



Air Conditioning & Heating

COOLING CAPACITY: 24,000 TO 57,000 BTU/H

HEATING CAPACITY: 24,000 TO 57,000 BTU/H

SSZ16

HIGH-EFFICIENCY

SPLIT SYSTEM HEAT PUMP

UP TO 16 SEER & 9.5 HSPF

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Standard Features

- High-efficiency scroll compressor
- High-density foam compressor sound blanket
- SmartShift® technology to ensure quiet, reliable defrost
- Factory-installed bi-flow liquid-line filter drier
- Factory-installed suction-line accumulator
- Compressor short-cycle protection
- 850 RPM condenser fan motor
- Factory-installed compressor crankcase heater
- Factory-installed high-capacity muffler
- High- and low-pressure switches
- Service valves with sweat connections with easy access to gauge ports
- Copper tube / enhanced aluminum fin coil
- Contactor with lug connection
- Ground lug connection
- AHRI Certified; ETL Listed

Cabinet Features

- Goodman® brand sound control top design
- Steel louver coil guard
- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- Top and side compressor and tubing access
- Service ports and controls are accessible while unit is operating
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



* Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the Lifetime Compressor Limited Warranty (good for as long as you own your home) and the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

	S	S	Z	16	036	1	A	A	
	1	2	3	4,5	6,7,8	9	10	11	
Brand	S Goodman® (High Feature Set Model)								Engineering * Minor Revision
Product Category	S Split System								Engineering * Major Revision
Unit Type	X Condenser R-410A Z Heat Pump R-410A						1 208/230 V, 1 Phase, 60 Hz 2 220/240 V, 1 Phase, 50 Hz 3 208/230 V, 3 Phase, 60 Hz 4 460 V, 3 Phase, 60 Hz		Electrical
Efficiency	13 13 SEER 14 14 SEER 16 16 SEER								Nominal Capacity
							018 1½ Tons 024 2 Tons 030 2½ Tons 036/38 3 Tons	042 3½ Tons 048 4 Tons 060 5 Tons	

* Neither used for order entry or inventory management.

	SSZ16 0241A	SSZ16 0361A	SSZ16 0481A	SSZ16 0601B
CAPACITIES AND RATINGS				
Nominal Cooling (BTU/h)	24,000	36,000	48,000	60,000
Nominal Heating (BTU/h)	24,000	36,000	48,000	60,000
Decibels	70	71	72	72
COMPRESSOR				
RLA	13.5	14.1	19.9	28.8
LRA	58.3	77.0	109.0	152.9
CONDENSER FAN MOTOR				
Horsepower	1/6	1/6	1/6	1/6
FLA	1.1	1.0	1.0	1.0
REFRIGERATION SYSTEM				
Refrigerant Line Size ¹				
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	7/8"	1 1/8"	1 1/8"
Refrigerant Connection Size				
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	7/8"	7/8"	7/8"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	153	186	278	273
ELECTRICAL DATA				
Volts-Hz	208/230-60	208/230-60	208/230-60	208/230-60
Minimum Circuit Ampacity ²	17.9	18.6	25.9	37
Max. Overcurrent Protection ³	30	30	40	60
Min / Max Volts	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
EQUIPMENT WEIGHT (LBS)	190	233	305	309
SHIP WEIGHT (LBS)	208	255	327	331

¹ Tested and rated in accordance with AHRI Standard 210/240

² Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

³ Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

NOTES

- Always check the rating plate for electrical data on the unit being installed.
- Installer will need to supply 3/8" to 1 1/8" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil.
THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT NOT THE INDOOR COIL.

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	23.5	24.4	26.7	-	23.0	23.8	26.1	-	22.4	23.2	25.5	-	21.9	22.7	24.8	-	20.8	21.5	23.6	-	19.3	20.0	21.9	-
	S/T	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.89	0.74	0.52	-	0.90	0.75	0.52	-
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-
	kW	1.44	1.47	1.51	-	1.55	1.58	1.63	-	1.64	1.68	1.73	-	1.73	1.77	1.82	-	1.80	1.84	1.90	-	1.86	1.91	1.97	-
	Amps	5.6	5.7	5.9	-	6.0	6.2	6.3	-	6.5	6.7	6.9	-	6.9	7.1	7.3	-	7.4	7.5	7.8	-	7.8	8.0	8.2	-
	Hi PR	213	230	242	-	239	258	272	-	272	293	309	-	310	334	352	-	349	375	396	-	385	415	438	-
	Lo PR	112	119	130	-	118	125	137	-	122	130	142	-	129	137	149	-	135	143	157	-	139	148	162	-
	MBh	22.8	23.7	25.9	-	22.3	23.1	25.3	-	21.8	22.6	24.7	-	21.2	22.0	24.1	-	20.2	20.9	22.9	-	18.7	19.4	21.2	-
	S/T	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
kW	1.43	1.46	1.50	-	1.54	1.57	1.62	-	1.63	1.67	1.72	-	1.72	1.75	1.81	-	1.79	1.83	1.89	-	1.85	1.89	1.95	-	
Amps	5.5	5.7	5.8	-	6.0	6.1	6.3	-	6.5	6.6	6.8	-	6.9	7.0	7.3	-	7.3	7.5	7.7	-	7.7	7.9	8.2	-	
Hi PR	211	227	240	-	237	255	269	-	270	290	306	-	307	330	349	-	345	372	392	-	382	411	434	-	
Lo PR	110	117	128	-	117	124	136	-	121	129	141	-	127	136	148	-	133	142	155	-	138	147	160	-	
MBh	21.1	21.8	23.9	-	20.6	21.3	23.4	-	20.1	20.8	22.8	-	19.6	20.3	22.3	-	18.6	19.3	21.1	-	17.3	17.9	19.6	-	
S/T	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.83	0.69	0.48	-	
ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	
kW	1.39	1.42	1.47	-	1.50	1.53	1.58	-	1.59	1.63	1.68	-	1.67	1.71	1.76	-	1.74	1.78	1.84	-	1.80	1.84	1.90	-	
Amps	5.4	5.5	5.7	-	5.8	5.9	6.1	-	6.3	6.4	6.6	-	6.7	6.9	7.1	-	7.1	7.3	7.5	-	7.5	7.7	7.9	-	
Hi PR	205	220	233	-	230	247	261	-	261	281	297	-	298	320	338	-	335	360	381	-	370	398	421	-	
Lo PR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	143	-	129	138	150	-	134	142	156	-	

75	MBh	23.9	24.6	26.7	28.6	23.4	24.1	26.0	27.9	22.8	23.5	25.4	27.3	22.2	22.9	24.8	26.6	21.1	21.8	23.6	25.3	19.6	20.2	21.8	23.4
	S/T	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.94	0.85	0.64	0.41	0.98	0.87	0.66	0.42	1.00	0.91	0.69	0.44	1.00	0.91	0.69	0.44
	ΔT	20	18	15	10	20	19	15	10	20	19	15	10	20	19	15	11	21	19	15	10	18	17	14	10
	kW	1.45	1.48	1.53	1.58	1.56	1.59	1.64	1.70	1.66	1.69	1.75	1.81	1.74	1.78	1.84	1.90	1.82	1.86	1.92	1.98	1.88	1.92	1.99	2.05
	Amps	5.6	5.8	5.9	6.2	6.1	6.2	6.4	6.6	6.6	6.7	6.9	7.2	7.0	7.2	7.4	7.7	7.4	7.6	7.9	8.1	7.9	8.0	8.3	8.6
	Hi PR	215	232	245	255	242	260	275	287	275	296	312	326	313	337	356	371	352	379	400	418	389	419	442	461
	Lo PR	113	120	131	139	119	127	138	147	124	132	144	153	130	138	151	161	136	145	158	168	141	150	164	174
	MBh	23.2	23.9	25.9	27.8	22.7	23.4	25.3	27.1	22.1	22.8	24.7	26.5	21.6	22.2	24.1	25.8	20.5	21.1	22.9	24.5	19.0	19.6	21.2	22.7
	S/T	0.85	0.76	0.57	0.37	0.88	0.79	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.97	0.87	0.66	0.42
	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
kW	1.44	1.47	1.51	1.56	1.55	1.58	1.63	1.68	1.64	1.68	1.73	1.79	1.73	1.77	1.83	1.89	1.80	1.84	1.90	1.97	1.86	1.91	1.97	2.04	
Amps	5.6	5.7	5.9	6.1	6.0	6.2	6.3	6.6	6.5	6.7	6.9	7.1	6.9	7.1	7.3	7.6	7.4	7.5	7.8	8.1	7.8	8.0	8.2	8.5	
Hi PR	213	230	242	253	239	258	272	284	272	293	309	323	310	334	352	368	349	375	396	413	385	415	438	457	
Lo PR	112	119	130	138	118	125	137	146	122	130	142	152	129	137	149	159	135	143	157	167	139	148	162	173	
MBh	21.4	22.1	23.9	25.6	20.9	21.6	23.3	25.0	20.4	21.0	22.8	24.4	19.9	20.5	22.2	23.8	18.9	19.5	21.1	22.7	17.5	18.1	19.6	21.0	
S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.41	0.94	0.84	0.64	0.41	
ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10	
kW	1.40	1.43	1.48	1.53	1.51	1.54	1.59	1.64	1.60	1.64	1.69	1.75	1.69	1.72	1.78	1.84	1.76	1.80	1.85	1.92	1.82	1.86	1.92	1.98	
Amps	5.4	5.6	5.7	5.9	5.9	6.0	6.2	6.4	6.3	6.5	6.7	6.9	6.8	6.9	7.1	7.4	7.2	7.3	7.6	7.9	7.6	7.8	8.0	8.3	
Hi PR	207	223	235	245	232	250	264	275	264	284	300	313	301	324	342	357	338	364	385	401	374	402	425	443	
Lo PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167	

IDB: Entering Indoor Dry Bulb Temperature

High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (compressor + fan)

kW = Total system power

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	24.3	24.9	26.6	28.4	23.8	24.3	26.0	27.7	23.2	23.7	25.3	27.1	22.6	23.1	24.7	26.4	21.5	22.0	23.5	25.1	19.9	20.4	21.8	23.3
	S/T	1.00	0.91	0.74	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.63	1.00	1.00	0.85	0.64
	ΔT	23	21	18	15	22	22	19	15	22	22	19	15	21	22	19	15	20	21	19	15	19	19	17	14
	kW	1.46	1.49	1.54	1.59	1.57	1.61	1.66	1.71	1.67	1.71	1.76	1.82	1.76	1.80	1.86	1.92	1.83	1.87	1.93	2.00	1.90	1.94	2.00	2.07
	Amps	5.7	5.8	6.0	6.2	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.2	7.1	7.2	7.5	7.7	7.5	7.7	7.9	8.2	7.9	8.1	8.4	8.7
	Hi PR	218	234	247	258	244	263	278	289	278	299	316	329	316	340	360	375	356	383	404	422	393	423	447	466
	Lo PR	114	121	132	141	120	128	140	149	125	133	145	155	131	140	152	162	138	146	160	170	142	151	165	176
	MBh	23.6	24.1	25.8	27.6	23.1	23.6	25.2	26.9	22.5	23.0	24.6	26.3	22.0	22.5	24.0	25.7	20.9	21.3	22.8	24.4	19.3	19.8	21.1	22.6
	S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	0.99	0.93	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.99	0.81	0.60	1.00	1.00	0.82	0.61
	ΔT	23	22	19	15	23	22	19	16	23	22	20	16	23	23	20	16	22	22	19	15	20	21	18	14
kW	1.45	1.48	1.53	1.58	1.56	1.59	1.64	1.70	1.66	1.69	1.75	1.81	1.74	1.78	1.84	1.90	1.82	1.86	1.92	1.98	1.88	1.92	1.99	2.05	
Amps	5.6	5.8	5.9	6.2	6.1	6.2	6.4	6.6	6.6	6.7	6.9	7.2	7.0	7.2	7.4	7.7	7.4	7.6	7.9	8.1	7.9	8.0	8.3	8.6	
Hi PR	216	232	245	255	242	260	275	287	275	296	313	326	313	337	356	371	352	379	400	418	389	419	442	461	
Lo PR	113	120	131	139	119	127	138	147	124	132	144	153	130	138	151	161	136	145	158	168	141	150	164	174	
MBh	21.8	22.3	23.8	25.5	21.3	21.8	23.3	24.9	20.8	21.3	22.7	24.3	20.3	20.7	22.2	23.7	19.3	19.7	21.0	22.5	17.9	18.2	19.5	20.8	
S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.02	0.96	0.78	0.58	1.03	0.97	0.79	0.59	
ΔT	23	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15	
kW	1.42	1.45	1.49	1.54	1.52	1.56	1.60	1.66	1.62	1.65	1.71	1.76	1.70	1.74	1.79	1.85	1.77	1.81	1.87	1.93	1.83	1.87	1.94	2.00	
Amps	5.5	5.6	5.8	6.0	5.9	6.0	6.2	6.5	6.4	6.5	6.8	7.0	6.8	7.0	7.2	7.5	7.2	7.4	7.6	7.9	7.6	7.8	8.1	8.4	
Hi PR	209	225	238	248	235	252	267	278	267	287	303	316	304	327	345	360	342	368	388	405	378	406	429	448	
Lo PR	109	116	127	135	115	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169	

85	MBh	24.8	25.2	26.4	28.2	24.2	24.7	25.8	27.6	23.6	24.1	25.2	26.9	23.0	23.5	24.6	26.2	21.9	22.3	23.4	24.9	20.3	20.7	21.6	23.1
	S/T	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.79	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.83
	ΔT	23	23	22	19	23	23	22	19	22	22	22	19	22	22	22	19	20	21	22	19	19	19	20	18
	kW	1.47	1.50	1.55	1.60	1.59	1.62	1.67	1.73	1.69	1.72	1.78	1.84	1.77	1.81	1.87	1.93	1.85	1.89	1.95	2.02	1.91	1.95	2.02	2.09
	Amps	5.7	5.9	6.0	6.3	6.2	6.3	6.5	6.7	6.7	6.8	7.1	7.3	7.1	7.3	7.5	7.8	7.6	7.7	8.0	8.3	8.0	8.2	8.5	8.8
	Hi PR	220	237	250	261	247	265	280	292	281	302	319	333	320	344	363	379	359	387	408	426	397	427	451	471
	Lo PR	115	122	134	142	121	129	141	150	126	134	147	156	133	141	154	164	139	148	161	172	144	153	167	178
	MBh	24.0	24.5	25.7	27.4	23.5	23.9	25.1	26.8	22.9	23.4	24.5	26.1	22.4	22.8	23.9	25.5	21.2	21.7	22.7	24.2	19.7	20.1	21.0	22.4
	S/T	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.78	1.00	1.00	0.97	0.79
	ΔT	25	24	23	20	25	25	23	20	24	25	23	20	24	24	23	20	22	23	23	20	21	21	22	19
kW	1.46	1.49	1.54	1.59	1.57	1.61	1.66	1.71	1.67	1.71	1.76	1.82	1.76	1.80	1.86	1.92	1.83	1.87	1.93	2.00	1.90	1.94	2.00	2.07	
Amps	5.7	5.8	6.0	6.2	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.2	7.1	7.2	7.5	7.7	7.5	7.7	7.9	8.2	7.9	8.1	8.4	8.7	
Hi PR	218	234	247	258	244	263	278	289	278	299	316	329	316	340	360	375	356	383	404	422	393	423	447	466	
Lo PR	114	121	132	141	120	128	140	149	125	133	145	155	131	140	152	162	138	146	160	170	142	151	165	176	
MBh	22.2	22.6	23.7	25.3	21.7	22.1	23.1	24.7	21.2	21.6	22.6	24.1	20.6	21.0	22.0	23.5	19.6	20.0	20.9	22.3	18.2	18.5	19.4	20.7	
S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76	
ΔT	25	25	23	20	25	25	24	20	25	25	24	21	25	25	24	21	24	24	23	20	22	22	22	19	
kW	1.43	1.46	1.50	1.55	1.54	1.57	1.62	1.67	1.63	1.67	1.72	1.78	1.72	1.75	1.81	1.87	1.79	1.83	1.89	1.95	1.85	1.89	1.95	2.02	
Amps	5.5	5.7	5.8	6.0	6.0	6.1	6.3	6.5	6.5	6.6	6.8	7.1	6.9	7.0	7.3	7.5	7.3	7.5	7.7	8.0	7.7	7.9	8.2	8.5	
Hi PR	211	227	240	250	237	255	269	281	269	290	306	319	307	330	349	364	345	372	392	409	381	410	433	452	
Lo PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	157	133	142	155	165	138	147	160	171	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (compressor + fan)

IDB		OUTDOOR AMBIENT TEMPERATURE																											
		65°F				75°F				85°F				95°F				105°F				115°F							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
		ENTERING INDOOR WET BULB TEMPERATURE																											
AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
1350	MBh	33.9	35.1	38.5	-	32.3	33.5	36.7	-	31.5	32.7	35.8	-	30.0	31.1	34.0	-	27.8	28.8	31.5	-	27.8	28.8	31.5	-				
	S/T	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-	0.87	0.73	0.50	-				
	ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-	16	14	11	-				
	kW	1.98	2.03	2.09	-	2.14	2.19	2.26	-	2.28	2.33	2.40	-	2.50	2.56	2.64	-	2.59	2.65	2.74	-	2.59	2.65	2.74	-				
	Amps	7.7	7.9	8.2	-	8.3	8.5	8.8	-	9.0	9.3	9.6	-	10.3	10.5	10.9	-	10.9	11.1	11.5	-	10.9	11.1	11.5	-				
70	Hi PR	217	233	246	-	243	261	276	-	276	297	314	-	315	339	358	-	354	381	402	-	391	421	445	-				
	Lo PR	108	115	126	-	114	122	133	-	119	126	138	-	125	133	145	-	131	139	152	-	135	144	157	-				
	MBh	32.9	34.1	37.4	-	32.2	33.3	36.5	-	31.4	32.5	35.6	-	30.6	31.7	34.8	-	29.1	30.2	33.0	-	26.9	27.9	30.6	-				
	S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-				
	ΔT	18	16	12	-	18	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-				
1050	kW	1.92	1.96	2.02	-	2.07	2.11	2.18	-	2.20	2.25	2.32	-	2.32	2.37	2.45	-	2.42	2.47	2.55	-	2.50	2.56	2.64	-				
	Amps	7.4	7.6	7.9	-	8.0	8.2	8.5	-	8.7	8.9	9.2	-	9.3	9.5	9.8	-	9.9	10.1	10.5	-	10.5	10.7	11.1	-				
	Hi PR	208	224	236	-	233	251	265	-	265	286	302	-	302	325	343	-	340	366	386	-	376	404	427	-				
	Lo PR	104	111	121	-	110	117	127	-	114	121	132	-	120	127	139	-	126	134	146	-	130	138	151	-				
	MBh	30.4	31.5	34.5	-	29.7	30.8	33.7	-	29.0	30.0	32.9	-	28.3	29.3	32.1	-	26.9	27.8	30.5	-	24.9	25.8	28.2	-				

1350	MBh	34.5	35.5	38.4	41.2	33.7	34.7	37.5	40.3	32.9	33.8	36.6	39.3	32.1	33.0	35.7	38.4	30.5	31.4	34.0	36.4	28.2	29.1	31.5	33.8
	S/T	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.88	0.67	0.43	0.99	0.89	0.67	0.43
	ΔT	20	19	15	11	21	19	15	11	21	19	15	11	21	20	16	11	20	19	15	11	19	18	14	10
	kW	2.00	2.04	2.11	2.18	2.16	2.20	2.28	2.35	2.29	2.35	2.42	2.51	2.42	2.47	2.55	2.64	2.52	2.58	2.66	2.76	2.61	2.67	2.76	2.86
	Amps	7.8	8.0	8.2	8.5	8.4	8.6	8.9	9.2	9.1	9.3	9.6	10.0	9.7	10.0	10.3	10.7	10.4	10.6	11.0	11.4	11.0	11.2	11.6	12.0
75	Hi PR	219	235	249	259	245	264	279	291	279	300	317	331	318	342	361	377	358	385	406	424	395	425	449	468
	Lo PR	109	116	127	135	115	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169
	MBh	33.5	34.5	37.3	40.0	32.7	33.7	36.4	39.1	31.9	32.9	35.6	38.2	31.1	32.1	34.7	37.2	29.6	30.5	33.0	35.4	27.4	28.2	30.5	32.8
	S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.94	0.85	0.64	0.41
	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
1050	kW	1.98	2.03	2.09	2.16	2.14	2.19	2.26	2.33	2.28	2.33	2.40	2.48	2.40	2.45	2.53	2.62	2.50	2.56	2.64	2.73	2.59	2.65	2.74	2.83
	Amps	7.7	7.9	8.2	8.5	8.3	8.5	8.8	9.1	9.0	9.3	9.6	9.9	9.6	9.9	10.2	10.6	10.3	10.5	10.9	11.3	10.9	11.1	11.5	11.9
	Hi PR	217	233	246	257	243	261	276	288	276	297	314	328	315	339	358	373	354	381	402	420	391	421	445	464
	Lo PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167
	MBh	30.9	31.8	34.4	37.0	30.2	31.1	33.6	36.1	29.5	30.3	32.8	35.2	28.7	29.6	32.0	34.4	27.3	28.1	30.4	32.7	25.3	26.0	28.2	30.3

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (compressor + fan)

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE																							
		65°F						75°F						85°F						95°F						105°F						115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	MBh	46.5	48.2	52.9	-	45.5	47.1	51.6	-	44.4	46.0	50.4	-	43.3	44.9	49.2	-	41.1	42.6	46.7	-	38.1	39.5	43.3	-	41.1	42.6	46.7	-	38.1	39.5	43.3	-				
	S/T	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.47	-	0.85	0.71	0.49	-	0.88	0.73	0.51	-	0.89	0.74	0.51	-	0.88	0.73	0.51	-	0.89	0.74	0.51	-				
	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	13	-	18	15	12	-	19	16	13	-	18	15	12	-				
	kW	2.68	2.73	2.82	-	2.88	2.94	3.04	-	3.06	3.13	3.23	-	3.22	3.29	3.40	-	3.35	3.43	3.54	-	3.47	3.55	3.66	-	3.35	3.43	3.54	-	3.47	3.55	3.66	-				
	Amps	10.2	10.4	10.8	-	11.0	11.3	11.6	-	11.9	12.2	12.6	-	12.8	13.1	13.5	-	13.6	13.9	14.4	-	14.4	14.8	15.3	-	13.6	13.9	14.4	-	14.4	14.8	15.3	-				
	Hi PR	213	229	242	-	239	257	271	-	272	292	309	-	309	333	351	-	348	374	395	-	384	414	437	-	348	374	395	-	384	414	437	-				
	Lo PR	110	117	128	-	116	124	135	-	121	128	140	-	127	135	147	-	133	141	154	-	137	146	160	-	133	141	154	-	137	146	160	-				
	MBh	45.2	46.8	51.3	-	44.1	45.7	50.1	-	43.1	44.7	48.9	-	42.0	43.6	47.7	-	39.9	41.4	45.4	-	37.0	38.3	42.0	-	39.9	41.4	45.4	-	37.0	38.3	42.0	-				
	S/T	0.74	0.61	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.48	-	0.85	0.71	0.49	-	0.84	0.70	0.48	-	0.85	0.71	0.49	-				
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-	20	17	13	-	19	16	12	-				
kW	2.66	2.71	2.80	-	2.86	2.92	3.01	-	3.04	3.10	3.20	-	3.19	3.26	3.37	-	3.33	3.40	3.51	-	3.44	3.52	3.63	-	3.33	3.40	3.51	-	3.44	3.52	3.63	-					
Amps	10.1	10.3	10.7	-	10.9	11.2	11.5	-	11.8	12.1	12.5	-	12.7	13.0	13.4	-	13.5	13.8	14.3	-	14.3	14.6	15.1	-	13.5	13.8	14.3	-	14.3	14.6	15.1	-					
Hi PR	211	227	239	-	236	254	269	-	269	289	306	-	306	330	348	-	345	371	391	-	381	410	433	-	345	371	391	-	381	410	433	-					
Lo PR	109	116	126	-	115	122	134	-	119	127	139	-	126	134	146	-	132	140	153	-	136	145	158	-	132	140	153	-	136	145	158	-					
MBh	41.7	43.2	47.4	-	40.7	42.2	46.3	-	39.8	41.2	45.2	-	38.8	40.2	44.1	-	36.9	38.2	41.9	-	34.1	35.4	38.8	-	36.9	38.2	41.9	-	34.1	35.4	38.8	-					
S/T	0.71	0.59	0.41	-	0.74	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-					
ΔT	20	17	13	-	20	18	13	-	20	18	13	-	20	18	13	-	20	17	13	-	19	16	12	-	20	17	13	-	19	16	12	-					
kW	2.60	2.65	2.73	-	2.79	2.85	2.94	-	2.96	3.03	3.12	-	3.11	3.18	3.28	-	3.24	3.31	3.42	-	3.35	3.43	3.54	-	3.24	3.31	3.42	-	3.35	3.43	3.54	-					
Amps	9.8	10.0	10.4	-	10.6	10.9	11.2	-	11.5	11.8	12.2	-	12.3	12.6	13.0	-	13.1	13.4	13.9	-	13.9	14.2	14.7	-	13.1	13.4	13.9	-	13.9	14.2	14.7	-					
Hi PR	204	220	232	-	229	247	261	-	261	281	296	-	297	320	338	-	334	360	380	-	369	397	420	-	334	360	380	-	369	397	420	-					
Lo PR	106	112	123	-	112	119	130	-	116	123	135	-	122	130	141	-	128	136	148	-	132	140	153	-	128	136	148	-	132	140	153	-					

75	MBh	47.3	48.7	52.8	56.6	46.2	47.6	51.5	55.3	45.1	46.5	50.3	54.0	44.0	45.3	49.1	52.7	41.8	43.1	46.6	50.0	38.7	39.9	43.2	46.3	41.8	43.1	46.6	50.0	38.7	39.9	43.2	46.3	
	S/T	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.93	0.83	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.89	0.68	0.44	1.00	0.90	0.68	0.44	1.00	0.89	0.68	0.44	1.00	0.90	0.68	0.44	
	ΔT	22	20	17	11	22	20	17	12	22	20	17	12	22	21	17	12	22	22	21	17	11	20	19	16	11	22	21	17	11	20	19	16	11
	kW	2.70	2.76	2.84	2.93	2.90	2.97	3.06	3.16	3.26	3.09	3.15	3.25	3.36	3.25	3.32	3.42	3.54	3.38	3.46	3.57	3.69	3.50	3.58	3.69	3.82	3.38	3.46	3.57	3.69	3.50	3.58	3.69	3.82
	Amps	10.3	10.5	10.9	11.3	11.1	11.4	11.7	12.2	12.2	12.1	12.4	12.8	13.2	12.9	13.2	13.6	14.2	13.7	14.1	14.5	15.1	14.5	14.9	15.4	16.0	13.7	14.1	14.5	15.1	14.5	14.9	15.4	16.0
	Hi PR	215	231	244	255	241	260	274	286	286	274	295	312	325	312	336	355	370	352	378	399	417	388	418	441	460	352	378	399	417	388	418	441	460
	Lo PR	111	118	129	137	117	125	136	145	145	122	130	142	151	128	136	149	158	134	143	156	166	139	148	161	172	134	143	156	166	139	148	161	172
	MBh	46.0	47.3	51.2	55.0	44.9	46.2	50.0	53.7	53.7	43.8	45.1	48.8	52.4	42.8	44.0	47.6	51.1	40.6	41.8	45.3	48.6	37.6	38.7	41.9	45.0	40.6	41.8	45.3	48.6	37.6	38.7	41.9	45.0
	S/T	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42	
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	23	18	12	23	23	21	17	12	21	20	16	11	23	21	17	12	21	20	16	11
kW	2.68	2.73	2.82	2.91	2.88	2.94	3.04	3.13	3.23	3.06	3.13	3.23	3.33	3.22	3.29	3.40	3.51	3.35	3.43	3.54	3.66	3.47	3.55	3.66	3.79	3.35	3.43	3.54	3.66	3.47	3.55	3.66	3.79	
Amps	10.2	10.4	10.8	11.2	11.0	11.3	11.6	12.1	12.1	11.9	12.2	12.6	13.1	12.8	13.1	13.5	14.0	13.6	13.9	14.4	14.9	14.4	14.8	15.3	15.8	13.6	13.9	14.4	14.9	14.4	14.8	15.3	15.8	
Hi PR	213	229	242	252	239	257	271	283	283	272	292	309	322	309	333	352	367	348	375	395	412	385	414	437	456	348	375	395	412	385	414	437	456	
Lo PR	110	117	128	136	116	124	135	144	144	121	128	140	149	127	135	147	157	133	141	154	164	137	146	160	170	133	141	154	164	137	146	160	170	
MBh	42.4	43.7	47.3	50.7	41.4	42.7	46.2	49.6	49.6	40.4	41.6	45.1	48.4	39.5	40.6	44.0	47.2	37.5	38.6	41.8	44.8	34.7	35.8	38.7	41.5	37.5	38.6	41.8	44.8	34.7	35.8	38.7	41.5	
S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40		
ΔT	23	21	18	12	23	22	18	12	24	22	18	12	24	24	18	12	24	23	21	18	12	22	20	16	11	23	21	18	12	22	20	16	11	
kW	2.62	2.67	2.75	2.84	2.81	2.87	2.96	3.06	3.16	2.99	3.05	3.15	3.25	3.14	3.21	3.31	3.42	3.27	3.34	3.45	3.57	3.38	3.46	3.57	3.69	3.27	3.34	3.45	3.57	3.38	3.46	3.57	3.69	
Amps	9.9	10.1	10.5	10.9	10.7	11.0	11.3	11.7	12.2	11.6	11.9	12.3	12.8	12.4	12.7	13.1	13.6	13.2	13.5	14.0	14.5	14.0	14.3	14.8	15.4	13.2	13.5	14.0	14.5	14.0	14.3	14.8	15.4	
Hi PR	206	222	235	245	232	249	263	275	275	263	284	299	312	300	323	341	356	338	363	384	400	373	401	424	442	338	363	384	400	373	401	424	442	
Lo PR	107	113	124	132	113	120	131	139	139	117	125	136	145	123	131	143	152	129	137	150	159	133	142	155	165	129	137	150	159	133	142	155	165	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (compressor + fan)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	48.2	49.2	52.6	56.2	47.1	48.1	51.4	54.9	45.9	46.9	50.1	53.6	44.8	45.8	48.9	52.3	42.6	43.5	46.5	49.7	39.4	40.3	43.1	46.0
	S/T	0.96	0.90	0.73	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63
	ΔT	24	23	20	16	25	24	21	16	24	24	21	16	24	24	21	17	22	23	20	16	21	21	19	15
	kW	2.72	2.78	2.87	2.96	2.93	2.99	3.09	3.19	3.11	3.18	3.28	3.39	3.27	3.34	3.45	3.57	3.41	3.49	3.60	3.72	3.53	3.61	3.73	3.85
	Amps	10.4	10.6	11.0	11.4	11.2	11.5	11.8	12.3	12.2	12.5	12.9	13.4	13.0	13.3	13.8	14.3	13.8	14.2	14.7	15.2	14.7	15.0	15.5	16.1
	Hi PR	217	234	247	257	244	262	277	289	277	298	315	328	316	340	359	374	355	382	403	421	392	422	446	465
	Lo PR	112	119	130	139	118	126	138	147	123	131	143	152	129	138	150	160	136	144	157	168	140	149	163	173
	MBh	46.8	47.8	51.1	54.6	45.7	46.7	49.9	53.3	44.6	45.6	48.7	52.0	43.5	44.5	47.5	50.8	41.3	42.2	45.1	48.2	38.3	39.1	41.8	44.7
	S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.91	0.74	0.56	1.00	0.94	0.77	0.57	1.00	0.98	0.80	0.60	1.00	0.99	0.80	0.60
	ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	25	25	21	17	23	23	20	16
kW	2.70	2.76	2.84	2.93	2.91	2.97	3.06	3.16	3.09	3.15	3.25	3.36	3.25	3.32	3.43	3.54	3.38	3.46	3.57	3.69	3.50	3.58	3.69	3.82	
Amps	10.3	10.5	10.9	11.3	11.1	11.4	11.7	12.2	12.1	12.4	12.8	13.2	12.9	13.2	13.6	14.2	13.7	14.1	14.5	15.1	14.5	14.9	15.4	16.0	
Hi PR	215	231	244	255	241	260	274	286	274	295	312	325	312	336	355	370	352	378	399	417	388	418	441	460	
Lo PR	111	118	129	137	117	125	136	145	122	130	142	151	128	136	149	158	134	143	156	166	139	148	161	172	
MBh	43.2	44.1	47.1	50.4	42.2	43.1	46.0	49.2	41.2	42.1	44.9	48.0	40.2	41.0	43.8	46.9	38.2	39.0	41.7	44.5	35.3	36.1	38.6	41.2	
S/T	0.88	0.83	0.68	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.94	0.77	0.57	1.02	0.95	0.78	0.58	
ΔT	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	18	26	25	22	17	24	23	20	16	
kW	2.64	2.69	2.77	2.86	2.84	2.90	2.99	3.08	3.01	3.08	3.17	3.28	3.17	3.24	3.34	3.45	3.30	3.37	3.48	3.60	3.41	3.49	3.60	3.72	
Amps	10.0	10.2	10.6	11.0	10.8	11.1	11.4	11.8	11.7	12.0	12.4	12.9	12.5	12.8	13.3	13.8	13.3	13.7	14.1	14.7	14.1	14.5	15.0	15.5	
Hi PR	209	224	237	247	234	252	266	277	266	286	302	315	303	326	344	359	341	367	388	404	377	405	428	447	
Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	156	167	

85	MBh	49.0	50.0	52.3	55.8	47.9	48.8	51.1	54.5	46.7	47.6	49.9	53.2	45.6	46.5	48.7	51.9	43.3	44.2	46.2	49.3	40.1	40.9	42.8	45.7
	S/T	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.93	0.76	1.00	1.00	0.96	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82
	ΔT	26	26	24	21	25	26	25	21	25	25	25	21	24	25	25	21	23	23	24	21	21	22	23	20
	kW	2.74	2.80	2.89	2.98	2.95	3.02	3.11	3.21	3.14	3.20	3.31	3.42	3.30	3.37	3.48	3.60	3.44	3.51	3.63	3.75	3.56	3.64	3.76	3.88
	Amps	10.5	10.7	11.1	11.5	11.3	11.6	12.0	12.4	12.3	12.6	13.0	13.5	13.1	13.4	13.9	14.4	14.0	14.3	14.8	15.4	14.8	15.2	15.7	16.3
	Hi PR	219	236	249	260	246	265	280	292	280	301	318	332	319	343	362	378	359	386	408	425	396	426	450	470
	Lo PR	113	121	132	140	120	127	139	148	124	132	144	154	131	139	152	162	137	146	159	169	142	151	164	175
	MBh	47.6	48.5	50.8	54.2	46.5	47.4	49.6	52.9	45.4	46.3	48.4	51.7	44.3	45.1	47.3	50.4	42.1	42.9	44.9	47.9	39.0	39.7	41.6	44.4
	S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
	ΔT	27	27	25	22	27	27	26	22	27	27	26	22	26	27	26	22	25	25	25	22	23	24	24	21
kW	2.72	2.78	2.87	2.96	2.93	2.99	3.09	3.19	3.11	3.18	3.28	3.39	3.27	3.34	3.45	3.57	3.41	3.49	3.60	3.72	3.53	3.61	3.73	3.85	
Amps	10.4	10.6	11.0	11.4	11.2	11.5	11.8	12.3	12.2	12.5	12.9	13.4	13.0	13.3	13.8	14.3	13.8	14.2	14.7	15.2	14.7	15.0	15.5	16.1	
Hi PR	217	234	247	257	244	262	277	289	277	298	315	328	316	340	359	374	355	382	403	421	392	422	446	465	
Lo PR	112	119	130	139	118	126	138	147	123	131	143	152	129	138	150	160	136	144	157	168	140	149	163	173	
MBh	43.9	44.8	46.9	50.0	42.9	43.7	45.8	48.9	41.9	42.7	44.7	47.7	40.9	41.7	43.6	46.5	38.8	39.6	41.4	44.2	36.0	36.7	38.4	41.0	
S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75	
ΔT	28	27	26	22	28	28	26	22	28	28	26	23	28	28	26	23	26	27	26	22	24	25	24	21	
kW	2.66	2.71	2.80	2.89	2.86	2.92	3.01	3.11	3.04	3.10	3.20	3.30	3.19	3.26	3.37	3.48	3.32	3.40	3.51	3.63	3.44	3.52	3.63	3.75	
Amps	10.1	10.3	10.7	11.1	10.9	11.2	11.5	12.0	11.8	12.1	12.5	13.0	12.6	13.0	13.4	13.9	13.5	13.8	14.3	14.8	14.3	14.6	15.1	15.7	
Hi PR	211	227	239	250	236	254	269	280	269	289	305	319	306	329	348	363	344	371	391	408	381	410	432	451	
Lo PR	109	116	126	135	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	163	136	145	158	168	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHR1 (TVA) conditions
 Amps = outdoor unit amps (compressor + fan)
 kW = Total system power

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
2000	MBh	55.9	57.9	63.4	-	54.6	56.5	62.0	-	53.3	55.2	60.5	-	52.0	53.9	59.0	-	49.4	51.2	56.1	-	45.7	47.4	51.9	-	
	S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	
	ΔT	19	16	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-	
	kW	3.55	3.62	3.74	-	3.82	3.90	4.02	-	4.05	4.14	4.27	-	4.26	4.36	4.50	-	4.44	4.54	4.68	-	4.59	4.69	4.85	-	
	Amps	13.9	14.2	14.7	-	15.0	15.4	15.9	-	16.3	16.7	17.2	-	17.4	17.8	18.4	-	18.5	19.0	19.6	-	19.6	20.1	20.8	-	
	Hi PR	218	234	248	-	244	263	278	-	278	299	316	-	317	341	360	-	356	383	405	-	394	424	447	-	
	Lo PR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	139	-	126	134	146	-	130	138	151	-	
	70	MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.81	0.68	0.47	-
		ΔT	20	17	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-
		kW	3.52	3.60	3.71	-	3.79	3.87	3.99	-	4.02	4.11	4.24	-	4.23	4.32	4.46	-	4.40	4.50	4.65	-	4.55	4.65	4.81	-
		Amps	13.8	14.1	14.6	-	14.9	15.2	15.7	-	16.1	16.5	17.1	-	17.3	17.7	18.3	-	18.4	18.8	19.4	-	19.4	19.9	20.6	-
Hi PR		216	232	245	-	242	261	275	-	275	296	313	-	314	337	356	-	353	380	401	-	390	419	443	-	
Lo PR		103	110	120	-	109	116	126	-	113	120	131	-	119	126	138	-	125	132	145	-	129	137	150	-	
1600		MBh	53.4	55.4	60.7	-	52.2	54.1	59.2	-	50.9	52.8	57.8	-	49.7	51.5	56.4	-	47.2	48.9	53.6	-	43.7	45.3	49.7	-
		S/T	0.68	0.57	0.39	-	0.71	0.59	0.41	-	0.72	0.61	0.42	-	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-
		ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	20	17	13	-
		kW	3.48	3.55	3.66	-	3.74	3.82	3.94	-	3.97	4.05	4.18	-	4.17	4.26	4.40	-	4.34	4.44	4.58	-	4.49	4.59	4.74	-
		Amps	13.6	13.9	14.3	-	14.6	15.0	15.5	-	15.9	16.3	16.8	-	17.0	17.4	18.0	-	18.1	18.5	19.1	-	19.1	19.6	20.3	-
	Hi PR	212	228	241	-	238	256	270	-	271	291	308	-	308	332	350	-	347	373	394	-	383	412	435	-	
	Lo PR	101	108	118	-	107	114	124	-	111	118	129	-	117	124	136	-	122	130	142	-	127	135	147	-	
	2000	MBh	56.8	58.5	63.3	67.9	55.5	57.1	61.8	66.4	54.2	55.8	60.4	64.8	52.8	54.4	58.9	63.2	50.2	51.7	55.9	60.0	46.5	47.9	51.8	55.6
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.65	0.42
		ΔT	22	20	17	11	22	21	17	12	22	21	17	12	22	21	17	12	22	20	17	12	21	19	16	11
		kW	3.58	3.65	3.77	3.89	3.85	3.93	4.05	4.19	4.09	4.18	4.31	4.45	4.30	4.39	4.53	4.68	4.48	4.58	4.72	4.88	4.63	4.73	4.89	5.05
		Amps	14.0	14.4	14.8	15.4	15.1	15.5	16.0	16.6	16.4	16.8	17.4	18.1	17.6	18.0	18.6	19.3	18.7	19.2	19.8	20.5	19.8	20.3	21.0	21.8
Hi PR		220	237	250	261	247	266	281	293	281	302	319	333	320	344	364	379	360	387	409	427	398	428	452	471	
Lo PR		105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	148	157	131	140	153	163	
75		MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	52.8	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.83	0.62	0.40
		ΔT	23	21	18	12	24	22	18	12	24	22	18	12	24	22	18	12	23	22	18	12	22	20	17	11
		kW	3.55	3.62	3.74	3.85	3.82	3.90	4.02	4.15	4.05	4.14	4.27	4.41	4.26	4.36	4.50	4.64	4.44	4.54	4.69	4.84	4.59	4.69	4.85	5.01
		Amps	13.9	14.2	14.7	15.2	15.0	15.4	15.9	16.5	16.3	16.7	17.2	17.9	17.4	17.8	18.4	19.1	18.5	19.0	19.6	20.4	19.6	20.1	20.8	21.6
	Hi PR	218	235	248	258	245	263	278	290	278	299	316	330	317	341	360	375	356	383	405	422	394	424	447	467	
	Lo PR	104	111	121	129	110	117	128	136	114	122	133	141	120	128	139	148	126	134	146	156	130	138	151	161	
	1600	MBh	54.3	55.9	60.5	65.0	53.1	54.6	59.1	63.5	51.8	53.3	57.7	62.0	50.5	52.0	56.3	60.4	48.0	49.4	53.5	57.4	44.5	45.8	49.6	53.2
		S/T	0.78	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.89	0.80	0.60	0.39
		ΔT	24	22	18	13	24	23	18	13	25	23	18	13	25	23	19	13	24	22	18	13	23	21	17	12
		kW	3.50	3.58	3.69	3.80	3.77	3.85	3.97	4.09	4.00	4.08	4.22	4.35	4.20	4.30	4.43	4.58	4.38	4.47	4.62	4.77	4.53	4.63	4.78	4.94
		Amps	13.7	14.0	14.5	15.0	14.8	15.1	15.6	16.2	16.0	16.4	17.0	17.6	17.1	17.6	18.1	18.8	18.2	18.7	19.3	20.0	19.3	19.8	20.5	21.2
Hi PR		214	231	243	254	240	259	273	285	273	294	311	324	311	335	354	369	350	377	398	415	387	417	440	459	
Lo PR		102	109	119	127	108	115	126	134	112	119	130	139	118	126	137	146	124	132	144	153	128	136	149	158	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (compressor + fan)

IDB		OUTDOOR AMBIENT TEMPERATURE												105°F												115°F																					
		65°F						75°F						85°F						95°F						105°F						115°F															
		ENTERING INDOOR WET BULB TEMPERATURE																																													
AIRFLOW	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79											
2000	MBh	57.8	59.1	63.1	67.5	57.5	56.5	57.7	61.6	65.9	65.9	55.1	56.3	60.2	64.3	53.8	55.0	58.7	62.8	51.1	52.2	55.8	59.6	59.6	47.3	48.4	51.7	55.2	47.3	48.4	51.7	55.2															
	S/T	0.92	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	1.00	0.80	0.60	0.60	1.00	1.00	0.81	0.61	1.00	1.00	0.81	0.61																
	ΔT	25	24	20	16	25	24	21	17	17	25	24	21	17	25	24	21	17	17	23	24	21	16	16	22	22	19	15	22	22	19	15															
	kW	3.61	3.68	3.80	3.92	3.88	3.96	4.09	4.22	4.12	4.21	4.34	4.49	4.33	4.43	4.57	4.72	4.51	4.61	4.51	4.61	4.76	4.92	4.92	4.67	4.77	4.93	5.10	4.67	4.77	4.93	5.10															
	Amps	14.1	14.5	15.0	15.5	15.3	15.6	16.2	16.8	16.6	17.0	17.6	18.2	17.7	18.2	18.8	19.3	18.9	19.3	20.0	20.0	20.7	20.7	20.7	20.0	20.5	21.2	22.0	20.0	20.5	21.2	22.0															
	Hi PR	222	239	253	264	249	268	284	296	284	305	322	336	323	348	367	383	364	391	413	431	431	443	431	431	402	432	456	476	402	432	456	476														
Lo PR	106	113	123	131	112	119	130	139	117	124	135	144	122	130	142	151	128	137	149	159	159	166	159	159	133	141	154	164	133	141	154	164															
1750	MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	60.9	49.6	50.7	54.2	57.9	57.9	45.9	46.9	50.2	53.6	45.9	46.9	50.2	53.6																
	S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	1.00	0.94	0.77	0.57	0.57	1.00	0.95	0.77	0.58	1.00	0.95	0.77	0.58																
	ΔT	26	25	22	17	26	25	22	18	26	25	22	18	27	25	22	18	26	25	22	25	22	17	17	24	23	20	16	24	23	20	16															
	kW	3.58	3.65	3.77	3.89	3.85	3.93	4.05	4.19	4.09	4.18	4.31	4.45	4.30	4.39	4.53	4.68	4.48	4.58	4.72	4.88	4.72	4.88	4.88	4.63	4.73	4.89	5.05	4.63	4.73	4.89	5.05															
	Amps	14.0	14.4	14.8	15.4	15.1	15.5	16.0	16.6	16.4	16.8	17.4	18.1	17.6	18.0	18.6	19.3	18.7	19.2	19.8	20.5	20.7	20.5	20.5	19.8	20.3	21.0	21.8	19.8	20.3	21.0	21.8															
	Hi PR	220	237	250	261	247	266	281	293	281	302	319	333	320	344	364	379	360	387	409	427	427	435	427	427	398	428	452	471	398	428	452	471														
Lo PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	148	157	157	166	157	157	131	140	153	163	131	140	153	163															
1600	MBh	55.3	56.5	60.4	64.5	54.0	55.2	59.0	63.0	52.7	53.9	57.5	61.5	51.4	52.6	56.1	60.0	60.0	48.9	49.9	53.3	57.0	57.0	45.3	46.2	49.4	52.8	45.3	46.2	49.4	52.8																
	S/T	0.85	0.80	0.65	0.48	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.55	0.55	0.98	0.92	0.74	0.56	0.98	0.92	0.74	0.56																
	ΔT	27	26	23	18	27	26	23	18	27	26	23	18	28	26	23	18	27	26	23	26	23	18	18	25	24	21	17	25	24	21	17															
	kW	3.53	3.60	3.72	3.83	3.80	3.88	4.00	4.13	4.03	4.12	4.25	4.39	4.24	4.33	4.47	4.62	4.41	4.51	4.66	4.81	4.66	4.81	4.81	4.57	4.67	4.82	4.98	4.57	4.67	4.82	4.98															
	Amps	13.8	14.1	14.6	15.1	14.9	15.3	15.8	16.4	16.2	16.6	17.1	17.8	17.3	17.7	18.3	19.0	18.4	18.9	19.5	20.2	20.2	20.2	20.2	19.5	20.0	20.6	21.4	19.5	20.0	20.6	21.4															
	Hi PR	216	233	246	256	243	261	276	288	276	297	314	327	315	338	357	373	354	381	402	419	419	435	419	419	391	421	444	463	391	421	444	463														
Lo PR	103	110	120	128	109	116	127	135	113	121	132	140	119	127	138	147	125	133	145	154	154	166	154	154	129	137	150	160	129	137	150	160															

IDB		OUTDOOR AMBIENT TEMPERATURE												105°F												115°F																					
		65°F						75°F						85°F						95°F						105°F						115°F															
		ENTERING INDOOR WET BULB TEMPERATURE																																													
AIRFLOW	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79											
2000	MBh	58.8	60.0	62.8	67.0	57.5	58.6	61.3	65.4	56.1	57.2	59.9	63.9	54.7	55.8	58.4	62.3	62.3	52.0	53.0	55.5	59.2	59.2	48.2	49.1	51.4	54.8	48.2	49.1	51.4	54.8																
	S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	0.75	1.00	1.00	0.96	0.78	0.78	1.00	1.00	0.97	0.79	1.00	1.00	0.97	0.79																
	ΔT	26	26	24	21	26	26	25	21	26	26	25	21	25	26	25	22	24	24	24	24	25	21	21	22	23	23	20	22	23	23	20															
	kW	3.64	3.71	3.83	3.95	3.91	3.99	4.12	4.25	4.15	4.24	4.38	4.52	4.37	4.46	4.61	4.76	4.55	4.65	4.80	4.96	4.80	4.96	4.96	4.71	4.81	4.97	5.14	4.71	4.81	4.97	5.14															
	Amps	14.3	14.6	15.1	15.6	15.4	15.8	16.3	16.9	16.7	17.2	17.7	18.4	17.9	18.3	18.9	19.7	19.0	19.5	20.2	20.9	20.2	20.9	20.9	20.2	20.7	21.4	22.2	20.2	20.7	21.4	22.2															
	Hi PR	225	242	255	266	252	271	286	299	287	308	326	340	326	351	371	387	367	395	417	435	435	456	435	435	406	437	461	481	406	437	461	481														
Lo PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	160	160	176	160	160	134	143	156	166	134	143	156	166															
1750	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	60.5	50.5	51.4	53.9	57.5	57.5	46.7	47.7	49.9	53.2	46.7	47.7	49.9	53.2																
	S/T	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.86	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	0.74	0.74	1.00	1.00	0.92	0.75	1.00	1.00	0.92	0.75																
	ΔT	28	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	27	27	26	26	22	22	22	25	25	24	21	25	25	24	21															
	kW	3.61	3.68	3.80	3.92	3.88	3.96	4.09	4.22	4.12	4.21	4.34	4.49	4.33	4.43	4.57	4.72	4.51	4.61	4.76	4.92	4.76	4.92	4.92	4.67	4.77	4.93	5.10	4.67	4.77	4.93	5.10															
	Amps	14.1	14.5	15.0	15.5	15.3	15.6	16.2	16.8	16.6	17.0	17.6	18.2	17.7	18.2	18.8	19.5	18.9	19.3	20.0	20.7	20.0	20.7	20.7	20.0	20.5	21.2	22.0	20.0	20.5	21.2	22.0															
	Hi PR	222	239	253	264	249	268	284	296	284	305	322	336	323	348	367	383	364	391	413	431	431	443	431	431	402	432	456	476	402	432	456	476														
Lo PR	106	113	123	131	112	119	130	139	117	124	135	144	122	130	142	151	128	137	149	159	159	166	159	159	133	141	154	164	133	141	154	164															
1600	MBh	56.3	57.3	60.1	64.1	54.9	56.0	58.7	62.6	53.6	54.7	57.3	61.1	52.3	53.3	55.9	59.6	59.6	49.7	50.7	53.1	56.6	56.6	46.0	46.9	49.2	52.4	46.0	46.9	49.2	52.4																
	S/T	0.89	0.86	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	0.72	0.72	1.00	0.99	0.89	0.72	1.00	0.99	0.89	0.72																
	ΔT	29	28	27	23	29	29	27	23	29	29	27	23	29	29	27	23	29	29	27	27	23	23	23	26	27	25	22	26	27	25	22															
	kW	3.56	3.63	3.75	3.86	3.83	3.91	4.03	4.16	4.06	4.15	4.28	4.42	4.27	4.37	4.51	4.66	4.45	4.55	4.70	4.85	4.70	4.85	4.85	4.60	4.71	4.86	5.02	4.60	4.71	4.86	5.02															
	Amps	13.9	14.3	14.7	15.3	15.0	15.4	15.9	16.5	16.3	16.7	17.3	17.9	17.5	17.9	18.5	19.2	18.6	19.0	19.7	20.4	20.0	20.7	20.7	19.7	20.2	20.8																				

SSZ160241A* / CA*F3636*6A* + TXV / MBVC1600A*-1

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	30.2	28.6	26.9	25.1	24.0	23.3	21.6	19.9	18.7	17.3	15.9	15.0	14.4	13.0	11.5	10.0	8.6	7.0
ΔT	31.9	30.2	28.4	26.6	25.4	24.6	22.9	21.1	19.8	18.3	16.8	15.9	15.3	13.7	12.2	10.6	9.0	7.4
kW	1.79	1.75	1.72	1.68	1.7	1.65	1.62	1.58	1.68	1.64	1.60	1.58	1.56	1.52	1.48	1.45	1.41	1.37
Amps	8.4	7.8	7.3	6.9	6.7	6.6	6.2	5.9	5.7	5.4	5.2	5.1	5.0	4.7	4.4	4.2	3.9	3.5
COP	4.93	4.76	4.57	4.37	4.22	4.13	3.91	3.69	3.26	3.08	2.91	2.79	2.71	2.49	2.27	2.03	1.78	1.50
EER	16.9	16.3	15.6	14.9	14.4	14.1	13.4	12.6	11.2	10.5	9.9	9.5	9.3	8.5	7.7	6.9	6.1	5.1

SSZ160361A* / CA*F4860*6A*+TXV/ MBVC2000A*-1

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	43.2	40.9	38.5	36.0	34.4	33.3	31.0	28.6	26.2	24.2	22.2	21.0	20.2	18.1	16.1	14.0	12.0	9.8
ΔT	33.4	31.6	29.7	27.8	26.5	25.7	23.9	22.0	20.2	18.6	17.2	16.2	15.6	14.0	12.4	10.8	9.2	7.6
kW	2.70	2.65	2.59	2.54	2.5	2.48	2.43	2.37	2.46	2.40	2.34	2.31	2.28	2.22	2.16	2.11	2.05	1.99
Amps	13.1	12.1	11.3	10.6	10.3	10.1	9.5	9.0	8.6	8.2	7.9	7.7	7.6	7.2	6.7	6.3	5.8	5.3
COP	4.68	4.52	4.35	4.15	4.02	3.93	3.73	3.52	3.12	2.95	2.78	2.67	2.59	2.39	2.17	1.95	1.71	1.44
EER	16.0	15.5	14.9	14.2	13.7	13.4	12.7	12.0	10.6	10.1	9.5	9.1	8.9	8.2	7.4	6.7	5.8	4.9

SSZ160481A* / CA*F4860*6A* + TXV / MBVC2000A*-1

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	59.1	55.9	52.6	49.2	47.0	45.5	42.3	39.0	35.4	32.6	30.1	28.4	27.3	24.5	21.7	19.0	16.2	13.3
ΔT	35.3	33.4	31.4	29.4	28.1	27.2	25.3	23.3	21.1	19.5	18.0	17.0	16.3	14.7	13.0	11.3	9.7	7.9
kW	3.69	3.62	3.54	3.47	3.4	3.40	3.32	3.25	3.14	3.06	2.99	2.95	2.92	2.85	2.78	2.71	2.63	2.56
Amps	17.6	16.3	15.2	14.3	13.8	13.5	12.7	12.1	11.5	11.0	10.5	10.2	10.1	9.6	8.9	8.4	7.7	6.9
COP	4.68	4.52	4.35	4.15	4.01	3.93	3.72	3.51	3.30	3.12	2.94	2.82	2.74	2.52	2.29	2.05	1.80	1.51
EER	16.0	15.5	14.9	14.2	13.7	13.4	12.7	12.0	11.3	10.7	10.0	9.6	9.4	8.6	7.8	7.0	6.1	5.2

SSZ160601B* / CAPF4961*6A* / MBVC2000A*-1*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	71.0	67.2	63.3	59.2	56.5	54.7	50.9	46.9	44.6	41.2	37.9	35.8	34.5	30.9	27.4	23.9	20.4	16.7
ΔT	37.6	35.6	33.5	31.3	29.9	29.0	26.9	24.8	23.6	21.8	20.1	18.9	18.2	16.4	14.5	12.7	10.8	8.8
kW	4.67	4.58	4.49	4.40	4.3	4.30	4.22	4.12	4.62	4.51	4.41	4.34	4.30	4.19	4.08	3.98	3.87	3.76
Amps	22.9	21.2	19.9	18.7	18.0	17.7	16.6	15.8	15.1	14.4	13.7	13.4	13.2	12.6	11.7	11.0	10.2	9.2
COP	4.45	4.30	4.13	3.94	3.81	3.72	3.53	3.33	2.82	2.67	2.52	2.41	2.35	2.16	1.97	1.76	1.54	1.30
EER	15.2	14.7	14.1	13.5	13.0	12.7	12.1	11.4	9.6	9.1	8.6	8.2	8.0	7.4	6.7	6.0	5.3	4.4

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

Amps = Outdoor unit amps (comp.+fan)

Note: Shaded area is ARI Rating Conditions at 47°F outdoor ambient temperature

kW = Total system power

OUTDOOR UNIT	INDOOR UNITS		COOLING RATINGS ^				TVA RATINGS ^3		HEATING RATINGS ^			CFM	AHRI #
	COILS/AIR HANDLERS	FURNACES	TOTAL	SENS.	SEER ¹	EER ²	TOTAL	SENS.	Hi ⁴	HSPF ⁵	Low ⁶		
SSZ16 0241A*	ASPT24B14A*		22,800	17,600	14.5	12.0	21,000	17,500	22,400	8.2	14,800	810	5722686
	ASPT30C14A*		23,000	17,800	15.0	12.5	21,200	17,700	22,600	8.5	14,000	845	5722687
	ASPT36C14A*		23,000	17,800	15.0	12.5	21,200	17,700	22,000	8.5	13,600	860	5722767
	ASUF29B14A*+TXV		22,800	17,600	14.5	12.0	21,000	17,500	22,400	8.2	14,800	810	5722685
	AVPTC30C14A*		23,000	17,800	15.0	12.5	21,200	17,700	22,600	8.5	14,000	740	5924415
	AVPTC36C14A*		23,000	17,800	15.0	12.5	21,200	17,700	22,000	8.5	13,600	800	5924416
	CA*F3636*6D*+EEP+TXV		23,400	18,100	14.0	12.0	21,600	18,000	23,000	9.5	15,000	850	4392858
	CA*F3636*6D*+MBVC1200**-1A*+TXV		24,000	18,600	16.0	13.0	22,200	18,400	23,000	9.25	15,000	820	4392859
	CA*F3636*6D*+MBVC1600**-1A*+TXV		24,000	18,600	16.0	13.0	22,200	18,400	23,000	9.5	15,000	880	4392860
	CA*F3642*6D*+TXV	G*E80603B*B*	24,000	18,600	16.0	13.0	22,200	18,400	23,000	9.0	15,000	860	5038720
	CA*F3642*6D*+TXV	A*EH800603B*A*	24,000	18,600	16.0	13.0	22,200	18,400	23,000	9.0	15,000	860	6844660
	CA*F3743*6D*+MBVC1600**-1A*+TXV		24,000	18,600	16.0	13.0	22,200	18,400	23,000	8.9	15,000	880	4415245
	CHPF3636B6C*+EEP+TXV		23,400	18,100	14.0	12.0	21,600	18,000	23,000	9.5	15,000	850	3300408
	CHPF3642C6C*+MBVC1600**-1A*+TXV		24,000	18,600	16.0	13.0	22,200	18,400	23,000	9.5	15,000	880	3610016
	CHPF3642C6C*+TXV	G*E80603B*B*	24,000	18,600	16.0	13.0	22,200	18,400	23,000	9.0	15,000	860	5038649
	CHPF3642C6C*+TXV	A*EH800603B*A*	24,000	18,600	16.0	13.0	22,200	18,400	23,000	9.0	15,000	860	6844593
CHPF3743C6B*+MBVC1600**-1A*+TXV		24,000	18,600	16.0	13.0	22,200	18,400	23,000	9.5	15,000	880	3610025	
SSZ16 0361A*	ASPT36C14A*		33,000	25,200	15.0	12.5	30,600	24,800	33,000	8.2	20,400	1,100	6514948
	ASPT42C14A*		33,000	25,200	15.0	12.5	30,600	24,800	33,200	8.5	20,000	1,175	7079300
	ASPT42D14A*		33,000	25,200	15.0	12.5	30,600	24,800	33,000	8.5	20,400	1,145	5722688
	ASUF39C14A*+TXV		33,000	25,200	15.0	12.5	30,600	24,800	33,000	8.2	20,400	1,100	6514949
	AVPTC42D14A*		33,000	25,200	15.0	12.5	30,600	24,800	33,000	8.5	20,400	1,225	5924417
	AVPTC48C14A*		33,000	25,200	15.0	12.5	30,600	24,800	33,200	8.5	20,000	1,150	7079301
	AVPTC48D14A*		34,400	26,200	16.0	13.0	32,000	25,800	34,000	8.75	21,000	1,075	6678813
	AWUF37X16B*+TXV		32,000	24,400	14.0	11.5	29,600	24,000	32,000	8.5	18,000	1,150	5010025
	CA*F3743*6D*+TXV	G*VC80604B*B*	34,000	26,000	15.0	12.5	31,600	25,600	34,000	9.0	21,000	1,220	5038655
	CA*F3743*6D*+TXV	G*VC80805C*B*	34,600	26,400	15.5	12.5	32,200	26,000	34,000	9.0	21,000	1,250	5038665
	CA*F3743*6D*+TXV	G*E80805C*B*	34,600	26,400	15.5	12.5	32,200	26,000	34,000	9.0	21,000	1,290	5038721
	CA*F3743*6D*+TXV	A*VC80604B*B*	34,000	26,000	15.0	12.5	31,600	25,600	34,000	9.0	21,000	1,220	5038760
	CA*F3743*6D*+TXV	A*VC80603B*B*	34,000	26,000	15.0	12.0	31,600	25,600	34,000	9.0	21,000	1,090	5038761
	CA*F3743*6D*+TXV	ADVC80805C*B*	34,600	26,400	15.5	12.5	32,200	26,000	34,000	9.0	21,000	1,250	5038764
	CA*F3743*6D*+TXV	A*VC80805C*B*	34,600	26,400	15.5	12.5	32,200	26,000	34,000	9.0	21,000	1,250	5038768
	CA*F3743*6D*+TXV	A*EH800805C*A*	34,600	26,400	15.5	12.5	32,200	26,000	34,000	9.0	21,000	1,290	6844662
	CA*F4961*6D*+EEP+TXV		34,600	26,400	14.5	12.2	32,200	26,000	34,400	9.5	21,000	1,100	4431866
	CA*F4961*6D*+MBVC2000**-1A*+TXV		34,600	26,400	16.0	13.0	32,200	26,000	34,400	9.5	21,000	1,150	4432016
	CAPT3743*4A*	G*VC80604B*B*	33,400	25,600	15.0	12.5	31,000	25,200	33,200	9.0	21,000	1,000	5520814
	CAPT3743*4A*	A*VC80604B*B*	33,400	25,600	15.0	12.5	31,000	25,200	33,200	9.0	21,000	1,000	5520817
	CAPT3743*4A*	A*VC80603B*B*	33,400	25,600	15.0	12.0	31,000	25,200	33,200	9.0	21,000	1,000	5520818
	CAPT3743*4A*	ADVC80805C*B*	33,400	25,600	15.5	12.5	31,000	25,200	33,000	9.0	21,000	990	5520820
	CAPT3743*4A*	A*VC80805C*B*	33,400	25,600	15.5	12.5	31,000	25,200	33,200	9.0	21,000	995	5520821
	CAPT3743*4A*	G*VC80805C*B*	33,400	25,600	15.5	12.5	31,000	25,200	33,200	9.0	21,000	995	5520822
	CAPT3743*4A*	G*E80805C*B*	33,400	25,600	15.5	12.5	31,000	25,200	33,200	9.0	21,000	995	5520823
	CAPT3743*4A*	A*EH800805C*A*	33,400	25,600	15.5	12.5	31,000	25,200	33,200	9.0	21,000	995	6844668
	CAPT3743*4A*+MBVC1600**-1A*		32,400	24,800	15.0	12.5	30,000	24,400	32,000	8.5	20,000	1,000	5611443
	CHPF3743D6B*+MBVC2000**-1A*+TXV		34,600	26,400	16.0	13.0	32,200	26,000	34,400	9.75	21,000	1,200	3610030
	CHPF4860D6D*+EEP+TXV		34,600	26,400	14.5	12.2	32,200	26,000	34,400	9.5	21,000	1,100	3300413
	CHPF4860D6D*+MBVC2000**-1A*+TXV		34,600	26,400	16.0	13.0	32,200	26,000	34,400	9.5	21,000	1,150	3610058
DV48PTCC14A*		33,000	25,200	15.0	12.5	30,600	24,800	33,200	8.5	20,000	1,150	7079303	

See Notes on Page 14.

OUTDOOR UNIT	INDOOR UNITS		COOLING RATINGS [^]				TVA RATINGS ³		HEATING RATINGS [^]			CFM	AHRI #
	COILS/AIR HANDLERS	FURNACES	TOTAL	SENS.	SEER ¹	EER ²	TOTAL	SENS.	Hi ⁴	HSPF ⁵	Low ⁶		
SSZ16 0481A*	ASPT48D14A*		45,000	34,600	15.0	12.5	41,500	34,200	44,000	8.5	28,800	1,600	5796522
	ASPT60D14A*		45,000	34,600	15.0	12.5	41,500	34,200	44,000	8.5	28,800	1,600	5722689
	ASUF59D14A*+TXV		45,000	34,600	14.5	12.0	41,500	34,200	44,000	8.5	28,800	1,600	5722768
	AVPTC48D14A*		45,000	34,600	15.0	12.5	41,500	34,200	44,000	9.0	28,800	1,625	5924418
	AVPTC60D14A*		45,000	34,600	15.0	12.5	41,500	34,200	44,000	9.0	28,800	1,625	5924419
	CA*F4961*6D*+EEP+TXV		45,500	35,000	14.0	12.0	42,000	34,600	46,000	9.0	29,000	1,550	4431867
	CA*F4961*6D*+MBVC2000**-1A*+TXV		47,000	36,200	16.0	13.0	43,500	35,600	46,000	9.5	34,000	1,550	4432025
	CA*F4961*6D*+TXV	G*E81005C*B*	46,000	35,400	16.0	13.0	42,500	35,000	45,500	9.0	30,000	1,570	5038671
	CA*F4961*6D*+TXV	A*EH801005C*A*	46,000	35,400	16.0	13.0	42,500	35,000	45,500	9.0	30,000	1,570	6844614
	CAPT4961*4A*	G*E81005C*B*	46,000	35,400	15.5	13.0	42,500	35,000	45,500	9.0	30,000	1,675	5520859
	CAPT4961*4A*	A*EH801005C*A*	46,000	35,400	15.5	13.0	42,500	35,000	45,500	9.0	30,000	1,675	6844670
	CAPT4961*4A*+EEP		45,500	35,000	14.0	12.0	42,000	34,600	46,000	8.5	29,000	1,675	5520865
	CAPT4961*4A*+MBVC2000**-1A*		47,000	36,200	16.0	13.0	43,500	35,600	46,000	9.0	34,000	1,615	5527447
	CHPF4860D6D*+EEP+TXV		45,500	35,000	14.0	12.0	42,000	34,600	46,000	9.0	29,000	1,550	3300417
CHPF4860D6D*+MBVC2000**-1A*+TXV		47,000	36,200	16.0	13.0	43,500	35,600	46,000	9.5	34,000	1,550	3610060	
SSZ16 0601B*	AVPTC60D14A*		54,000	40,000	15.0	11.5	50,000	39,500	55,000	8.5	30,000	1,630	8145827
	CA*F4961*6D*+MBVC2000**-1A*+TXV		57,000	42,000	16.0	12.5	53,000	41,500	56,500	9.1	35,800	1,750	4514558
	CA*F4961*6D*+TXV	G*VC81005C*B*	55,500	41,000	15.5	11.8	51,500	40,500	55,000	9.0	30,000	1,800	5038650
	CA*F4961*6D*+TXV	G*VC80805C*B*	55,000	40,500	15.5	11.8	51,000	40,000	55,500	9.0	30,000	1,590	5038722
	CA*F4961*6D*+TXV	A*VC81005C*B*	55,500	41,000	15.5	11.8	51,500	40,500	55,000	9.0	30,000	1,800	5038759
	CA*F4961*6D*+TXV	ADVC80805C*B*	54,500	40,000	15.5	11.8	50,500	40,000	55,500	9.0	30,000	1,580	5038763
	CA*F4961*6D*+TXV	ADVC81005C*B*	55,500	41,000	15.5	11.8	51,500	40,500	55,000	9.0	30,000	1,820	5038765
	CA*F4961*6D*+TXV	A*VC80805C*B*	55,000	40,500	15.5	11.8	51,000	40,000	55,500	9.0	30,000	1,590	5038807
	CHPF4860D6D*+MBVC2000**-1A*+TXV		56,000	41,500	16.0	12.7	52,000	41,000	55,500	9.2	35,200	1,600	4236500
	CHPF4860D6D*+TXV	G*VC81005C*B*	55,500	41,000	15.5	11.8	51,500	40,500	55,000	9.0	30,000	1,800	5038659
	CHPF4860D6D*+TXV	G*VC80805C*B*	55,000	40,500	15.5	11.8	51,000	40,000	55,500	9.0	30,000	1,590	5038662
	CHPF4860D6D*+TXV	A*VC81005C*B*	55,500	41,000	15.5	11.8	51,500	40,500	55,000	9.0	30,000	1,800	5038762
CHPF4860D6D*+TXV	A*VC80805C*B*	55,000	40,500	15.5	11.8	51,000	40,000	55,500	9.0	30,000	1,590	5038766	

[^] Rated in accordance with ANSI/AHRI Standard 210/240

¹ Seasonal Energy Efficiency Ratio

³ TVA Rating: BTU/h @ 75°F/ 63°F - 95°F

⁵ HSPF = Heating Seasonal Performance Factor

⁷ CFM at High stage

² Energy Efficiency Ratio @ 80°F/ 67°F/ 95°F

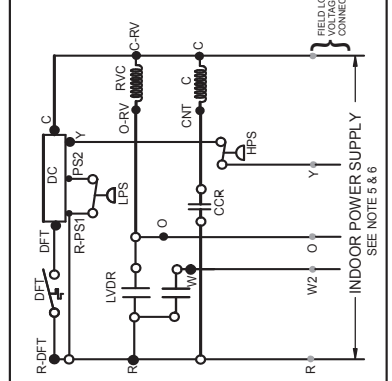
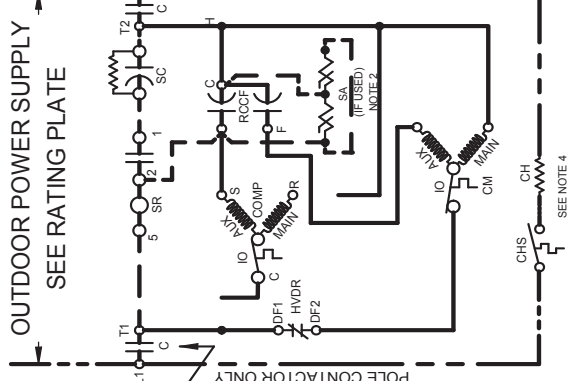
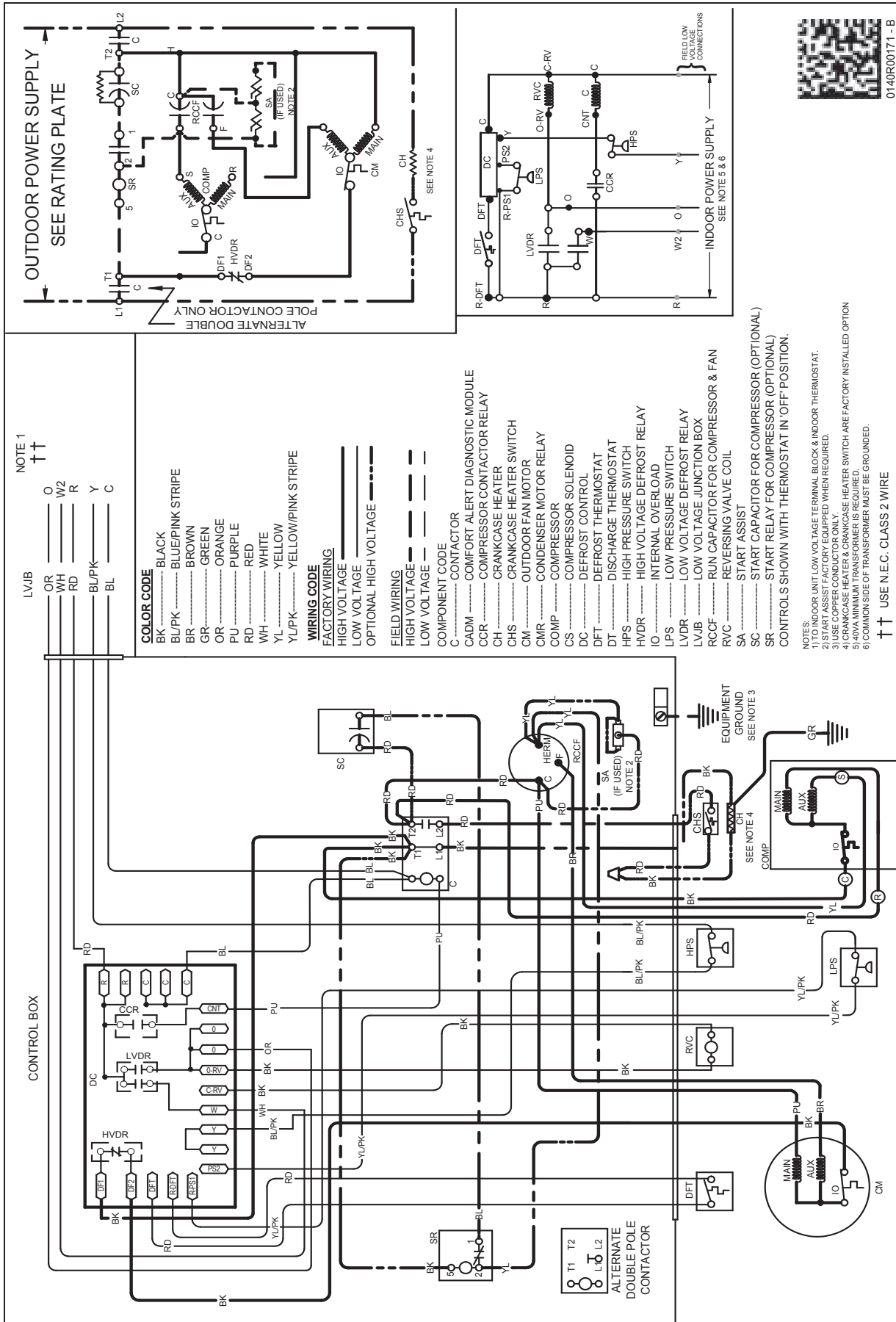
⁴ Rated heating capacity at 47°F outdoor per AHRI 210/240

⁶ Heating capacity at 17°F outdoor

⁸ CFM at Intermediate and low stage

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- When matching outdoor unit to indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP - Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S. The Goodman brand gas furnace contains the EEP cooling time delay.



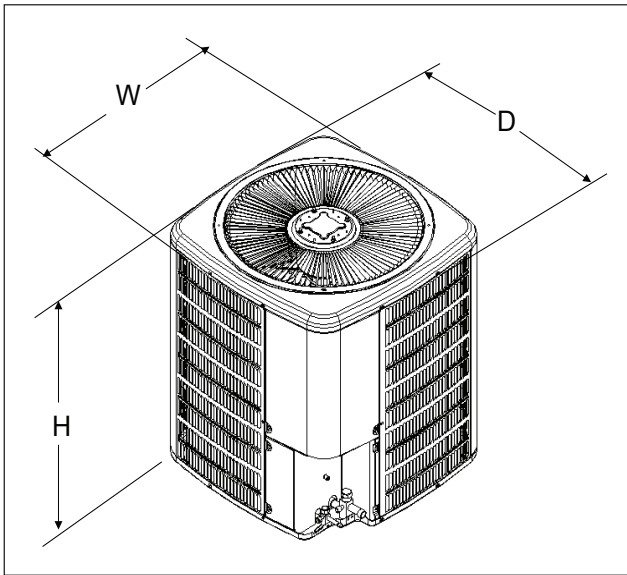
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WARNING

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

DIMENSIONS



MODEL	DIMENSIONS		
	W"	D"	H"
SSZ160241A*	29	29	38¼
SSZ160361A*	35½	35½	38¼
SSZ160481A*	35½	35½	38¼
SSZ160601B*	35½	35½	38¼

ACCESSORIES

MODEL	DESCRIPTION	SSZ16 024	SSZ16 036	SSZ16 048	SSZ16 060
ABK-20	Anchor Bracket Kit*	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	
CSR-U-3	Hard-start Kit				X
FSK01A ¹	Freeze Protection Kit	X	X	X	X
LAKT01A	Low-Ambient Kit	X	X	X	X
OT18-60A ²	Outdoor Thermostat w/ Lockout Stat	X	X	X	X
TX2N4A ³	TXV Kit	X			
TX3N4 ³	TXV Kit		X		
TX5N4 ³	TXV Kit			X	X

* Contains 20 brackets; four brackets needed to anchor unit to pad

¹ Installed on indoor coil

² Required for heat pump applications where ambient temperatures fall below 0° F with 50% or higher relative humidity.

³ Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device. The TXV should always be sized based on the tonnage of the outdoor unit.