



GREE			Multi-Room Ductless heat-pump systems				
Submittal I	Data: MULTI	18HP230V1CO	18,000 BTU	/H Wall N	/lounted He	at- Pump Sy	vstem
Job Name			Location		Date		
Purchaser			Engineer				
Submitted To			For \square Ref	erence	☐ Approval	☐ Const	truction
Unit Designation	on		Schedule N				
GENERAL FEATUR			Jonedale				
-Dual Indoor Units	_						
-EnergyStar Rated						GREE	
-G10 DC Inverter T							
	Both Indoor & Outdoor	,				* =	
	Corrosion Coil Protection						
-Intelligent Defrost							
-Auto Restart on P							
-Multi-point Diagnos	_			•	*		
-Limited 5 yr Parts			AHRI Certified	d Ref No: 995	8975 (non-duct	ed) & 9956591 (ducted)
,	System Rati	ngs		C	utdoor Unit	Data	
Non-Ducted Indo	or		Compressor	Туре		DC Invert	er Driven Rotary
Rated Cooling Capa	acity	18,000 BTUH		RLA			10.8
Cooling Capacity (n	nin-max)	7,000-21,000 BTUH					
Rated Heating Capa	acity	19,000 BTUH	Fan Motor	Output Po	ower		60 W
Heating Capacity (n	nin-max)	8,530-22,600 BTUH		FLA			0.6 A
SEER/EER		22.0/12.5		Air Flow (Max)		1883 CFM
HSPF/COP		11.0/3.7					
			Sound Pressi	ure			
Ducted Indoor			Cooling				56 db(A)
Rated Cooling Capa	acity	18,000 BUTH	Heating				56 db(A)
Cooling Capacity (n	nin-max)	7,000-21,000 BUTH					
Rated Heating Capa	acity	19,000 BTUH	Dimensions 8	& Weights			
Heating Capacity (n	nin-max)	8,530-22,600 BTUH	Unit Dimens	ions (LxHx[D)	38.0	x 27.6 x 15.6 -in
SEER/EER		16.0/11.5	Weight (Net	/Shipping)		•	114.4/124.3 LBS
HSPF/COP		8.5/3.1					
			Min. Number o	of Indoor Ur	iits		2
Operating Range			Max. Number	of Indoor U	nits		2
Cooling	(min-max)	0 - 118°F		Ref	rigerant Pipi	ng Data	
		-18 - 48°C	Refrigerant ⁻	Гуре			R410A
Heating	(min-max)	-4 - 75°F	Refrigerant (Charge			56.4 oz
		-20 - 24°C	Additional C	harge Per L	ine Length		0.21-oz/ft
			Connection I	Method			Flared
Power Supply			Factory Cha	rge for Tota	I Line Length		33-ft
Normal Operation	al Voltage	208/230 V, 1 Phase, 60 Hz	Total Refrig	erant Pipe l	_ength		65-ft
Voltage Range		187 - 253 V	Max Refrige	erant Piping	Length to any	Indoor Unit	33-ft
Main Power Wire Size 12-2 AWG		Min Refrigerant Piping Length to any Indoor Unit		ndoor Unit	10-ft		
Interconnecting Cable Wire Size 14-4 AWG			Max Elevation between Indoor Units			33-ft	
MCA		16.0 A	Max Lift from	m Outdoor t	o Indoor Unit		33-ft
MOCP/Breaker Si	ize	25 A	Max Drop fr	om Outdoo	r to Indoor Unit	<u> </u>	33-ft
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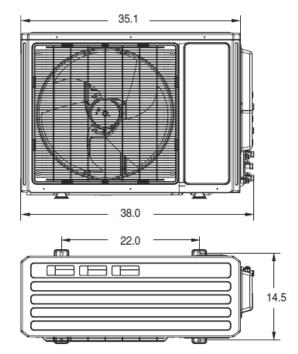


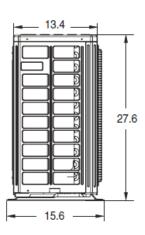


Units: inch

18,000 BTUH MODEL

Model # MULTI18HP230V1CO 18,000 BTUH 230V





Suction/Gas Line Port Size

Port A	3/8-in OD Flared
Port B	3/8-in OD Flared

Liquid Line Port Size

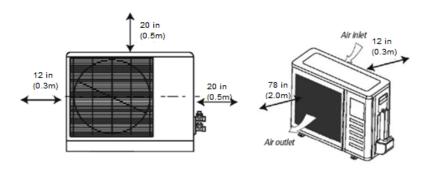
Port A	1/4-in OD Flared
Port B	1/4-in OD Flared

Units: inch (mm)

Factory Supplied Piping Adapters

Adapter	P/N	Qty
3/8 (F) to 1/2 (M)	6643008	2

MINIMUM SPACING REQUIREMENTS



Notes

- 1. Recommended Interconnecting Cable Type Stranded Copper Conductors THHN 600V Unshielded Wire
- 2. Power wiring cable size must comply with applicable national and local codes.
- 3. Test conditions are based on AHRI 210/240.

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INDOOR DUCTLESS DIMENSIONAL SPECIFICATIONS

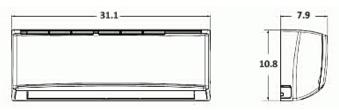






Units: inch

Model # LIVS09HP230V1xH 9,000 BTUH 230V



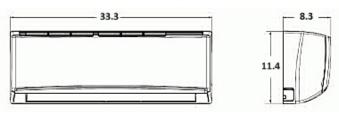
9,000 BTUH MODEL

Liquid Line Valve	1/4-in OD Flared		
Suction/Gas Line Valve	3/8-in OD Flared		
Drain Connector	5/8-in OD		

Rated Cooling	Rated Heating	Max. CFM	Dehum	Min/Max Sound
(BtuH)	(BtuH)		(Pt/Hr)	Power dB(A)**
9,000	9,500	318	1.7	28/43

Note: Size Refrigerant lines based on evaporator port sizes.

Model # LIVS12HP230V1xH 12,000 BTUH 230V



12,000 BTUH MODEL

Liquid Line Valve	1/4-in OD Flared		
Suction/Gas Line Valve	3/8-in OD Flared		
Drain Connector	5/8-in OD		

Rated Cooling	Rated Heating	Max. CFM	Dehum	Min/Max Sound
(BtuH)	(BtuH)		(Pt/Hr)	Power dB(A)**
12,000	13,000	400	3.0	29/45

Note: Size Refrigerant lines based on evaporator port sizes.

^{**}Sound Power ratings are per AHRI 270 and AHRI 350

INDOOR DUCTLESS DIMENSIONAL SPECIFICATIONS

MULTI18HP230V1CO

Units: inch





9,000 AND 12,000 BTUH MODELS

Model # VIR09HP230V1xH 9,000 BTUH 230V Model # VIR12HP230V1xH 12,000 BTUH 230V





9,000 BTU			
Liquid Line Valve 1/4-in OD Flared			
Suction/Gas Line Valve	3/8-in OD Flared		
Drain Connector	5/8-in OD		

12,000 BTU			
Liquid Line Valve	1/4-in OD Flared		
Suction/Gas Line Valve	1/2-in OD Flared		
Drain Connector	5/8-in OD		

Note: Size Refrigerant lines based on evaporator port sizes.

Indoor	Rated Cooling	Rated Heating	Max. CFM	Dehum	Min/Max Sound Power
Capacity Size	(BtuH)	(BtuH)	IVIAX. CFIVI	(Pt/Hr)	dB(A)**
9,000 BTUH	9,000	11,000	377	1.7	29/43
12,000 BTUH	12,000	13,000	400	3.0	29/45

**Sound Power ratings are per AHRI 270 and AHRI 350

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INDOOR DUCTLESS DIMENSIONAL SPECIFICATIONS

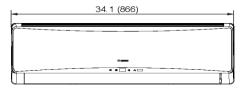
MULTI18HP230V1CO

Units: inch (mm)

9,000 AND 12,000 BTUH MODELS

Model # TERRA09HP230V1AH 9,000 BTUH 230V Model # TERRA12HP230V1AH 12,000 BTUH 230V







Liquid Line Valve	1/4-in OD Flared		
Suction/Gas Line Valve	1/2-in OD Flared		
Drain Connector	5/8-in OD		

Note: Size Refrigerant lines based on evaporator port sizes.

Rated Cooling (BtuH)	Rated Heating (BtuH)	Max. CFM	Dehumid. (Pt/Hr)	Min/Max Sound Power dB(A)**	
9,000	9,800	418	1.9	23/43	
12,000	13,000	453	3	24/44	

**Sound Power ratings are per AHRI 270 and AHRI 350

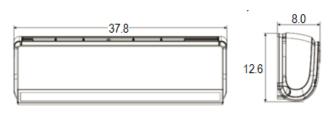
Units: inch





9,000 BTUH MODELS

Model # CROWN09HP230V1xH 9,000 BTUH 230V



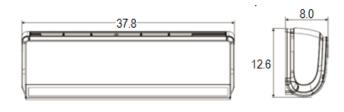
Liquid Line Valve	1/4-in OD Flared
Suction/Gas Line Valve	1/2-in OD Flared
Drain Connector	5/8-in OD

Note: Size Refrigerant lines based on evaporator port sizes.

Rated Cooling	Rated Heating	Max. CFM	Dehumid.	Min/Max Sound
(BtuH)	(BtuH)	IVIAX. CFIVI	(Pt/Hr)	Power dB(A)**
9,000	9,000	412	1.7	22/41

12,000 BTUH MODEL

Model # CROWN12HP230V1xH 12,000 BTUH 230V



Liquid Line Valve	1/4-in OD Flared
Suction/Gas Line Valve	1/2-in OD Flared
Drain Connector	5/8-in OD

Note: Size Refrigerant lines based on evaporator port sizes.

Rated Cooling	Rated Heating	Max. CFM	Dehumid.	Min/Max Sound
(BtuH)	(BtuH)	IVIAX. CFIVI	(Pt/Hr)	Power dB(A)**
12,000	13,000	471	3.0	23/42

COOLING CAPACITY (BTUH)

Indoor Units Combinations	Rated System Capacity	Indoor Unit A			Indoor Unit D	
	(BtuH)	(BtuH)	(BtuH)	(BtuH)	(BtuH)	
9K+9K	18,000	9,000	9,000	NA	NA	
9K+12K	21,000	9,000	12,000	NA	NA	

HEATING CAPACITY (BTUH)

Indoor Units Combinations	Rated System Capacity (BtuH)	Indoor Unit A (BtuH)	Indoor Unit B (BtuH)	Indoor Unit C (BtuH)	Indoor Unit D (BtuH)	
9K+9K	19,000	9,500	9,500	NA	NA	
5.1.	,	-,	- ,			

Capacity data is based on the following conditions:

Cooling Nominal Test Conditions
Indoor: 80°F DB/67°F WB
Outdoor: 95°F DB/75°F WB

Outdoor: 47°F DB/43°F W

COOLING PERFORMANCE

		Indoor Ambient Temperature											
	DB	70°F (21°C)		75°F (24°C)			80°F (27°C)			90°F (32°C)			
	WB		59°F (15°	'C)		63°F (17°	(C)		67°F (19°	(C)	73°F (23°C)		
TC (BtuH)		SC (BtuH)	Input Power (watts)	TC (BtuH)	SC (BtuH)	Input Power (watts)	TC (BtuH)	SC (BtuH)	Input Power (watts)	TC (BtuH)	SC (BtuH)	Input Power (watts)	
	-0.4°F (-18°C)	10,850	8,510	700	12,230	9,600	740	12,930	10,140	770	14,570	11,430	820
	5°F (-15°C)	11,120	8,720	700	12,550	9,840	750	13,420	10,530	770	14,940	11,720	820
	14°F (-10°C)	11,480	9,010	720	12,950	10,160	760	13,690	10,740	790	15,430	12,100	850
þ	23°F (-5°C)	12,580	9,870	720	14,330	11,240	760	15,420	12,090	790	16,960	13,300	840
Outdoor Ambient Temperature (DB)	32°F (0°C)	13,226	10,375	719	15,064	11,814	763	15,489	12,143	789	17,829	13,989	841
r Am	41°F (5°C)	13,905	10,907	756	15,836	12,419	802	16,283	12,766	829	18,743	14,707	884
bien	50°F (10°C)	14,484	11,361	788	16,496	12,937	835	16,961	13,298	864	19,524	15,319	921
ıt Te	59°F (15°C)	15,260	11,970	830	17,380	13,630	880	17,870	14,010	910	20,570	16,140	970
mpe	68°F (20°C)	17,281	13,553	1,221	18,361	14,398	1,260	19,621	15,389	1,337	22,501	17,650	1,430
ratur	77°F (25°C)	17,077	13,395	1,254	18,163	14,246	1,293	19,441	15,249	1,375	22,321	17,504	1,474
(D	86°F (30°C)	16,235	12,733	1,403	17,317	13,584	1,447	18,901	14,824	1,535	21,631	16,963	1,645
B	95°F (35°C)	15,367	12,052	1,507	16,441	12,891	1,551	18,001	14,119	1,650	20,719	16,252	1,766
	104°F (40°C)	14,623	11,469	1,557	15,691	12,307	1,606	17,533	13,754	1,705	19,975	15,662	1,826
	113°F (45°C)	13,873	10,879	1,590	14,941	11,718	1,639	16,789	13,164	1,744	19,225	15,079	1,865
	118°F (48°C)	13,501	10,587	1,606	14,401	11,292	1,656	16,201	12,709	1,760	18,541	14,544	1,881

HEATING PERFORMANCE

		Indoor Ambient Temperature											
	DB 70°F (21°C)			75°F (24°C)			80°F (27°C)			90°F (32°C)			
	WB		59°F (15°	C)		63°F (17°	C)	67°F (19°C)			73°F (23°C)		
	DB	TC (BtuH)	SC (BtuH)	Input Power (watts)	TC (BtuH)	SC (BtuH)	Input Power (watts)	TC (BtuH)	SC (BtuH)	Input Power (watts)	SC (BtuH)	Input Power (watts)	Input Power (watts)
	-4°F (-20°C)	10,260	10,260	1,000	9,970	9,970	1,020	9,780	9,780	1,050	9,530	9,530	1,080
p	0°F (-18°C)	11,121	11,121	1,095	10,800	10,800	1,117	10,598	10,598	1,158	10,319	10,319	1,185
tdoo	5°F (-15°C)	11,428	11,428	1,119	11,099	11,099	1,142	10,891	10,891	1,184	10,606	10,606	1,212
r An	7°F (-14°C)	11,736	11,736	1,144	11,397	11,397	1,167	11,184	11,184	1,210	10,893	10,893	1,238
hbier	17°F (-8°C)	12,597	12,597	1,193	12,229	12,229	1,217	11,997	11,997	1,262	11,683	11,683	1,291
lt Te	28°F (-2°C)	14,230	14,230	1,271	13,856	13,856	1,297	13,458	13,458	1,345	13,298	13,298	1,376
mpe	38°F (3°C)	17,693	17,693	1,463	17,319	17,319	1,492	16,927	16,927	1,548	16,761	16,761	1,583
ratu	47°F (8°C)	19,997	19,997	1,522	19,392	19,392	1,553	19,006	19,006	1,610	18,483	18,483	1,647
Outdoor Ambient Temperature (DB)	57°F (14°C)	20,657	20,657	1,551	20,033	20,033	1,583	19,635	19,635	1,641	19,089	19,089	1,679
B	68°F (20°C)	21,490	21,490	1,600	20,840	20,840	1,640	20,430	20,430	1,700	19,860	19,860	1,740
	77°F (25°C)	21,990	21,990	1,640	21,330	21,330	1,680	20,900	20,900	1,740	20,320	20,320	1,780

LEGEND

DB --- Dry Bulb TC --- Total Net Cooling Capacity (BtuH)

WB --- Wet Bulb SC --- Sensible Capacity (BtuH)

Input Power---(Watts)

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