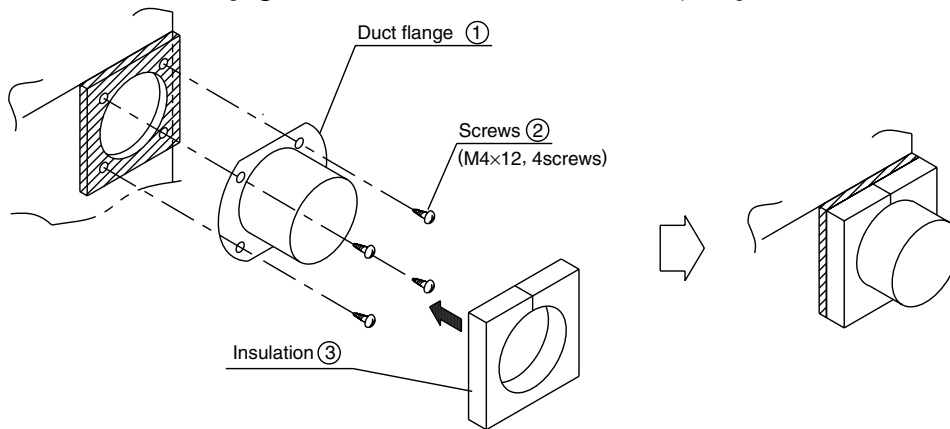


Fig. 3

2 Installation procedures of duct <Nominal diameter of duct : $\phi 100$ >

1. Connect the duct to the duct flange. (Flange fits inside the duct.) (Fig. 4)

2. After connection, wrap vinyl tape (field supply) around the duct connection to prevent air leak.

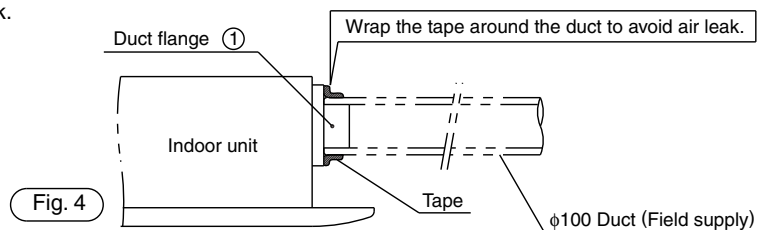


Fig. 4

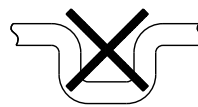
Precaution

- All ducts must be completely insulated.
- Do not do the followings when installing duct.

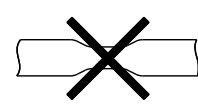
A) To bend the duct excessively B) To bend the duct too many times C) To reduce the duct diameter



WRONG



WRONG



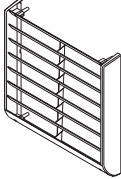



WRONG

4. Options for Outdoor Unit

4.1 <KPW063A4> Air Direction Adjustment Grille

Component parts Be sure to check that the following parts are included before installation.

Component parts

Name	① Air direction adjustment grille	② Screw	③ Spacer	④ Installation Manual
Illustration				
Quantity	1 pcs.	4 pcs.	4 pcs.	1 sheet (this sheet)

Selection of installation site

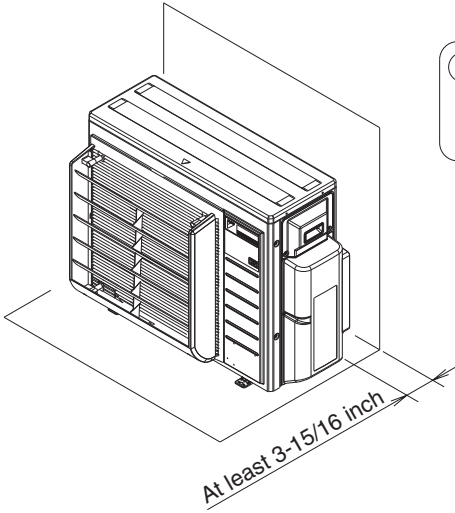
Install only on an outdoor unit in a location that satisfies the following conditions:

- When installing the outdoor unit near the neighbouring house.
- Where you wish to change the exhaust airflow direction because the outdoor unit has been installed facing a road, so that passing people are not exposed to its exhaust air
- When changing the airflow direction to prevent exhaust blowing directly onto passersby or garden plants.

Cautions for usage

- Be sure to perform the following as installation precautions to ensure correct and safe use of the air direction adjustment grille.
 1. Install the product so that it is situated high enough to allow access to the outdoor unit for maintenance purposes.
 2. When installing the product in a location in which it may be exposed to strong winds, install a rollover prevention bracket (sold separately) at the same time.
 3. Tighten screws securely. Failure to do so may result in vibration.

① Verifying the amount of space required for installation



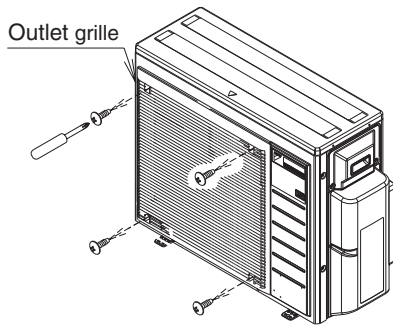
⚠ Caution

Leave at least 3-15/16 inch between the rear of the outdoor unit and any obstructions(walls, etc.).

2 Installation of air direction adjustment grille

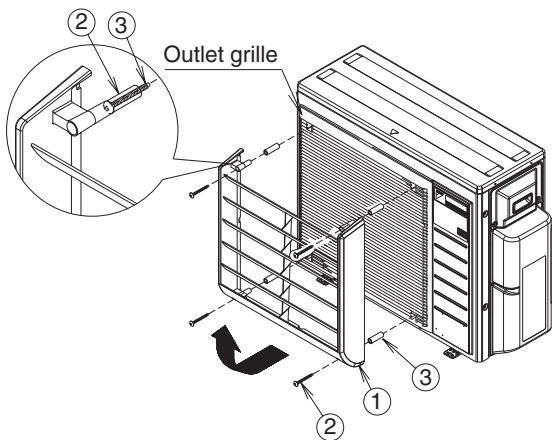
⚠ Caution

Install the air direction adjustment grille on top of the outlet grille.
Be sure to install the outlet grille as installing only the air direction adjustment grille would allow a person to reach his or her hand into the outdoor unit far enough to come into contact with the rotating fan.

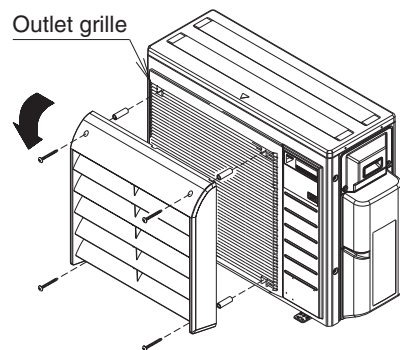


- (1) Remove the 4 outlet grille fixing screws.
 - (2) Referring to the following illustration, attach the outlet grille and air direction adjustment grille, taking care to align them with the air outlet direction.
- Attach the air direction adjustment grille on top of the outlet grille using the same screws.

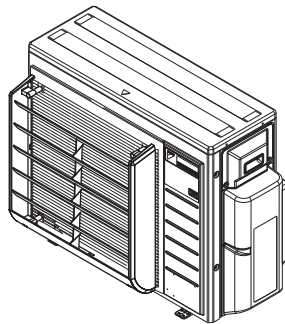
Upward facing



Downward facing



Appearance of the air direction adjustment grille after installation
(when installed with the louvers facing up)





Warning



- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorized parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the user's manual carefully before using this product. The user's manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

If you have any enquiries, please contact your local importer, distributor and/or retailer.

Cautions on product corrosion

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.