Heating & Air Conditioning
Amana
AMERICA'S BRAND FOR COMFORT™

AZV6S

S-SERIES

19.0 SEER2 & 8.8 HSPF2
1½ TO 5 TONS

AMANA S - SERIES
HIGH-EFFICIENCY, COMMUNICATING, VARIABLE-SPEED, INVERTER DRIVEN SIDE DISCHARGE R-32 SPLIT SYSTEM HEAT PUMP

Contents

R32

Standard Features

- Variable-speed swing compressors
- Quiet digitally commutated fan motor
- High-density compressor sound blanket
- Compatible with Amana Smart Thermostat and other Amana communicating equipment
- Propietary control algorithmic logic
- In communicating mode, only two low-voltage wires to outdoor unit required
- Diagnostic indicator lights, seven-segment LED display, and fault code storage
- Propietary Inside intelligence for diagnostics
- Quiet-mode - provides enhanced acoustical comfort, up to 3 different sound levels (as low as 45dBA)
- Field-selectable boost mode increases compressor speed during unusually high loads
- Field-installed bi-flow filter drier
- Coil and ambient temperature sensors
- Suction pressure transducer
- Sweat connection service valves with easy access to gauge ports
- AHRI Certified; ETL Listed

Cabinet Features

- Heavy-gauge galvanized steel cabinet with grille-style sound control side design
- Custom Ivory white powder-paint finish
- High corrosion (ZAM®), unpainted steel bottom frame and legs
- 500-hour salt-spray tested
- Wire fan discharge grille
- Top and side maintenance access
- When properly anchored, meets the 2023 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

ENERGY STAR COLD CLIMATE

ENERGY STAR

LIFE TIME UNIT REPLACEMENT LIMITED WARRANTY*

10 YEAR PARTS LIMITED WARRANTY*

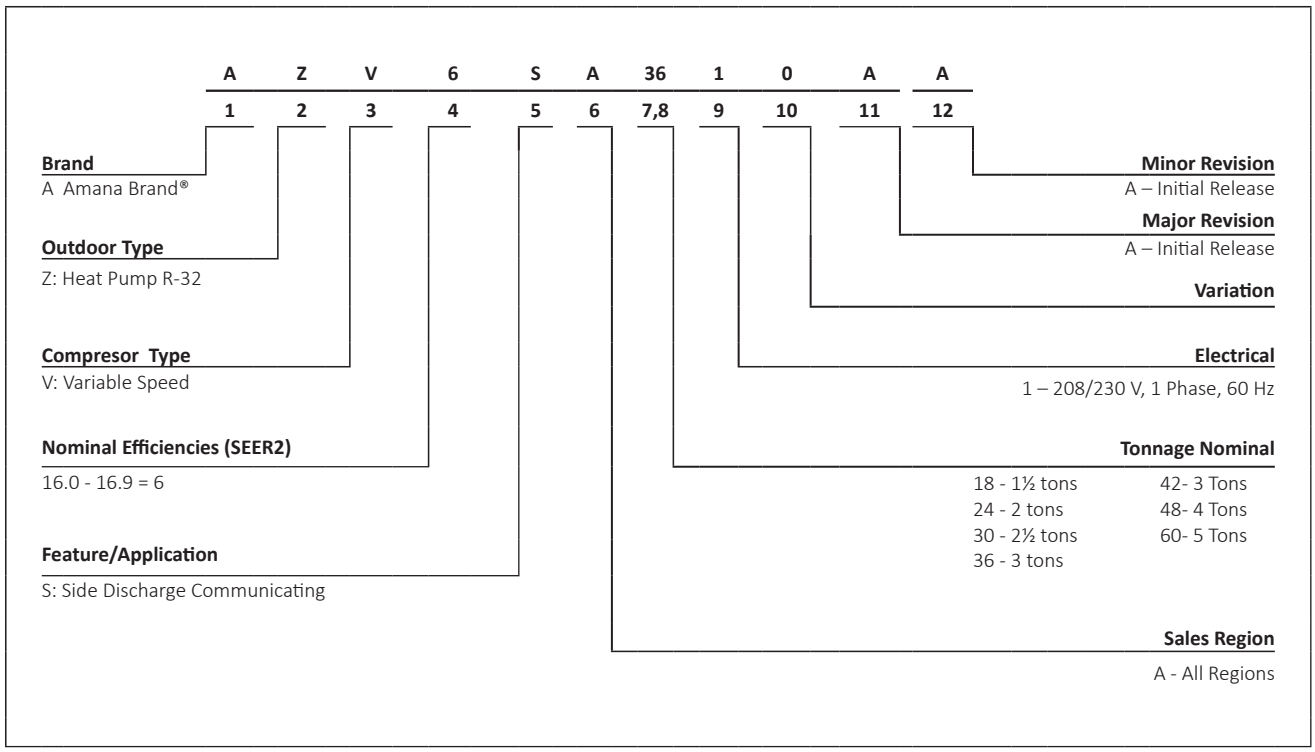
ETL LISTED Intertek

AHRI CERTIFIED

COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL ISO 9001

COMPANY WITH ENVIRONMENTAL SYSTEM CERTIFIED BY DNV GL ISO 14001

* Complete warranty details available from your local dealer or at www.amana-hac.com. To receive the Lifetime Unit Replacement Limited Warranty (good for as long as you own your home) and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Québec. The duration of warranty coverages in Texas differs in some cases.


A Z V 6 S A 36 1 0 A A
1 2 3 4 5 6 7,8 9 10 11 12
Brand
A Amana Brand®
Outdoor Type
Z: Heat Pump R-32
Compresor Type
V: Variable Speed
Nominal Efficiencies (SEER2)
16.0 - 16.9 = 6
Feature/Application
S: Side Discharge Communicating
Sales Region
A - All Regions
Tonnage Nominal
18 - 1½ tons
24 - 2 tons
30 - 2½ tons
36 - 3 tons
42- 3 Tons
48- 4 Tons
60- 5 Tons
Electrical
1 – 208/230 V, 1 Phase, 60 Hz
Variation
Major Revision
A – Initial Release
Minor Revision
A – Initial Release

	AZV6SA 1810A*	AZV6SA A2410A*	AZV6SA A3010A*	AZV6SA A3610A*	AZV6SA A4210A*	AZV6SA A4810A*	AZV6SA A6010A*
CAPACITIES (AHRI RATED)							
Max. Cooling (BTU/h)-95F	17,100	23,200	28,400	34,200	41,000	45,500	53,500
Max. Heating (BTU/h)-47F	17,400	23,200	28,800	34,600	40,000	45,500	54,500
Max. Heating (BTU/h)-5F	13,000	14,200	17,000	20,000	27,400	28,000	33,000
AMBIENT OPERATION RANGE							
COOLING (°FDB(°CDB))	0 to 115 (-17.8 to 46.1)						
HEATING (°FDB(°CDB))	-10 to 70 (-23.3 to 21.1)						
COMPRESSOR							
Type	Swing	Swing	Swing	Swing	Swing	Swing	Swing
CONDENSER FAN MOTOR							
Horsepower	0.09	0.09	0.20	0.20	0.36	0.36	0.36
REFRIGERATION SYSTEM							
Refrigerant Line Size[1]							
Liquid Line Size ("O.D.)	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Line Size ("O.D.)	¾"	¾"	⅞"	⅞"	1⅛"	1⅛"	1⅛"
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Valve Size ("O.D.)	¾"	¾"	⅞"	⅞"	⅞"	⅞"	⅞"
Valve Connection Type	Front Sealing	Front Sealing	Front Sealing	Front Sealing	Front and Back Sealing	Front and Back Sealing	Front and Back Sealing
Refrigerant Charge (oz.)	74	74	76	83	100	100	118
Expansion Device	EEV	EEV	EEV	EEV	EEV	EEV	EEV
Superheat at Service Valve	Auto-control	Auto-control	Auto-control	Auto-control	Auto-control	Auto-control	Auto-control
Subcooling at Service Valve	10±1°F	12±1°F	14±1°F	15±1°F	8±1°F	9±1°F	9±1°F
ELECTRICAL DATA							
Voltage / Phase (60 Hz)	208-230/1	208-230/1	208-230/1	208-230/1	208-230/1	208-230/1	208-230/1
Fan/Compressor Inverter Drive Input	8.1	13.3	17.6	17.6	25.4	25.4	30
Minimum Circuit Ampacity[2]	12.8	16.8	22.4	22.4	31.8	31.8	37.5
Max. Overcurrent Protection[3]	15	20	25	25	35	35	40
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	½"	½"	½"	½"	½" or ¾"	½" or ¾"	½" or ¾"
EQUIPMENT WEIGHT (LBS)	122	122	132	137	168	168	179
SHIP WEIGHT (LBS)	137	137	147	151	185	185	198
ENERGY STAR® CERTIFIED	ENERGY STAR ENERGY STAR COLD CLIMATE	NO	NO	NO	NO	NO	NO

[1] Tested and rated in accordance with ANSI/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 S&R plate for electrical data on the unit being installed.
- Installer will need to supply ⅞" to 1⅛" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of ¾" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

(See table below for allowable line set diameter)

ENERGY STAR NOTES

Proper sizing and installation of equipment is critical to achieving optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet **ENERGY STAR** criteria. Ask your contractor for details or visit www.energystar.gov. The www.energystar.gov website provides up-to-date system combinations certified to meet **ENERGY STAR** requirements.

UNIT TONS	ALLOWABLE LINE SET DIAMETER						
	LIQUID			SUCTION			
	¼	5/16	⅜	⅝	¾	⅞	1⅛
1.5	x	x	x	x*	x		
2.0		x	x	x*	x		
2.5		x	x		x*	x	
3.0		x	x		x*	x	
3.5			x			x	x
4.0			x			x	x
5.0			x			x	x

x Allowable combination

* For marked combinations, if normal ambient operation temperature is less than 14°F, limit line set length to 50 ft. max.

OUTDOOR UNIT	ASZS6*361*A*	
INDOOR UNIT	A*VC960403B/0603B A*VM970603B A*VC800603B/0803B MBVC1200 A*VS960805CU	TRIM MORE THAN 10% SETTINGS ARE INVALID. TRIMMED UP CFM MAKES MISS MATCHING ERROR.

OUTDOOR UNIT	ASZS6*601*A*	
INDOOR UNIT	A*VC960804C A*VM970804C A*VC800804C	TRIM MORE THAN 5% SETTINGS ARE INVALID. TRIMMED UP CFM MAKES MISS MATCHING ERROR.

			OUTDOOR AMBIENT TEMPERATURE																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB*	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
70	520	MBh	17.8	18.6	19.1		17.8	18.1	18.6		17.0	17.2	17.8		15.8	16.1	16.6		14.6	14.8	15.3		13.4	13.7	14.2	
		S/T	0.62	0.52	0.38		0.60	0.52	0.38		0.62	0.54	0.41		0.63	0.56	0.42		0.65	0.58	0.44		0.70	0.63	0.49	
		ΔT	22	18	14		19	17	14		19	17	14		18	16	13		17	16	13		18	16	14	
		kW	0.85	0.93	0.93		1.08	1.07	1.07		1.24	1.24	1.24		1.43	1.43	1.43		1.64	1.64	1.64		1.89	1.89	1.89	
		Amps	3.6	3.9	3.9		4.4	4.4	4.4		5.0	4.9	4.9		5.6	5.6	5.6		6.5	6.5	6.5		7.7	7.7	7.7	
		Hi PR	234	237	238		277	278	279		321	322	323		369	370	371		421	423	424		479	480	482	
		Lo PR	121	122	129		125	128	135		130	133	141		134	137	145		137	141	148		142	146	153	
	610	MBh	18.6	18.9	19.4		18.1	18.3	18.9		17.2	17.5	18.0		16.1	16.4	16.9		14.8	15.1	15.6		13.7	13.9	14.4	
		S/T	0.67	0.59	0.46		0.67	0.59	0.46		0.69	0.62	0.48		0.71	0.63	0.50		0.73	0.65	0.52		0.99	0.70	0.57	
		ΔT	18	16	13		18	16	13		18	16	13		17	15	12		16	15	12		17	15	12	
		kW	0.94	0.94	0.93		1.08	1.08	1.08		1.25	1.25	1.25		1.44	1.44	1.43		1.65	1.65	1.65		1.90	1.90	1.90	
		Amps	3.9	3.9	3.9		4.4	4.4	4.4		5.0	5.0	5.0		5.7	5.7	5.7		6.6	6.5	6.5		7.7	7.7	7.7	
		Hi PR	238	239	241		279	280	282		323	324	326		371	372	374		424	425	427		481	482	484	
		Lo PR	121	124	131		127	130	138		132	135	143		136	139	147		139	143	151		144	148	156	
	700	MBh	19.0	19.2	19.8		18.4	18.7	19.2		17.6	17.8	18.4		16.4	16.7	17.2		15.2	15.4	15.9		14.0	14.2	14.7	
		S/T	0.71	0.63	0.49		0.71	0.63	0.50		0.73	0.65	0.52		0.75	0.67	0.54		0.76	0.69	0.56		0.99	0.74	0.60	
		ΔT	17	15	12		17	15	12		17	15	12		16	14	11		15	14	11		16	14	11	
		kW	0.94	0.94	0.94		1.09	1.09	1.09		1.26	1.26	1.25		1.44	1.44	1.44		1.66	1.65	1.65		1.91	1.91	1.91	
		Amps	4.0	3.9	3.9		4.4	4.4	4.4		5.0	5.0	5.0		5.7	5.7	5.7		6.6	6.6	6.6		7.8	7.8	7.8	
		Hi PR	240	241	243		281	283	284		325	327	328		374	375	376		426	428	429		484	485	487	
		Lo PR	123	127	134		129	133	140		134	138	145		138	142	149		142	145	153		146	150	158	
75	520	MBh	17.8	18.6	19.1	20.0	17.8	18.1	18.6	19.4	17.0	17.2	17.8	18.6	15.9	16.1	16.6	17.4	14.6	14.8	15.3	16.1	13.4	13.7	14.2	14.9
		S/T	0.76	0.64	0.51	0.37	0.72	0.65	0.51	0.37	0.75	0.67	0.54	0.39	1.00	0.69	0.55	0.41	1.00	0.70	0.57	0.43	0.99	0.75	0.62	0.48
		ΔT	26	22	18	15	23	21	18	14	23	21	18	14	22	20	17	14	21	19	16	13	22	20	17	14
		kW	0.85	0.93	0.93	0.93	1.07	1.07	1.07	1.08	1.24	1.24	1.24	1.25	1.43	1.43	1.42	1.43	1.64	1.64	1.64	1.65	1.89	1.89	1.89	1.90
		Amps	3.6	3.9	3.9	3.9	4.4	4.4	4.4	4.4	4.9	4.9	4.9	5.0	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.7	7.7	7.7	7.7
		Hi PR	234	237	238	243	277	278	280	284	321	322	324	328	369	370	372	376	422	423	424	429	479	480	482	486
		Lo PR	121	122	129	141	125	128	135	147	130	133	141	153	134	137	145	157	137	141	148	161	142	146	154	166
	610	MBh	18.6	18.9	19.4	20.3	18.1	18.3	18.9	19.7	17.3	17.5	18.0	18.8	16.1	**16.4**	16.9	17.7	14.9	15.1	15.6	16.4	13.7	13.9	14.4	15.2
		S/T	0.80	0.72	0.58	0.44	0.80	0.72	0.59	0.45	0.82	0.75	0.61	0.47	1.00	**0.76**	0.63	0.49	1.00	0.78	0.65	0.50	0.99	0.83	0.69	0.55
		ΔT	22	20	17	14	22	20	17	13	21	20	16	13	21	**19**	16	13	20	18	15	12	20	19	16	13
		kW	0.94	0.93	0.93	0.94	1.08	1.08	1.08	1.09	1.25	1.25	1.25	1.26	1.44	**1.43**	1.43	1.44	1.65	1.65	1.65	1.66	1.90	1.90	1.90	1.91
		Amps	3.9	3.9	3.9	3.9	4.4	4.4	4.4	4.4	5.0	5.0	5.0	5.0	5.7	**5.7**	5.7	5.7	6.6	6.5	6.5	6.6	7.7	7.7	7.7	7.8
		Hi PR	238	239	241	245	279	280	282	286	323	324	326	330	371	**372**	374	379	424	425	427	431	482	483	484	489
		Lo PR	121	124	131	143	127	130	138	150	132	135	143	155	136	**139**	147	159	139	143	151	163	144	148	156	168
	700	MBh	19.0	19.2	19.8	20.6	18.4	18.7	19.2	20.0	17.6	17.8	18.4	19.2	16.5	16.7	17.2	18.0	15.2	15.4	15.9	16.7	14.0	14.3	14.8	15.5
		S/T	0.83	0.76	0.62	0.48	0.84	0.76	0.63	0.48	1.01	0.78	0.65	0.51	1.00	0.80	0.66	0.52	1.00	0.82	0.68	0.54	0.99	0.86	0.73	0.59
		ΔT	21	19	16	12	20	19	15	12	20	19	15	12	20	18	15	12	19	17	14	11	19	18	15	12
		kW	0.94	0.94	0.94	0.95	1.09	1.09	1.09	1.09	1.26	1.25	1.25	1.26	1.44	1.44	1.44	1.45	1.66	1.65	1.65	1.66	1.91	1.91	1.90	1.91
		Amps	3.9	3.9	3.9	4.0	4.4	4.4	4.4	4.4	5.0	5.0	5.0	5.0	5.7	5.7	5.7	5.7	6.6	6.6	6.6	6.6	7.8	7.8	7.8	7.8
		Hi PR	241	242	243	247	282	283	284	289	326	327	328	333	374	375	377	381	427	428	430	434	484	485	487	491
		Lo PR	123	127	134	146	129	133	140	152	134	138	145	157	138	142	149	161	142	145	153	165	147	150	158	171

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			Outdoor Ambient Temperature																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			Entering Indoor Wet Bulb Temperature																							
IDB*	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
80	520	MBh	18.4	18.7	19.2	20.1	17.9	18.2	18.7	19.5	17.1	17.3	17.9	18.7	15.9	16.2	16.7	17.5	14.7	14.9	15.4	16.2	13.5	13.8	14.3	15.0
		S/T	0.85	0.77	0.63	0.49	1.01	0.77	0.64	0.50	1.01	0.79	0.66	0.52	1.00	0.81	0.68	0.53	1.00	0.83	0.69	0.55	0.99	0.99	0.74	0.60
		ΔT	27	26	22	19	27	25	22	18	26	25	21	18	25	24	21	17	25	23	20	17	25	23	21	17
		kW	0.93	0.93	0.93	0.93	1.07	1.07	1.07	1.08	1.24	1.24	1.24	1.25	1.43	1.43	1.43	1.43	1.64	1.64	1.64	1.65	1.89	1.89	1.89	1.90
		Amps	3.9	3.9	3.9	3.9	4.4	4.4	4.4	4.4	5.0	4.9	4.9	5.0	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.7	7.7	7.7	7.7
		Hi PR	236	237	239	243	277	278	280	284	321	322	324	328	369	370	372	376	422	423	425	429	479	480	482	487
		Lo PR	119	123	130	141	125	129	136	148	130	134	141	153	134	138	145	157	138	141	149	161	143	146	154	166
	610	MBh	18.7	19.0	19.5	20.4	18.2	18.4	19.0	19.8	17.3	17.6	18.1	18.9	16.2	16.5	**17.1**	17.8	14.9	15.2	15.7	16.5	13.8	14.0	14.5	15.3
		S/T	0.92	0.85	0.71	0.57	1.01	0.85	0.71	0.57	1.01	0.87	0.73	0.59	1.00	0.88	**0.75**	0.61	1.00	0.90	0.77	0.63	0.99	0.99	0.82	0.68
		ΔT	26	24	21	17	25	24	20	17	25	23	20	17	24	23	**20**	16	23	22	19	16	24	22	19	16
		kW	0.94	0.94	0.93	0.94	1.08	1.08	1.08	1.09	1.25	1.25	1.25	1.26	1.44	1.44	**1.43**	1.44	1.65	1.65	1.65	1.66	1.90	1.90	1.90	1.91
		Amps	3.9	3.9	3.9	4.0	4.4	4.4	4.4	4.4	5.0	5.0	5.0	5.0	5.7	5.7	**5.7**	5.7	6.6	6.5	6.5	6.6	7.7	7.7	7.7	7.8
		Hi PR	239	240	241	245	280	281	282	287	324	325	326	331	372	373	**375**	379	425	426	428	432	482	483	485	489
		Lo PR	121	125	132	144	127	131	138	150	132	136	143	155	136	140	**150**	160	140	144	151	163	145	148	156	169
	700	MBh	19.1	19.3	19.9	20.7	18.5	18.8	19.3	20.1	17.7	17.9	18.5	19.3	16.5	16.8	17.3	18.1	15.3	15.5	16.0	16.8	14.1	14.3	14.8	15.6
		S/T	1.01	0.88	0.75	0.61	1.01	0.89	0.75	0.61	1.01	0.91	0.77	0.63	1.00	0.92	0.79	0.65	1.00	1.00	0.81	0.67	0.99	0.99	0.85	0.71
		ΔT	25	23	20	16	24	23	19	16	24	22	19	16	23	22	18	15	22	21	18	15	23	21	18	15
		kW	0.94	0.94	0.94	0.95	1.09	1.09	1.09	1.10	1.26	1.26	1.25	1.26	1.44	1.44	1.44	1.45	1.66	1.65	1.65	1.66	1.91	1.91	1.91	1.92
		Amps	4.0	3.9	3.9	4.0	4.4	4.4	4.4	4.4	5.0	5.0	5.0	5.0	5.7	5.7	5.7	5.7	6.6	6.6	6.6	6.6	7.8	7.8	7.8	7.8
		Hi PR	241	242	244	248	282	283	285	289	326	327	329	333	374	375	377	381	427	428	430	434	484	486	487	492
		Lo PR	124	127	134	146	130	133	141	153	135	138	146	158	139	142	150	162	142	146	153	166	147	151	158	171
85	520	MBh	18.7	19.0	19.5	20.4	18.2	18.5	19.0	19.8	17.4	17.6	18.1	19.0	16.2	16.5	17.0	17.8	15.0	15.2	15.7	16.5	13.8	14.0	14.5	15.3
		S/T	1.01	0.87	0.74	0.59	1.01	0.87	0.74	0.60	1.01	1.01	0.76	0.62	1.00	1.00	0.78	0.63	1.00	1.00	0.79	0.65	0.99	0.99	0.84	0.70
		ΔT	31	29	26	22	30	28	25	22	30	28	25	21	29	27	24	21	28	26	23	20	28	27	24	21
		kW	0.93	0.93	0.93	0.94	1.08	1.08	1.07	1.08	1.24	1.24	1.24	1.25	1.43	1.43	1.43	1.44	1.64	1.64	1.64	1.65	1.90	1.89	1.89	1.90
		Amps	3.9	3.9	3.9	3.9	4.4	4.4	4.4	4.4	5.0	5.0	4.9	5.0	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.6	7.7	7.7	7.7	7.7
		Hi PR	237	238	240	244	278	279	281	285	322	323	325	329	371	372	373	378	423	424	426	430	481	482	483	488
		Lo PR	121	125	132	143	127	131	138	150	132	136	143	155	136	140	147	159	140	143	151	163	144	148	156	168
	610	MBh	19.0	19.3	19.8	20.7	18.5	18.7	19.3	20.1	17.6	17.9	18.4	19.2	16.5	16.7	17.3	18.1	15.2	15.5	16.0	16.7	14.1	14.3	14.8	15.5
		S/T	1.01	0.95	0.81	0.67	1.01	0.95	0.81	0.67	1.01	1.01	0.84	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	0.99	0.99	0.92	0.78
		ΔT	121	122	129	141	125	128	135	147	130	133	141	153	134	137	145	157	137	141	148	161	142	146	154	166
		kW	0.94	0.94	0.94	0.94	1.08	1.08	1.08	1.09	1.25	1.25	1.25	1.26	1.44	1.44	1.44	1.45	1.65	1.65	1.65	1.66	1.90	1.90	1.90	1.91
		Amps	3.9	3.9	3.9	4.0	4.4	4.4	4.4	4.4	5.0	5.0	5.0	5.0	5.7	5.7	5.7	5.7	6.6	6.6	6.5	6.6	7.8	7.8	7.7	7.8
		Hi PR	240	241	242	247	281	282	284	288	325	326	328	332	373	374	376	380	426	427	429	433	483	484	486	490
		Lo PR	236	237	239	243	277	278	280	284	321	322	324	328	369	370	372	376	422	423	425	429	479	480	482	487
	700	MBh	19.4	19.6	20.2	21.0	18.8	19.1	19.6	20.4	18.0	18.2	18.8	19.6	16.8	17.1	17.6	18.4	15.6	15.8	16.3	17.1	14.4	14.6	15.1	15.9
		S/T	1.01	0.99	0.85	0.71	1.01	0.99	0.85	0.71	1.01	1.01	0.87	0.73	1.00	1.00	0.89	0.75	1.00	1.00	0.91	0.77	0.99	0.99	0.99	0.81
		ΔT	28	27	23	20	28	26	23	19	27	26	22	19	26	25	22	19	26	24	21	18	26	24	21	18
		kW	0.94	0.94	0.94	0.95	1.09	1.09	1.09	1.10	1.26	1.26	1.26	1.27	1.45	1.44	1.44	1.45	1.66	1.66	1.66	1.66	1.91	1.91	1.91	1.92
		Amps	4.0	4.0	3.9	4.0	4.4	4.4	4.4	4.5	5.0	5.0	5.0	5.0	5.7	5.7	5.7	5.7	6.6	6.6	6.6	6.6	7.8	7.8	7.8	7.8
		Hi PR	242	243	245	249	283	284	286	290	327	328	330	334	375	377	378	383	428	429	431	435	486	487	489	493
		Lo PR	126	129	136	148	132	135	142	155	136	140	148	160	140	144	152	164	144	148	155	168	149	152	160	173

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			Outdoor Ambient Temperature																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			Entering Indoor Wet Bulb Temperature																							
IDB*	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
70	680	MBh	20.3	25.6	26.3		24.4	24.7	25.5		23.1	23.5	24.2		21.5	21.8	22.5		19.7	20.0	20.7		18.0	18.3	19.0	
		S/T	0.63	0.51	0.37		0.59	0.51	0.38		0.61	0.53	0.40		0.63	0.55	0.42		0.64	0.57	0.44		0.69	0.62	0.49	
		ΔT	22	19	15		20	18	15		20	18	15		19	17	14		18	16	13		19	17	14	
		kW	1.09	1.57	1.56		1.78	1.78	1.78		2.02	2.02	2.01		2.28	2.27	2.27		2.57	2.56	2.56		2.91	2.90	2.90	
		Amps	4.4	6.0	6.0		6.8	6.8	6.8		7.8	7.8	7.8		8.9	8.9	8.9		10.0	10.0	9.9		10.1	10.2	10.2	
		Hi PR	243	261	263		303	304	306		349	350	352		399	401	402		454	455	457		513	514	516	
		Lo PR	120	119	126		121	125	132		126	130	138		130	134	141		133	137	145		138	142	150	
	800	MBh	23.2	26.0	26.7		24.8	25.1	25.8		23.5	23.8	24.6		21.8	22.2	22.9		20.0	20.3	21.0		18.3	18.7	19.3	
		S/T	0.69	0.58	0.45		0.66	0.59	0.45		0.68	0.61	0.48		0.70	0.62	0.49		0.72	0.64	0.51		0.76	0.69	0.56	
		ΔT	21	17	14		19	17	13		18	17	13		18	16	13		17	15	12		17	16	13	
		kW	1.28	1.58	1.58		1.79	1.79	1.79		2.03	2.03	2.03		2.29	2.29	2.28		2.58	2.58	2.57		2.92	2.92	2.91	
		Amps	5.0	6.0	6.0		6.9	6.9	6.8		7.9	7.9	7.9		9.0	9.0	9.0		10.0	10.0	10.0		10.1	10.1	10.1	
		Hi PR	251	263	265		306	307	309		352	353	355		402	403	405		457	458	460		516	517	519	
		Lo PR	120	121	129		123	127	135		128	132	140		131	136	144		135	139	147		140	144	152	
	920	MBh	26.1	26.5	27.2		25.2	25.6	26.3		24.0	24.3	25.0		22.3	22.6	23.3		20.4	20.8	21.4		18.8	19.1	19.7	
		S/T	0.70	0.62	0.49		0.70	0.62	0.49		0.72	0.65	0.51		0.74	0.66	0.53		0.75	0.68	0.55		0.80	0.73	0.60	
		ΔT	18	16	13		17	16	12		17	15	12		16	15	12		16	14	11		16	15	12	
		kW	1.59	1.59	1.59		1.80	1.80	1.80		2.04	2.04	2.04		2.30	2.30	2.29		2.59	2.59	2.58		2.93	2.93	2.92	
		Amps	6.1	6.1	6.1		6.9	6.9	6.9		7.9	7.9	7.9		9.1	9.0	9.0		10.0	10.0	10.0		10.1	10.1	10.1	
		Hi PR	265	266	268		308	310	311		355	356	358		405	406	408		459	461	463		518	520	522	
		Lo PR	119	124	131		125	129	137		130	134	142		134	138	146		137	142	150		142	146	154	
75	680	MBh	20.3	25.6	26.3	27.5	24.4	24.7	25.5	26.6	23.1	23.5	24.2	25.3	21.5	21.8	22.5	23.6	19.7	20.0	20.7	21.7	18.0	18.3	19.0	20.0
		S/T	0.77	0.64	0.50	0.36	0.71	0.64	0.51	0.36	0.74	0.66	0.53	0.39	0.75	0.68	0.54	0.41	0.77	0.70	0.56	0.42	0.99	0.74	0.61	0.47
		ΔT	26	23	19	16	24	22	19	15	24	22	18	15	23	21	18	14	22	20	17	14	22	20	17	14
		kW	1.09	1.57	1.56	1.58	1.78	1.78	1.77	1.79	2.02	2.01	2.01	2.03	2.27	2.27	2.27	2.29	2.56	2.56	2.56	2.57	2.90	2.90	2.90	2.91
		Amps	4.4	6.0	6.0	6.0	6.8	6.8	6.8	6.8	7.8	7.8	7.8	7.9	8.9	8.9	8.9	9.0	10.0	9.9	9.9	10.0	10.2	10.2	10.2	10.1
		Hi PR	244	261	263	267	303	304	306	311	349	351	352	357	400	401	403	407	454	455	457	462	513	514	516	521
		Lo PR	120	119	126	138	121	125	133	144	126	130	138	149	130	134	142	153	133	138	145	157	138	142	150	162
	800	MBh	23.2	26.0	26.7	27.9	24.8	25.1	25.9	27.0	23.5	23.9	24.6	25.7	21.9	**22.2**	22.9	24.0	20.0	20.3	21.0	22.1	18.4	18.7	19.3	20.3
		S/T	0.83	0.71	0.58	0.44	0.79	0.71	0.58	0.44	0.81	0.73	0.60	0.46	0.82	**0.75**	0.62	0.48	1.00	0.77	0.64	0.50	0.99	0.82	0.68	0.55
		ΔT	25	21	18	14	23	21	17	14	22	20	17	14	21	**20**	16	13	20	19	16	12	21	19	16	13
		kW	1.28	1.58	1.58	1.59	1.79	1.79	1.79	1.80	2.03	2.03	2.02	2.04	2.29	**2.29**	2.28	2.30	2.58	2.58	2.57	2.59	2.92	2.92	2.91	2.93
		Amps	5.0	6.0	6.0	6.1	6.9	6.8	6.8	6.9	7.9	7.9	7.8	7.9	9.0	**9.0**	9.0	9.0	10.0	10.0	10.0	10.0	10.1	10.1	10.1	10.1
		Hi PR	251	264	265	270	306	307	309	314	352	353	355	360	402	**403**	405	410	457	458	460	465	516	517	519	524
		Lo PR	120	121	129	140	123	127	135	146	128	132	140	151	132	**136**	144	155	135	140	147	159	140	144	152	164
	920	MBh	26.1	26.5	27.2	28.4	25.2	25.6	26.3	27.5	24.0	24.3	25.0	26.1	22.3	22.6	23.3	24.4	20.5	20.8	21.5	22.5	18.8	19.1	19.8	20.8
		S/T	0.82	0.75	0.61	0.47	0.83	0.75	0.62	0.48	0.85	0.77	0.64	0.50	1.00	0.79	0.66	0.52	1.00	0.81	0.67	0.54	0.99	0.85	0.72	0.58
		ΔT	22	20	17	13	21	20	16	13	21	19	16	13	20	19	15	12	19	18	15	11	20	18	15	12
		kW	1.59	1.59	1.59	1.60	1.80	1.80	1.80	1.81	2.04	2.04	2.04	2.05	2.30	2.30	2.29	2.31	2.59	2.59	2.58	2.60	2.93	2.93	2.92	2.94
		Amps	6.1	6.1	6.1	6.1	6.9	6.9	6.9	7.0	7.9	7.9	7.9	8.0	9.0	9.0	9.0	9.1	10.0	10.0	10.0	10.1	10.1	10.1	10.1	10.1
		Hi PR	265	266	268	273	309	310	312	316	355	356	358	362	405	406	408	413	460	461	463	467	519	520	522	526
		Lo PR	119	124	131	142	125	129	137	149	130	134	142	154	134	138	146	158	137	142	150	162	142	147	154	167

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			Outdoor Ambient Temperature																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			Entering Indoor Wet Bulb Temperature																							
IDB*	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
80	680	MBh	21.9	25.7	26.5	27.6	24.5	24.9	25.6	26.7	23.3	23.6	24.3	25.4	21.6	21.9	22.6	23.7	19.8	20.1	20.8	21.8	18.1	18.4	19.1	20.1
		S/T	0.89	0.76	0.63	0.48	0.84	0.76	0.63	0.49	1.01	0.78	0.65	0.51	1.00	0.80	0.67	0.53	1.00	0.82	0.69	0.55	0.99	0.86	0.73	0.59
		ΔT	31	27	23	20	28	26	23	19	27	26	22	19	26	25	21	18	25	24	21	17	26	24	21	18
		kW	1.19	1.57	1.56	1.58	1.78	1.78	1.78	1.79	2.02	2.02	2.01	2.03	2.28	2.27	2.27	2.29	2.56	2.56	2.56	2.58	2.90	2.90	2.90	2.92
		Amps	4.7	6.0	6.0	6.0	6.8	6.8	6.8	6.9	7.8	7.8	7.8	7.9	8.9	8.9	8.9	9.0	10.0	10.0	9.9	10.0	10.2	10.2	10.2	10.1
		Hi PR	247	261	263	268	304	305	307	311	350	351	353	358	400	401	403	408	455	456	458	462	514	515	517	522
		Lo PR	120	120	127	138	121	126	133	144	126	131	138	150	130	134	142	154	134	138	146	158	138	143	151	163
	800	MBh	25.2	26.1	26.9	28.0	24.9	25.2	26.0	27.1	23.6	24.0	24.7	25.8	22.0	22.3	**23.2**	24.1	20.1	20.5	21.1	22.2	18.5	18.8	19.4	20.5
		S/T	0.95	0.83	0.70	0.56	1.01	0.84	0.70	0.56	1.01	0.86	0.72	0.58	1.00	0.87	**0.74**	0.60	1.00	0.89	0.76	0.62	0.99	0.94	0.81	0.67
		ΔT	30	25	22	18	27	25	21	18	26	24	21	18	25	23	**20**	17	24	23	19	16	25	23	20	17
		kW	1.42	1.58	1.58	1.59	1.79	1.79	1.79	1.80	2.03	2.03	2.03	2.04	2.29	2.29	**2.27**	2.30	2.58	2.58	2.57	2.59	2.92	2.92	2.91	2.93
		Amps	5.5	6.0	6.0	6.1	6.9	6.9	6.8	6.9	7.9	7.9	7.9	7.9	9.0	9.0	**9.2**	9.1	10.0	10.0	10.0	10.0	10.1	10.1	10.1	10.1
		Hi PR	255	264	266	270	306	308	309	314	353	354	356	360	403	404	**407**	411	458	459	461	465	517	518	520	524
		Lo PR	119	122	129	140	123	128	135	147	128	133	140	152	132	136	**146**	156	136	140	148	160	140	145	153	165
	920	MBh	26.2	26.6	27.4	28.5	25.4	25.7	26.5	27.6	24.1	24.4	25.2	26.3	22.4	22.8	23.5	24.5	20.6	20.9	21.6	22.6	18.9	19.2	19.9	20.9
		S/T	0.95	0.87	0.74	0.60	1.01	0.87	0.74	0.60	1.01	0.89	0.76	0.62	1.00	0.91	0.78	0.64	1.00	0.93	0.80	0.66	0.99	0.99	0.84	0.70
		ΔT	26	24	21	17	25	24	20	17	25	23	20	17	24	22	19	16	23	22	18	15	24	22	19	16
		kW	1.59	1.59	1.59	1.60	1.80	1.80	1.80	1.81	2.04	2.04	2.04	2.05	2.30	2.30	2.29	2.31	2.59	2.59	2.58	2.60	2.93	2.93	2.92	2.94
		Amps	6.1	6.1	6.1	6.1	6.9	6.9	6.9	7.0	7.9	7.9	7.9	8.0	9.1	9.0	9.0	9.1	10.0	10.0	10.0	10.1	10.1	10.1	10.1	10.1
		Hi PR	266	267	269	273	309	310	312	317	355	356	358	363	405	407	408	413	460	461	463	468	519	520	522	527
		Lo PR	120	124	131	143	126	130	138	149	130	135	143	154	134	139	146	158	138	142	150	162	142	147	155	167
85	680	MBh	23.4	26.1	26.9	28.1	24.9	25.3	26.0	27.1	23.7	24.0	24.7	25.8	22.0	22.3	23.0	24.1	20.2	20.5	21.2	22.2	18.5	18.8	19.5	20.5
		S/T	1.01	0.86	0.73	0.58	1.01	0.86	0.73	0.59	1.01	0.88	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.78	0.65	0.99	0.99	0.83	0.69
		ΔT	35	31	27	23	31	30	26	23	31	29	26	22	30	28	25	22	29	27	24	21	29	27	24	21
		kW	1.27	1.57	1.57	1.58	1.78	1.78	1.78	1.79	2.02	2.02	2.02	2.03	2.28	2.28	2.27	2.29	2.57	2.57	2.56	2.58	2.91	2.91	2.90	2.92
		Amps	5.0	6.0	6.0	6.0	6.8	6.8	6.8	6.9	7.8	7.8	7.8	7.9	9.0	9.0	8.9	9.0	10.0	10.0	10.0	10.0	10.1	10.1	10.2	10.1
		Hi PR	250	263	265	269	305	306	308	313	351	352	354	359	401	402	404	409	456	457	459	464	515	516	518	523
		Lo PR	120	121	129	140	123	127	135	146	128	132	140	152	132	136	144	156	135	140	148	159	140	144	152	164
	800	MBh	26.2	26.5	27.3	28.4	25.3	25.7	26.4	27.5	24.0	24.4	25.1	26.2	22.4	22.7	23.4	24.5	20.5	20.8	21.5	22.6	18.8	19.2	19.8	20.8
		S/T	1.01	0.93	0.80	0.66	1.01	0.94	0.80	0.66	1.01	0.96	0.82	0.68	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	0.99	0.99	0.90	0.77
		ΔT	120	119	126	138	121	125	133	144	126	130	138	149	130	134	142	153	133	138	145	157	138	142	150	162
		kW	1.59	1.58	1.58	1.60	1.80	1.80	1.79	1.81	2.03	2.03	2.03	2.05	2.29	2.29	2.29	2.30	2.58	2.58	2.58	2.59	2.92	2.92	2.92	2.93
		Amps	6.1	6.1	6.0	6.1	6.9	6.9	6.9	6.9	7.9	7.9	7.9	7.9	9.0	9.0	9.0	9.1	10.0	10.0	10.0	10.0	10.1	10.1	10.1	10.1
		Hi PR	264	265	267	272	308	309	311	315	354	355	357	361	404	405	407	412	459	460	462	467	518	519	521	526
		Lo PR	247	261	263	268	304	305	307	311	350	351	353	358	400	401	403	408	455	456	458	462	514	515	517	522
	920	MBh	26.7	27.0	27.8	28.9	25.8	26.1	26.9	28.0	24.5	24.8	25.6	26.7	22.8	23.2	23.9	24.9	21.0	21.3	22.0	23.0	19.3	19.6	20.3	21.3
		S/T	1.01	0.97	0.84	0.70	1.01	0.97	0.84	0.70	1.01	1.01	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	0.89	0.76	0.99	0.99	0.94	0.80
		ΔT	30	28	25	21	29	27	24	20	29	27	23	20	27	26	23	19	26	25	22	18	27	25	22	19
		kW	1.60	1.59	1.59	1.61	1.81	1.81	1.80	1.82	2.05	2.04	2.04	2.06	2.30	2.30	2.30	2.31	2.59	2.59	2.59	2.60	2.93	2.93	2.93	2.94
		Amps	6.1	6.1	6.1	6.1	6.9	6.9	6.9	7.0	7.9	7.9	7.9	8.0	9.1	9.1	9.0	9.1	10.0	10.0	10.0	10.1	10.1	10.1	10.1	10.1
		Hi PR	267	268	270	274	310	311	313	318	356	358	359	364	407	408	410	414	461	463	464	469	520	522	524	528
		Lo PR	122	126	133	145	127	132	139	151	132	137	144	156	136	140	148	160	139	144	152	164	144	149	157	169

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			Outdoor Ambient Temperature																					
			65°F				75°F				85°F				95°F				105°F				115°F			
			Entering Indoor Wet Bulb Temperature																							
IDB*	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
70	860	MBh	31.0	31.3	32.2		29.8	30.3	31.2		28.3	28.7	29.6		26.3	26.7	27.5		24.0	24.4	25.3		22.0	22.4	23.2	
		S/T	0.60	0.52	0.38		0.60	0.52	0.39		0.63	0.55	0.41		0.65	0.57	0.44		0.68	0.60	0.46		0.73	0.66	0.52	
		ΔT	22	18	15		20	18	14		19	18	14		19	17	14		18	16	13		18	17	14	
		kW	1.82	2.03	2.02		2.27	2.27	2.27		2.54	2.54	2.54		2.83	2.83	2.83		3.15	3.15	3.15		3.53	3.52	3.52	
		Amps	6.7	7.6	7.5		8.6	8.6	8.6		9.8	9.8	9.8		11.0	11.0	11.0		12.4	12.4	12.4		13.9	13.9	13.9	
		Hi PR	274	275	277		317	318	320		362	364	365		411	412	414		464	465	467		520	521	523	
		Lo PR	119	120	126		123	126	133		127	131	138		131	135	142		135	138	145		140	143	150	
	1010	MBh	31.5	31.8	32.7		30.3	30.7	31.6		28.8	29.2	30.1		26.7	27.1	28.0		24.5	24.9	25.7		22.4	22.8	23.6	
		S/T	0.68	0.59	0.46		0.68	0.60	0.46		0.71	0.63	0.49		0.73	0.65	0.51		0.76	0.68	0.54		0.81	0.73	0.59	
		ΔT	21	17	13		18	16	13		18	16	13		17	16	12		17	15	12		17	16	13	
		kW	1.84	2.04	2.04		2.29	2.29	2.28		2.56	2.56	2.55		2.85	2.85	2.84		3.17	3.17	3.16		3.54	3.54	3.54	
		Amps	6.8	7.6	7.6		8.7	8.7	8.7		9.9	9.9	9.8		11.1	11.1	11.1		12.5	12.4	12.4		14.0	14.0	14.0	
		Hi PR	277	278	280		320	321	323		365	366	368		414	415	417		467	468	470		523	524	526	
		Lo PR	121	122	129		125	128	135		129	133	140		133	137	144		137	140	147		142	145	152	
	1160	MBh	32.0	32.4	33.3		30.9	31.3	32.2		29.3	29.7	30.6		27.3	27.7	28.5		25.0	25.4	26.2		23.0	23.3	24.2	
		S/T	0.71	0.63	0.49		0.72	0.64	0.50		0.74	0.67	0.53		0.77	0.69	0.55		0.79	0.72	0.58		1.01	0.77	0.63	
		ΔT	18	16	12		17	15	12		17	15	12		16	15	11		16	14	11		16	15	12	
		kW	2.06	2.06	2.05		2.30	2.30	2.30		2.57	2.57	2.57		2.86	2.86	2.86		3.18	3.18	3.18		3.55	3.55	3.55	
		Amps	7.7	7.7	7.7		8.8	8.7	8.7		9.9	9.9	9.9		11.2	11.1	11.1		12.5	12.5	12.5		14.1	14.1	14.0	
		Hi PR	279	280	282		323	324	326		368	369	371		417	418	420		469	471	472		526	527	529	
		Lo PR	121	124	131		127	130	137		132	135	142		136	139	146		139	143	150		144	147	155	
75	860	MBh	31.0	31.3	32.3	33.7	29.9	30.3	31.2	32.6	28.3	28.7	29.6	31.0	26.3	26.7	27.6	28.9	24.1	24.5	25.3	26.6	22.0	22.4	23.2	24.5
		S/T	0.73	0.64	0.51	0.37	0.73	0.65	0.52	0.37	0.76	0.68	0.55	0.40	0.78	0.71	0.57	0.42	1.01	0.73	0.59	0.45	1.01	0.79	0.65	0.50
		ΔT	27	22	19	15	24	22	18	15	23	21	18	15	22	21	17	14	21	20	17	14	22	20	17	14
		kW	1.82	2.03	2.02	2.04	2.27	2.27	2.27	2.29	2.54	2.54	2.54	2.56	2.83	2.83	2.83	2.84	3.15	3.15	3.14	3.16	3.52	3.52	3.52	3.54
		Amps	6.7	7.5	7.5	7.6	8.6	8.6	8.6	8.7	9.8	9.8	9.8	9.8	11.0	11.0	11.0	11.1	12.4	12.4	12.4	12.4	13.9	13.9	13.9	14.0
		Hi PR	274	275	277	282	317	318	320	325	363	364	366	370	411	413	415	419	464	465	467	472	520	521	523	528
		Lo PR	119	120	127	138	123	126	133	144	127	131	138	149	131	135	142	153	135	138	145	157	140	143	150	162
	1010	MBh	31.5	31.8	32.7	34.2	30.3	30.8	31.7	33.0	28.8	29.2	30.1	31.4	26.7	**27.1**	28.0	29.3	24.5	24.9	25.7	27.0	22.5	22.8	23.6	24.9
		S/T	0.81	0.72	0.58	0.44	0.81	0.73	0.59	0.45	0.84	0.76	0.62	0.48	1.00	**0.78**	0.64	0.50	1.01	0.81	0.67	0.52	1.01	0.87	0.73	0.58
		ΔT	25	21	18	14	22	20	17	14	22	20	17	13	21	**19**	16	13	20	19	15	12	21	19	16	13
		kW	1.84	2.04	2.04	2.06	2.29	2.29	2.28	2.30	2.56	2.56	2.55	2.57	2.85	**2.85**	2.84	2.86	3.17	3.17	3.16	3.18	3.54	3.54	3.53	3.55
		Amps	6.8	7.6	7.6	7.7	8.7	8.7	8.7	8.7	9.9	9.8	9.8	9.9	11.1	**11.1**	11.1	11.1	12.4	12.4	12.4	12.5	14.0	14.0	14.0	14.1
		Hi PR	277	278	280	285	320	321	323	328	365	367	368	373	414	**415**	417	422	467	468	470	475	523	524	526	531
		Lo PR	121	122	129	140	125	128	135	146	130	133	140	151	133	**137**	144	155	137	140	147	159	142	145	152	164
	1160	MBh	32.0	32.4	33.3	34.8	30.9	31.3	32.2	33.6	29.4	29.8	30.6	32.0	27.3	27.7	28.6	29.9	25.0	25.4	26.3	27.5	23.0	23.4	24.2	25.4
		S/T	0.83	0.76	0.62	0.48	0.85	0.77	0.63	0.49	0.87	0.80	0.66	0.52	1.00	0.82	0.68	0.54	1.01	0.85	0.71	0.56	1.01	0.90	0.77	0.62
		ΔT	22	20	16	13	21	19	16	12	21	19	16	12	20	18	15	12	19	18	14	11	20	18	15	12
		kW	2.06	2.06	2.05	2.07	2.30	2.30	2.30	2.32	2.57	2.57	2.57	2.59	2.86	2.86	2.85	2.87	3.18	3.18	3.17	3.19	3.55	3.55	3.55	3.57
		Amps	7.7	7.7	7.7	7.7	8.7	8.7	8.7	8.8	9.9	9.9	9.9	10.0	11.1	11.1	11.1	11.2	12.5	12.5	12.5	12.6	14.1	14.0	14.0	14.1
		Hi PR	279	281	283	287	323	324	326	331	368	369	371	376	417	418	420	425	470	471	473	477	526	527	529	534
		Lo PR	121	124	131	142	127	130	137	149	132	135	142	154	136	139	146	158	139	143	150	162	144	147	155	167

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			Outdoor Ambient Temperature																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			Entering Indoor Wet Bulb Temperature																							
IDB*	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
80	860	MBh	31.2	31.5	32.4	33.8	30.0	30.4	31.3	32.7	28.5	28.9	29.8	31.1	26.4	26.9	27.7	29.0	24.2	24.6	25.4	26.7	22.2	22.6	23.4	24.6
		S/T	0.86	0.77	0.63	0.49	0.99	0.78	0.64	0.50	1.00	0.81	0.67	0.53	1.00	0.83	0.70	0.55	1.01	0.86	0.72	0.58	1.01	0.92	0.78	0.63
		ΔT	31	26	23	19	27	26	22	19	27	25	22	19	26	24	21	18	25	23	20	17	25	24	21	18
		kW	1.82	2.03	2.02	2.04	2.27	2.27	2.27	2.29	2.54	2.54	2.54	2.56	2.83	2.83	2.83	2.85	3.15	3.15	3.15	3.17	3.53	3.52	3.52	3.54
		Amps	6.7	7.6	7.5	7.6	8.6	8.6	8.6	8.7	9.8	9.8	9.8	9.8	11.0	11.0	11.0	11.1	12.4	12.4	12.4	12.4	13.9	13.9	13.9	14.0
		Hi PR	274	276	278	282	318	319	321	326	363	364	366	371	412	413	415	420	465	466	468	472	521	522	524	529
		Lo PR	120	120	127	138	123	126	133	144	128	131	138	150	132	135	142	154	135	139	146	158	140	144	151	163
	1010	MBh	31.5	32.0	32.9	34.3	30.5	30.9	31.8	33.2	28.9	29.4	30.2	31.6	26.9	27.3	**28.4**	29.5	24.6	25.0	25.9	27.1	22.6	23.0	23.8	25.0
		S/T	0.92	0.85	0.71	0.57	0.99	0.86	0.72	0.58	1.00	0.89	0.75	0.60	1.00	0.91	**0.77**	0.63	1.01	0.94	0.80	0.65	1.01	1.01	0.86	0.71
		ΔT	27	25	22	18	26	24	21	18	26	24	21	17	25	23	**20**	17	24	22	19	16	24	23	20	17
		kW	2.05	2.04	2.04	2.06	2.29	2.29	2.28	2.30	2.56	2.56	2.55	2.57	2.85	2.85	**2.84**	2.86	3.17	3.17	3.16	3.18	3.54	3.54	3.53	3.55
		Amps	7.6	7.6	7.6	7.7	8.7	8.7	8.7	8.8	9.9	9.9	9.8	9.9	11.1	11.1	**11.0**	11.2	12.5	12.4	12.4	12.5	14.0	14.0	14.0	14.1
		Hi PR	277	278	280	285	321	322	324	328	366	367	369	374	415	416	**415**	423	467	469	470	475	524	525	527	531
		Lo PR	119	122	129	140	125	128	135	147	130	133	140	152	134	137	**146**	156	137	141	148	160	142	146	153	165
	1160	MBh	32.1	32.6	33.5	34.9	31.1	31.5	32.4	33.8	29.5	29.9	30.8	32.1	27.4	27.8	28.7	30.0	25.2	25.6	26.4	27.7	23.1	23.5	24.3	25.5
		S/T	0.96	0.88	0.75	0.61	0.99	0.89	0.76	0.61	1.00	0.92	0.79	0.64	1.00	0.95	0.81	0.67	1.01	0.98	0.84	0.69	1.01	1.01	0.89	0.75
		ΔT	26	24	20	17	25	23	20	16	25	23	20	16	24	22	19	16	23	21	18	15	23	22	19	16
		kW	2.06	2.06	2.05	2.07	2.30	2.30	2.30	2.32	2.57	2.57	2.57	2.59	2.86	2.86	2.86	2.88	3.18	3.18	3.18	3.19	3.55	3.55	3.55	3.57
		Amps	7.7	7.7	7.7	7.8	8.8	8.7	8.7	8.8	9.9	9.9	9.9	10.0	11.2	11.1	11.1	11.2	12.5	12.5	12.5	12.6	14.1	14.1	14.0	14.1
		Hi PR	280	281	283	288	323	324	326	331	369	370	372	376	417	419	421	425	470	471	473	478	526	527	529	534
		Lo PR	122	125	132	143	127	131	138	149	132	136	143	154	136	139	147	158	140	143	150	162	144	148	155	167
85	860	MBh	31.7	32.0	32.9	34.4	30.5	31.0	31.9	33.2	29.0	29.4	30.3	31.6	26.9	27.3	28.2	29.5	24.7	25.1	25.9	27.2	22.6	23.0	23.8	25.1
		S/T	0.99	0.87	0.74	0.59	0.99	0.88	0.75	0.60	1.00	0.91	0.78	0.63	1.00	1.00	0.80	0.65	1.01	1.01	0.82	0.68	1.01	1.01	0.88	0.73
		ΔT	35	30	27	23	31	29	26	22	30	29	25	22	29	28	25	21	28	27	24	20	29	27	24	21
		kW	1.83	2.03	2.03	2.05	2.28	2.28	2.27	2.29	2.55	2.55	2.54	2.56	2.84	2.84	2.83	2.85	3.16	3.16	3.15	3.17	3.53	3.53	3.52	3.54
		Amps	6.8	7.6	7.6	7.6	8.6	8.6	8.6	8.7	9.8	9.8	9.8	9.9	11.1	11.0	11.0	11.1	12.4	12.4	12.4	12.5	14.0	14.0	13.9	14.0
		Hi PR	276	277	279	284	319	320	322	327	364	366	367	372	413	414	416	421	466	467	469	474	522	523	525	530
		Lo PR	122	122	129	140	125	128	135	146	130	133	140	151	134	137	144	156	137	141	148	159	142	145	153	164
	1010	MBh	32.1	32.5	33.4	34.8	31.0	31.4	32.3	33.7	29.4	29.8	30.7	32.1	27.4	27.8	28.6	29.9	25.1	25.5	26.3	27.6	23.1	23.4	24.2	25.5
		S/T	0.99	0.95	0.81	0.67	0.99	0.96	0.82	0.68	1.00	0.99	0.85	0.71	1.00	1.00	0.88	0.73	1.01	1.01	0.90	0.76	1.01	1.01	0.96	0.81
		ΔT	119	120	127	138	123	126	133	144	127	131	138	149	131	135	142	153	135	138	145	157	140	143	150	162
		kW	2.05	2.05	2.04	2.06	2.30	2.29	2.29	2.31	2.57	2.56	2.56	2.58	2.85	2.85	2.85	2.87	3.17	3.17	3.17	3.19	3.55	3.54	3.54	3.56
		Amps	7.7	7.6	7.6	7.7	8.7	8.7	8.7	8.8	9.9	9.9	9.9	9.9	11.1	11.1	11.1	11.2	12.5	12.5	12.4	12.5	14.0	14.0	14.0	14.1
		Hi PR	279	280	282	286	322	323	325	330	367	368	370	375	416	417	419	424	469	470	472	477	525	526	528	533
		Lo PR	274	276	278	282	318	319	321	326	363	364	366	371	412	413	415	420	465	466	468	472	521	522	524	529
	1160	MBh	32.7	33.1	34.0	35.4	31.6	32.0	32.9	34.3	30.0	30.4	31.3	32.6	27.9	28.3	29.2	30.5	25.6	26.0	26.9	28.1	23.6	24.0	24.8	26.0
		S/T	0.99	0.99	0.85	0.71	0.99	0.99	0.86	0.72	1.00	1.00	0.89	0.75	1.00	1.00	0.91	0.77	1.01	1.01	0.94	0.79	1.01	1.01	1.00	0.85
		ΔT	29	28	24	21	29	27	23	20	28	26	23	20	27	25	22	19	26	24	21	18	26	25	22	19
		kW	2.06	2.06	2.06	2.08	2.31	2.31	2.30	2.32	2.58	2.58	2.57	2.59	2.87	2.87	2.86	2.88	3.19	3.18	3.18	3.20	3.56	3.56	3.55	3.57
		Amps	7.7	7.7	7.7	7.8	8.8	8.8	8.7	8.8	9.9	9.9	9.9	10.0	11.2	11.2	11.1	11.2	12.5	12.5	12.5	12.6	14.1	14.1	14.1	14.1
		Hi PR	281	282	284	289	325	326	328	332	370	371	373	378	419	420	422	427	471	473	475	479	528	529	531	535
		Lo PR	123	127	133	145	129	132	139	151	134	137	144	156	138	141	148	160	141	145	152	164	146	150	157	169

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			OUTDOOR AMBIENT TEMPERATURE																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB*	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
70	1070	MBh	30.3	34.1	39.0		36.0	36.5	37.6		34.0	34.5	35.5		31.4	31.9	32.9		28.6	29.1	30.1		26.7	27.1	28.1	
		S/T	0.65	0.55	0.39		0.61	0.53	0.39		0.63	0.56	0.42		0.65	0.57	0.44		0.67	0.59	0.46		1.00	0.66	0.52	
		ΔT	21	20	14		19	17	14		19	17	14		18	16	13		17	15	12		20	18	15	
		kW	1.75	1.99	2.68		3.03	3.03	3.03		3.42	3.42	3.41		3.83	3.83	3.83		4.30	4.29	4.29		4.38	4.38	4.37	
		Amps	6.3	7.2	10.0		11.5	11.4	11.4		13.1	13.1	13.0		14.8	14.8	14.7		16.6	16.6	16.6		16.9	16.9	16.9	
		Hi PR	282	287	295		333	334	336		375	376	378		420	421	423		466	468	469		514	515	517	
		Lo PR	119	119	121		120	123	129		127	130	136		133	135	142		139	141	148		147	150	157	
	1260	MBh	32.5	37.5	39.6		36.5	37.0	38.1		34.5	35.0	36.1		32.0	32.5	33.5		29.2	29.6	30.6		27.2	27.6	28.6	
		S/T	0.73	0.63	0.47		0.69	0.61	0.47		0.71	0.63	0.49		0.73	0.65	0.51		0.75	0.67	0.53		1.00	0.74	0.60	
		ΔT	20	18	13		18	16	13		17	16	12		16	15	12		16	14	11		18	17	13	
		kW	1.89	2.27	2.70		3.06	3.05	3.05		3.44	3.44	3.43		3.86	3.85	3.85		4.32	4.32	4.31		4.40	4.40	4.39	
		Amps	6.8	8.3	10.0		11.6	11.5	11.5		13.2	13.1	13.1		14.9	14.8	14.8		16.7	16.7	16.7		17.0	17.0	16.9	
		Hi PR	287	293	298		336	337	339		378	379	381		422	424	426		469	470	472		517	518	520	
		Lo PR	120	119	123		122	125	131		129	132	138		135	138	144		141	143	150		149	152	159	
	1450	MBh	37.7	39.2	40.3		37.2	37.7	38.8		35.2	35.7	36.8		32.6	33.1	34.1		29.8	30.3	31.3		27.8	28.3	29.2	
		S/T	0.75	0.64	0.50		0.73	0.65	0.51		0.75	0.67	0.53		0.77	0.69	0.55		0.79	0.71	0.57		1.00	0.78	0.64	
		ΔT	19	15	12		17	15	12		16	15	11		15	14	11		15	13	10		17	15	12	
		kW	2.29	2.73	2.72		3.07	3.07	3.07		3.46	3.46	3.45		3.87	3.87	3.87		4.34	4.33	4.33		4.41	4.41	4.41	
		Amps	8.4	10.2	10.1		11.6	11.6	11.6		13.2	13.2	13.2		14.9	14.9	14.9		16.8	16.8	16.7		17.0	17.0	17.0	
		Hi PR	295	299	301		339	340	342		381	382	384		425	426	428		472	473	475		519	521	522	
		Lo PR	119	119	126		125	127	133		131	134	140		137	140	147		143	146	153		151	154	161	
75	1070	MBh	30.3	34.1	39.0	40.7	36.0	36.5	37.6	39.2	34.0	34.5	35.6	37.2	31.5	31.9	33.0	34.5	28.7	29.1	30.1	31.6	26.7	27.1	28.1	29.6
		S/T	0.80	0.69	0.52	0.37	0.74	0.66	0.53	0.38	0.77	0.69	0.55	0.40	0.78	0.71	0.57	0.42	1.00	0.73	0.59	0.44	1.00	0.80	0.66	0.51
		ΔT	26	24	18	15	23	21	18	14	22	21	17	14	21	20	17	13	20	19	16	13	23	22	18	15
		kW	1.75	1.98	2.68	2.70	3.03	3.03	3.02	3.05	3.42	3.41	3.41	3.43	3.83	3.83	3.82	3.85	4.30	4.29	4.29	4.31	4.38	4.37	4.37	4.39
		Amps	6.3	7.2	9.9	10.1	11.4	11.4	11.4	11.5	13.1	13.0	13.0	13.1	14.8	14.7	14.7	14.8	16.6	16.6	16.6	16.7	16.9	16.9	16.9	17.0
		Hi PR	282	287	295	300	333	334	336	342	375	377	379	384	420	421	423	428	467	468	470	475	514	515	517	522
		Lo PR	119	119	121	132	120	123	129	140	127	130	136	147	133	136	142	154	139	141	148	160	147	150	157	169
	1260	MBh	32.5	37.5	39.6	41.3	36.5	37.1	38.1	39.8	34.6	35.1	36.1	37.7	32.0	**32.5**	33.5	35.1	29.2	29.6	30.6	32.2	27.2	27.7	28.6	30.1
		S/T	0.87	0.77	0.60	0.45	0.82	0.74	0.60	0.46	0.84	0.76	0.63	0.48	1.00	**0.78**	0.64	0.50	1.00	0.80	0.66	0.52	1.00	0.87	0.73	0.59
		ΔT	24	23	17	14	21	20	16	13	21	19	16	13	20	**18**	15	12	19	18	15	12	22	20	17	14
		kW	1.88	2.27	2.70	2.73	3.05	3.05	3.05	3.07	3.44	3.44	3.43	3.46	3.85	**3.85**	3.85	3.87	4.32	4.31	4.31	4.34	4.40	4.39	4.39	4.41
		Amps	6.8	8.3	10.0	10.2	11.5	11.5	11.5	11.6	13.1	13.1	13.1	13.2	14.8	**14.8**	14.8	14.9	16.7	16.7	16.7	16.8	17.0	17.0	16.9	17.0
		Hi PR	287	293	298	303	336	337	339	344	378	380	382	387	423	**424**	426	431	469	471	473	477	517	518	520	525
		Lo PR	120	119	123	134	122	125	131	142	129	132	138	149	135	**138**	144	156	141	143	150	162	149	152	159	171
	1450	MBh	37.7	39.2	40.3	42.0	37.2	37.8	38.8	40.5	35.2	35.7	36.8	38.4	32.7	33.1	34.2	35.7	29.8	30.3	31.3	32.8	27.8	28.3	29.3	30.8
		S/T	0.89	0.78	0.64	0.49	0.86	0.78	0.64	0.50	0.88	0.80	0.67	0.52	1.00	0.82	0.68	0.54	1.00	0.84	0.70	0.56	1.00	0.91	0.77	0.63
		ΔT	24	19	16	12	20	19	15	12	20	18	15	12	19	17	14	11	18	17	14	11	21	19	16	13
		kW	2.29	2.72	2.72	2.74	3.07	3.07	3.06	3.09	3.46	3.45	3.45	3.47	3.87	3.87	3.86	3.89	4.34	4.33	4.33	4.35	4.41	4.41	4.40	4.43
		Amps	8.4	10.1	10.1	10.2	11.6	11.6	11.6	11.7	13.2	13.2	13.2	13.3	14.9	14.9	14.9	15.0	16.8	16.7	16.7	16.8	17.0	17.0	17.0	17.1
		Hi PR	295	299	301	306	339	340	342	347	381	382	384	389	425	427	429	434	472	473	475	480	520	521	523	527
		Lo PR	119	119	126	136	125	127	133	145	131	134	140	152	137	140	147	158	143	146	153	165	151	154	161	174

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			OUTDOOR AMBIENT TEMPERATURE																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB*	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
80	1070	MBh	30.5	34.3	39.2	40.9	36.2	36.7	37.8	39.4	34.2	34.7	35.8	37.4	31.6	32.1	33.1	34.7	28.8	29.3	30.3	31.8	26.8	27.3	28.3	29.8
		S/T	0.93	0.83	0.65	0.50	0.87	0.79	0.65	0.51	1.01	0.82	0.68	0.53	1.00	0.83	0.69	0.55	1.00	0.85	0.72	0.57	1.00	1.00	0.79	0.64
		ΔT	30	28	22	19	26	25	22	18	26	24	21	18	25	23	20	17	24	22	19	16	27	25	22	19
		kW	1.75	1.98	2.68	2.71	3.03	3.03	3.02	3.05	3.42	3.42	3.41	3.44	3.83	3.83	3.82	3.85	4.30	4.29	4.29	4.31	4.38	4.38	4.37	4.39
		Amps	6.3	7.2	9.9	10.1	11.5	11.4	11.4	11.5	13.1	13.0	13.0	13.1	14.8	14.7	14.7	14.8	16.6	16.6	16.6	16.7	16.9	16.9	16.9	17.0
		Hi PR	283	288	296	301	334	335	337	342	376	377	379	384	420	422	423	428	467	468	470	475	515	516	518	522
		Lo PR	120	120	122	132	121	123	130	141	128	130	137	148	133	136	143	154	139	142	149	161	147	150	157	169
	1260	MBh	34.3	37.7	39.8	41.5	36.7	37.2	38.3	40.0	34.7	35.2	36.3	37.9	32.2	32.7	**34.2**	35.2	29.4	29.8	30.8	32.3	27.4	27.8	28.8	30.3
		S/T	0.99	0.90	0.73	0.58	1.01	0.87	0.73	0.58	1.01	0.89	0.75	0.61	1.00	0.91	**0.77**	0.63	1.00	0.93	0.79	0.65	1.00	1.00	0.86	0.72
		ΔT	29	27	21	18	25	23	20	17	25	23	20	17	24	22	**19**	16	23	21	18	15	26	24	21	18
		kW	2.00	2.27	2.70	2.73	3.06	3.05	3.05	3.07	3.44	3.44	3.43	3.46	3.86	3.85	**3.80**	3.87	4.32	4.32	4.31	4.34	4.40	4.39	4.39	4.41
		Amps	7.3	8.3	10.0	10.2	11.5	11.5	11.5	11.6	13.2	13.1	13.1	13.2	14.9	14.8	**14.4**	14.9	16.7	16.7	16.7	16.8	17.0	17.0	16.9	17.0
		Hi PR	289	294	299	304	337	338	340	345	379	380	382	387	423	424	**426**	431	470	471	473	478	517	519	521	525
		Lo PR	120	120	124	134	123	125	132	143	130	132	139	150	135	138	**146**	156	141	144	151	163	149	152	159	172
	1450	MBh	37.9	39.4	40.5	42.2	37.4	38.0	39.0	40.7	35.4	35.9	37.0	38.6	32.8	33.3	34.3	35.9	30.0	30.5	31.5	33.0	28.0	28.5	29.4	30.9
		S/T	1.01	0.90	0.77	0.62	1.01	0.91	0.77	0.62	1.01	0.93	0.79	0.65	1.00	0.95	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.90	0.76
		ΔT	28	23	20	16	24	22	19	16	24	22	19	16	23	21	18	15	22	20	17	14	25	23	20	17
		kW	2.29	2.73	2.72	2.75	3.07	3.07	3.07	3.09	3.46	3.46	3.45	3.48	3.87	3.87	3.87	3.89	4.34	4.33	4.33	4.35	4.41	4.41	4.41	4.43
		Amps	8.4	10.2	10.1	10.2	11.6	11.6	11.6	11.7	13.2	13.2	13.2	13.3	14.9	14.9	14.9	15.0	16.8	16.8	16.7	16.8	17.0	17.0	17.0	17.1
		Hi PR	296	300	302	307	340	341	343	348	382	383	385	390	426	427	429	434	473	474	476	481	520	521	523	528
		Lo PR	120	120	126	137	125	128	134	145	132	134	141	152	138	140	147	159	144	146	153	165	152	154	162	174
85	1070	MBh	34.4	37.8	39.8	41.5	36.8	37.3	38.4	40.0	34.8	35.3	36.3	38.0	32.2	32.7	33.7	35.3	29.4	29.9	30.9	32.4	27.4	27.9	28.8	30.3
		S/T	1.01	0.93	0.75	0.61	1.01	0.90	0.76	0.61	1.01	0.92	0.78	0.63	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	1.00	0.74
		ΔT	34	33	26	22	30	28	25	22	29	28	24	21	28	26	23	20	27	25	22	19	30	29	26	22
		kW	1.99	2.26	2.69	2.71	3.04	3.04	3.03	3.06	3.42	3.42	3.42	3.44	3.84	3.84	3.83	3.86	4.30	4.30	4.29	4.32	4.38	4.38	4.38	4.40
		Amps	7.2	8.2	10.0	10.1	11.5	11.5	11.4	11.6	13.1	13.1	13.1	13.2	14.8	14.8	14.8	14.9	16.6	16.6	16.6	16.7	16.9	16.9	16.9	17.0
		Hi PR	288	292	297	302	335	336	338	343	377	378	380	385	422	423	425	430	468	470	472	476	516	517	519	524
		Lo PR	119	120	124	134	123	125	131	142	129	132	138	150	135	138	144	156	141	144	151	162	149	152	159	171
	1260	MBh	37.8	39.3	40.4	42.1	37.3	37.9	38.9	40.6	35.3	35.8	36.9	38.5	32.7	33.2	34.3	35.8	29.9	30.4	31.4	32.9	27.9	28.4	29.4	30.9
		S/T	1.01	0.97	0.83	0.68	1.01	0.97	0.83	0.69	1.01	1.00	0.86	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.89	0.75	1.00	1.00	1.00	0.82
		ΔT	119	119	121	132	120	123	129	140	127	130	136	147	133	136	142	154	139	141	148	160	147	150	157	169
		kW	2.28	2.71	2.71	2.74	3.06	3.06	3.05	3.08	3.45	3.44	3.44	3.47	3.86	3.86	3.85	3.88	4.33	4.32	4.32	4.34	4.40	4.40	4.40	4.42
		Amps	8.3	10.1	10.1	10.2	11.6	11.6	11.5	11.7	13.2	13.2	13.1	13.3	14.9	14.9	14.8	15.0	16.7	16.7	16.7	16.8	17.0	17.0	17.0	17.1
		Hi PR	294	298	300	305	338	339	341	346	380	381	383	388	425	426	428	433	471	472	474	479	519	520	522	527
		Lo PR	283	288	296	301	334	335	337	342	376	377	379	384	420	422	423	428	467	468	470	475	515	516	518	522
	1450	MBh	39.5	40.0	41.1	42.8	38.1	38.6	39.7	41.3	36.0	36.5	37.6	39.2	33.4	33.9	34.9	36.5	30.6	31.0	32.0	33.5	28.5	29.0	30.0	31.5
		S/T	1.01	1.01	0.87	0.72	1.01	1.01	0.87	0.73	1.01	1.01	0.90	0.75	1.00	1.00	0.91	0.77	1.00	1.00	0.93	0.79	1.00	1.00	1.00	0.86
		ΔT	28	27	23	20	28	26	23	19	27	25	22	19	26	24	21	18	25	23	20	17	28	26	23	20
		kW	2.74	2.73	2.73	2.75	3.08	3.08	3.07	3.10	3.47	3.46	3.46	3.48	3.88	3.88	3.87	3.90	4.34	4.34	4.33	4.36	4.42	4.42	4.41	4.44
		Amps	10.2	10.2	10.2	10.3	11.7	11.6	11.6	11.7	13.3	13.2	13.2	13.3	15.0	14.9	14.9	15.0	16.8	16.8	16.8	16.9	17.1	17.1	17.0	17.1
		Hi PR	300	301	303	308	341	342	344	349	383	384	386	391	427	428	430	435	474	475	477	482	521	523	525	529
		Lo PR	119	122	128	139	127	129	136	147	134	136	143	154	139	142	149	161	145	148	155	167	154	156	163	176

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			Outdoor Ambient Temperature																					
			65°F				75°F				85°F				95°F				105°F				115°F			
			Entering Indoor Wet Bulb Temperature																							
IDB*	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
70	1120	MBh	33.5	42.3	43.6		41.3	41.9	43.1		40.1	40.7	41.9		38.1	38.7	40.0		35.8	36.3	37.6		29.5	30.0	31.1	
		S/T	0.59	0.50	0.37		0.58	0.50	0.37		0.60	0.53	0.40		0.62	0.54	0.41		0.64	0.56	0.43		0.70	0.62	0.49	
		ΔT	21	19	15		20	19	15		21	19	15		20	18	15		20	18	15		22	20	16	
		kW	1.66	3.32	3.31		3.70	3.70	3.69		4.11	4.10	4.09		4.53	4.53	4.52		4.99	4.99	4.98		3.11	3.11	3.10	
		Amps	8.2	14.7	14.7		15.9	15.8	15.8		16.9	16.9	16.8		17.7	17.7	17.7		18.5	18.5	18.4		11.1	11.1	11.0	
		Hi PR	261	280	282		324	325	327		371	372	374		422	423	425		477	478	480		514	515	517	
		Lo PR	119	119	127		120	125	133		124	129	137		127	132	140		130	136	144		138	144	152	
	1320	MBh	37.8	43.0	44.2		41.9	42.5	43.8		40.7	41.3	42.6		38.8	39.4	40.6		36.4	37.0	38.2		30.1	30.6	31.7	
		S/T	0.65	0.57	0.44		0.65	0.58	0.45		0.67	0.60	0.47		0.69	0.62	0.49		0.71	0.64	0.51		0.77	0.70	0.57	
		ΔT	20	17	14		19	17	14		19	17	14		19	17	14		19	17	13		20	19	15	
		kW	1.99	3.35	3.34		3.73	3.72	3.72		4.13	4.13	4.12		4.56	4.55	4.55		5.02	5.01	5.01		3.12	3.12	3.12	
		Amps	9.4	14.9	14.9		16.0	16.0	15.9		17.0	17.0	17.0		17.9	17.8	17.8		18.6	18.6	18.5		11.1	11.1	11.1	
		Hi PR	271	283	285		327	328	330		374	375	377		425	426	428		480	481	483		517	518	520	
		Lo PR	120	121	129		122	127	135		126	131	139		129	134	142		132	137	146		140	146	154	
	1520	MBh	42.9	43.8	45.0		42.7	43.3	44.6		41.5	42.1	43.4		39.6	40.2	41.4		37.2	37.8	39.0		30.8	31.3	32.4	
		S/T	0.67	0.61	0.48		0.69	0.61	0.48		0.71	0.64	0.51		0.73	0.65	0.52		0.75	0.67	0.54		0.81	0.73	0.60	
		ΔT	19	16	13		18	16	13		18	16	13		18	16	12		17	16	12		19	17	14	
		kW	2.42	3.37	3.37		3.75	3.75	3.74		4.16	4.15	4.15		4.58	4.58	4.57		5.04	5.04	5.03		3.13	3.13	3.13	
		Amps	10.9	15.0	15.0		16.1	16.1	16.0		17.1	17.1	17.1		17.9	17.9	17.9		18.7	18.6	18.6		11.2	11.1	11.1	
		Hi PR	283	286	288		330	331	333		377	378	380		428	429	431		483	484	486		519	521	522	
		Lo PR	120	124	131		124	129	137		128	133	142		131	137	145		134	140	148		142	148	157	
75	1120	MBh	33.5	42.4	43.6	45.5	41.3	41.9	43.1	45.0	40.1	40.7	41.9	43.8	38.2	38.7	40.0	41.9	35.8	36.4	37.6	39.5	29.6	30.1	31.2	32.8
		S/T	0.72	0.62	0.49	0.35	0.70	0.63	0.50	0.36	0.72	0.65	0.52	0.38	0.74	0.67	0.54	0.40	0.76	0.69	0.56	0.42	1.00	0.75	0.62	0.48
		ΔT	25	23	19	16	25	23	19	16	25	23	19	16	24	22	19	15	24	22	19	15	26	24	21	17
		kW	1.66	3.32	3.31	3.34	3.70	3.69	3.69	3.72	4.10	4.10	4.09	4.13	4.53	4.52	4.52	4.55	4.99	4.98	4.98	5.01	3.11	3.10	3.10	3.12
		Amps	8.2	14.7	14.7	14.9	15.8	15.8	15.8	16.0	16.9	16.9	16.8	17.0	17.7	17.7	17.7	17.8	18.5	18.5	18.4	18.5	11.1	11.1	11.0	11.0
		Hi PR	261	281	282	287	324	325	327	332	371	373	374	379	422	423	425	430	477	479	481	485	514	515	517	522
		Lo PR	119	119	127	138	120	125	133	144	124	129	137	148	127	133	140	152	130	136	144	155	138	144	152	164
	1320	MBh	37.8	43.0	44.3	46.2	41.9	42.5	43.8	45.7	40.8	41.3	42.6	44.5	38.8	**39.4**	40.6	42.5	36.4	37.0	38.2	40.1	30.1	30.6	31.7	33.4
		S/T	0.78	0.70	0.57	0.43	0.78	0.70	0.57	0.43	0.80	0.72	0.59	0.46	0.81	**0.74**	0.61	0.47	0.83	0.76	0.63	0.49	1.00	0.82	0.69	0.55
		ΔT	24	21	18	14	23	21	18	14	23	21	18	14	23	**21**	18	14	23	21	17	14	25	23	19	15
		kW	1.99	3.35	3.34	3.37	3.72	3.72	3.71	3.75	4.13	4.13	4.12	4.15	4.55	**4.55**	4.54	4.58	5.01	5.01	5.00	5.04	3.12	3.12	3.11	3.13
		Amps	9.4	14.9	14.8	15.0	16.0	16.0	15.9	16.1	17.0	17.0	16.9	17.1	17.8	**17.8**	17.8	17.9	18.6	18.6	18.5	18.6	11.1	11.1	11.1	11.0
		Hi PR	272	283	285	290	327	328	330	335	374	375	377	382	425	**426**	428	433	480	481	483	488	517	518	520	525
		Lo PR	120	121	129	140	122	127	135	146	126	131	139	151	129	**134**	143	154	132	138	146	157	140	146	154	166
	1520	MBh	42.9	43.8	45.1	47.0	42.8	43.3	44.6	46.5	41.6	42.1	43.4	45.3	39.6	40.2	41.4	43.3	37.2	37.8	39.0	40.9	30.8	31.3	32.4	34.1
		S/T	0.80	0.73	0.60	0.46	0.81	0.74	0.61	0.47	0.83	0.76	0.63	0.49	0.85	0.78	0.65	0.51	1.00	0.80	0.67	0.53	1.00	0.86	0.73	0.59
		ΔT	24	20	17	13	22	20	17	13	22	20	17	13	22	20	16	13	21	20	16	13	24	22	18	14
		kW	2.41	3.37	3.36	3.40	3.75	3.74	3.74	3.77	4.15	4.15	4.14	4.18	4.58	4.57	4.57	4.60	5.04	5.03	5.03	5.06	3.13	3.13	3.13	3.14
		Amps	10.9	15.0	15.0	15.1	16.1	16.1	16.0	16.2	17.1	17.1	17.0	17.2	17.9	17.9	17.9	18.0	18.6	18.6	18.6	18.7	11.1	11.1	11.1	11.0
		Hi PR	283	286	288	293	330	331	333	338	377	378	380	385	428	429	431	436	483	484	486	491	520	521	523	527
		Lo PR	120	124	132	143	124	129	137	148	128	133	142	153	131	137	145	156	134	140	148	160	142	148	157	169

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			OUTDOOR AMBIENT TEMPERATURE																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB*	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
80	1120	MBh	34.9	42.6	43.8	45.7	41.5	42.1	43.4	45.3	40.3	40.9	42.2	44.1	38.4	39.0	40.2	42.1	36.0	36.6	37.8	39.7	29.7	30.3	31.3	33.0
		S/T	0.84	0.75	0.61	0.48	0.82	0.75	0.62	0.48	1.00	0.77	0.64	0.50	1.00	0.79	0.66	0.52	1.00	0.81	0.68	0.54	1.00	0.87	0.74	0.60
		ΔT	30	27	23	20	29	27	23	20	29	27	23	20	28	27	23	20	28	26	23	19	30	28	25	21
		kW	1.76	3.32	3.31	3.35	3.70	3.70	3.69	3.72	4.11	4.10	4.09	4.13	4.53	4.53	4.52	4.55	4.99	4.99	4.98	5.01	3.11	3.11	3.10	3.12
		Amps	8.6	14.7	14.7	14.9	15.9	15.8	15.8	16.0	16.9	16.9	16.8	17.0	17.7	17.7	17.7	17.8	18.5	18.5	18.4	18.6	11.1	11.1	11.0	11.0
		Hi PR	264	281	283	288	325	326	328	333	372	373	375	380	423	424	426	431	478	479	481	486	515	516	518	522
		Lo PR	119	120	127	138	120	125	133	144	124	130	138	149	128	133	141	152	131	136	144	156	139	144	153	165
	1320	MBh	38.0	43.2	44.5	46.4	42.2	42.8	44.0	45.9	41.0	41.6	42.8	44.7	39.0	39.6	**41.0**	42.7	36.6	37.2	38.5	40.4	30.3	30.8	31.9	33.6
		S/T	0.90	0.82	0.69	0.55	0.90	0.82	0.69	0.55	1.00	0.85	0.71	0.58	1.00	0.86	**0.73**	0.59	1.00	0.88	0.75	0.61	1.00	1.00	0.81	0.67
		ΔT	29	26	22	18	27	25	22	18	27	26	22	18	27	25	**22**	18	27	25	21	18	29	27	23	20
		kW	1.99	3.35	3.34	3.38	3.73	3.72	3.72	3.75	4.13	4.13	4.12	4.16	4.56	4.55	**4.56**	4.58	5.02	5.01	5.01	5.04	3.12	3.12	3.12	3.13
		Amps	9.4	14.9	14.8	15.0	16.0	16.0	15.9	16.1	17.0	17.0	17.0	17.1	17.9	17.8	**18.8**	17.9	18.6	18.6	18.5	18.7	11.1	11.1	11.1	11.0
		Hi PR	272	284	286	291	328	329	331	336	375	376	378	383	426	427	**429**	434	481	482	484	489	517	519	520	525
		Lo PR	120	122	130	141	122	127	135	147	126	132	140	151	130	135	**145**	155	133	138	146	158	141	146	155	167
	1520	MBh	43.4	44.0	45.3	47.2	43.0	43.6	44.8	46.7	41.8	42.4	43.6	45.5	39.8	40.4	41.6	43.5	37.4	38.0	39.3	41.2	31.0	31.5	32.6	34.3
		S/T	0.93	0.86	0.72	0.59	1.01	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	0.90	0.77	0.63	1.00	0.92	0.79	0.65	1.00	1.00	0.85	0.71
		ΔT	26	24	21	17	26	24	21	17	26	24	21	17	26	24	21	17	26	24	20	17	28	26	22	19
		kW	3.38	3.37	3.36	3.40	3.75	3.75	3.74	3.77	4.16	4.15	4.14	4.18	4.58	4.58	4.57	4.60	5.04	5.03	5.03	5.06	3.13	3.13	3.13	3.14
		Amps	15.0	15.0	15.0	15.1	16.1	16.1	16.0	16.2	17.1	17.1	17.1	17.2	17.9	17.9	17.9	18.0	18.7	18.6	18.6	18.7	11.2	11.1	11.1	11.0
		Hi PR	285	287	289	294	330	332	333	338	377	379	381	386	428	430	432	437	484	485	487	492	520	521	523	528
		Lo PR	119	124	132	143	124	130	138	149	129	134	142	154	132	137	145	157	135	140	148	160	143	149	157	169
85	1120	MBh	38.1	43.3	44.5	46.4	42.2	42.8	44.1	46.0	41.0	41.6	42.9	44.8	39.1	39.7	40.9	42.8	36.7	37.3	38.5	40.4	30.4	30.9	32.0	33.6
		S/T	1.01	0.84	0.71	0.57	1.01	0.85	0.72	0.58	1.00	0.87	0.74	0.60	1.00	0.89	0.76	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.84	0.70
		ΔT	34	31	27	23	32	30	27	23	32	31	27	24	32	30	27	23	32	30	26	23	34	32	29	25
		kW	1.98	3.33	3.32	3.36	3.71	3.70	3.70	3.73	4.11	4.11	4.10	4.14	4.54	4.53	4.53	4.56	5.00	4.99	4.99	5.02	3.11	3.11	3.11	3.12
		Amps	9.3	14.8	14.7	14.9	15.9	15.9	15.8	16.0	16.9	16.9	16.9	17.0	17.8	17.8	17.7	17.9	18.5	18.5	18.5	18.6	11.1	11.1	11.1	11.0
		Hi PR	271	282	284	289	326	327	329	334	373	374	376	381	424	425	427	432	479	480	482	487	516	517	519	524
		Lo PR	120	122	129	140	122	127	135	146	126	131	139	151	129	135	143	154	132	138	146	157	141	146	155	167
	1320	MBh	43.0	43.9	45.2	47.1	42.9	43.5	44.7	46.6	41.7	42.3	43.5	45.4	39.7	40.3	41.5	43.4	37.3	37.9	39.2	41.1	30.9	31.4	32.5	34.2
		S/T	1.01	0.92	0.79	0.65	1.01	0.92	0.79	0.65	1.00	0.94	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.91	0.77
		ΔT	119	119	127	138	120	125	133	144	124	129	137	148	127	133	140	152	130	136	144	155	138	144	152	164
		kW	2.40	3.36	3.35	3.38	3.74	3.73	3.72	3.76	4.14	4.14	4.13	4.16	4.56	4.56	4.55	4.59	5.02	5.02	5.01	5.05	3.13	3.12	3.12	3.14
		Amps	10.9	14.9	14.9	15.1	16.0	16.0	16.0	16.1	17.0	17.0	17.0	17.1	17.9	17.9	17.8	18.0	18.6	18.6	18.6	18.7	11.1	11.1	11.1	11.0
		Hi PR	282	285	287	292	329	330	332	337	376	377	379	384	427	428	430	435	482	483	485	490	519	520	522	526
		Lo PR	264	281	283	288	325	326	328	333	372	373	375	380	423	424	426	431	478	479	481	486	515	516	518	522
	1520	MBh	44.1	44.7	46.0	47.9	43.7	44.3	45.5	47.4	42.5	43.1	44.3	46.2	40.5	41.1	42.3	44.2	38.1	38.7	40.0	41.9	31.6	32.1	33.2	34.9
		S/T	1.01	0.95	0.82	0.68	1.01	0.96	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.88	0.75	1.00	1.00	1.00	0.81
		ΔT	30	28	25	21	30	28	24	21	30	28	25	21	30	28	24	21	29	27	24	20	32	30	26	22
		kW	3.38	3.38	3.37	3.41	3.76	3.75	3.75	3.78	4.16	4.16	4.15	4.19	4.59	4.58	4.58	4.61	5.05	5.04	5.04	5.07	3.14	3.14	3.13	3.15
		Amps	15.1	15.0	15.0	15.2	16.1	16.1	16.1	16.2	17.1	17.1	17.1	17.2	18.0	18.0	17.9	18.1	18.7	18.7	18.6	18.8	11.2	11.2	11.1	11.0
		Hi PR	287	288	290	295	332	333	335	340	379	380	382	387	430	431	433	438	485	486	488	493	521	523	524	529
		Lo PR	121	126	134	145	126	131	139	151	130	136	144	155	133	139	147	159	136	142	150	162	145	150	159	171

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			Outdoor Ambient Temperature																					
			65°F				75°F				85°F				95°F				105°F				115°F			
			Entering Indoor Wet Bulb Temperature																					
IDB*	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
70	1170	MBh	41.8	49.6	51.1		48.3	48.2	49.6		45.3	46.0	47.4		42.3	42.9	44.3		38.9	39.5	40.9		29.7	30.2	31.3	
		S/T	0.56	0.49	0.36		0.55	0.49	0.37		0.59	0.52	0.39		0.62	0.54	0.41		0.64	0.57	0.44		0.70	0.62	0.49	
		ΔT	23	20	17		23	20	16		22	20	16		21	19	15		20	18	15		21	20	16	
		kW	2.24	3.71	3.70		3.38	4.10	4.10		4.53	4.53	4.52		4.97	4.96	4.96		5.43	5.43	5.42		3.33	3.33	3.32	
		Amps	9.6	14.8	14.8		13.6	16.5	16.5		18.3	18.3	18.3		20.0	20.0	20.0		21.6	21.6	21.6		13.7	13.7	13.6	
		Hi PR	280	293	295		343	337	339		382	383	385		431	432	434		483	484	486		513	514	516	
		Lo PR	119	120	128		120	123	132		120	126	134		121	128	136		123	129	137		132	138	147	
	1380	MBh	47.3	50.4	51.9		48.3	49.0	50.4		46.0	46.7	48.1		43.0	43.7	45.0		39.6	40.2	41.6		30.3	30.8	31.9	
		S/T	0.61	0.56	0.43		0.64	0.57	0.44		0.67	0.59	0.46		0.69	0.62	0.49		0.71	0.64	0.51		0.77	0.70	0.57	
		ΔT	22	19	15		20	18	15		20	18	15		20	18	14		19	17	13		20	18	15	
		kW	2.73	3.74	3.73		4.14	4.14	4.13		4.56	4.56	4.55		5.00	4.99	4.99		5.46	5.46	5.45		3.34	3.34	3.34	
		Amps	11.2	14.9	14.9		16.7	16.6	16.6		18.5	18.4	18.4		20.1	20.1	20.1		21.7	21.7	21.7		13.7	13.7	13.7	
		Hi PR	293	296	298		339	340	342		385	386	388		434	435	437		486	487	489		516	517	519	
		Lo PR	119	122	130		119	126	134		122	128	136		123	130	138		124	131	139		133	140	149	
	1590	MBh	51.4	51.3	52.8		49.2	49.9	51.3		47.0	47.6	49.0		43.9	44.5	45.9		40.5	41.1	42.5		31.0	31.5	32.6	
		S/T	0.64	0.59	0.47		0.68	0.60	0.47		0.70	0.63	0.50		0.73	0.65	0.52		0.75	0.68	0.55		0.81	0.73	0.60	
		ΔT	21	18	14		19	17	13		19	17	13		18	16	13		18	16	12		19	17	14	
		kW	3.11	3.77	3.76		4.17	4.16	4.15		4.59	4.58	4.58		5.02	5.02	5.01		5.49	5.48	5.48		3.36	3.36	3.35	
		Amps	12.5	15.1	15.0		16.8	16.8	16.7		18.6	18.6	18.5		20.2	20.2	20.2		21.8	21.8	21.7		13.8	13.8	13.8	
		Hi PR	304	299	301		342	343	345		388	389	391		437	438	440		489	490	492		519	520	522	
		Lo PR	120	124	132		122	128	136		124	130	139		125	132	140		126	133	141		136	142	151	
75	1170	MBh	41.9	49.7	51.1	53.4	48.3	48.2	49.7	51.9	45.3	46.0	47.4	49.6	42.3	43.0	44.3	46.4	38.9	39.6	40.9	43.0	29.7	30.3	31.4	33.0
		S/T	0.68	0.61	0.48	0.34	0.67	0.62	0.49	0.35	0.72	0.65	0.52	0.38	0.74	0.67	0.54	0.40	0.77	0.69	0.56	0.42	0.82	0.75	0.62	0.48
		ΔT	28	25	21	17	28	24	21	17	26	24	20	17	25	23	20	16	24	22	19	15	26	24	20	17
		kW	2.24	3.70	3.70	3.74	3.37	4.10	4.09	4.13	4.53	4.53	4.52	4.55	4.97	4.96	4.95	4.99	5.43	5.43	5.42	5.46	3.33	3.33	3.32	3.34
		Amps	9.6	14.8	14.7	14.9	13.5	16.5	16.5	16.6	18.3	18.3	18.3	18.4	20.0	20.0	20.0	20.1	21.6	21.6	21.6	21.7	13.7	13.7	13.6	13.7
		Hi PR	281	293	295	300	343	337	339	345	382	383	385	390	431	432	434	439	483	485	487	492	513	515	516	521
		Lo PR	120	120	128	138	120	124	132	142	120	126	134	145	122	128	136	147	123	129	137	147	132	138	147	158
	1380	MBh	47.3	50.4	51.9	54.1	48.3	49.0	50.4	52.6	46.1	46.7	48.1	50.3	43.0	**43.7**	45.1	47.2	39.6	40.3	41.6	43.7	30.3	30.8	31.9	33.6
		S/T	0.73	0.68	0.55	0.42	0.76	0.69	0.56	0.42	0.79	0.72	0.59	0.45	0.81	**0.74**	0.61	0.47	0.84	0.77	0.63	0.50	1.01	0.82	0.69	0.55
		ΔT	27	23	20	16	25	23	19	15	25	23	19	15	24	**22**	18	15	23	21	18	14	24	22	19	15
		kW	2.73	3.74	3.73	3.77	4.14	4.13	4.12	4.16	4.56	4.56	4.55	4.58	4.99	**4.99**	4.98	5.02	5.46	5.46	5.45	5.48	3.34	3.34	3.34	3.36
		Amps	11.2	14.9	14.9	15.1	16.7	16.6	16.6	16.8	18.5	18.4	18.4	18.6	20.1	**20.1**	20.1	20.2	21.7	21.7	21.7	21.8	13.7	13.7	13.7	13.8
		Hi PR	293	296	298	303	339	340	342	348	385	386	388	393	434	**435**	437	442	486	488	490	494	516	517	519	524
		Lo PR	119	122	130	141	119	126	134	145	122	128	136	147	123	**130**	138	149	124	131	139	149	133	140	149	160
	1590	MBh	51.5	51.4	52.8	55.1	49.2	49.9	51.3	53.5	47.0	47.6	49.1	51.2	43.9	44.6	46.0	48.1	40.5	41.1	42.5	44.5	31.0	31.5	32.6	34.3
		S/T	0.76	0.72	0.59	0.45	0.80	0.73	0.60	0.46	0.83	0.75	0.62	0.49	0.85	0.78	0.65	0.51	0.88	0.80	0.67	0.53	1.01	0.86	0.73	0.59
		ΔT	26	22	18	14	24	22	18	14	23	21	18	14	23	21	17	13	22	20	16	13	23	21	18	14
		kW	3.10	3.76	3.75	3.79	4.16	4.16	4.15	4.19	4.58	4.58	4.57	4.61	5.02	5.02	5.01	5.04	5.48	5.48	5.47	5.51	3.36	3.35	3.35	3.37
		Amps	12.5	15.0	15.0	15.2	16.8	16.7	16.7	16.9	18.6	18.5	18.5	18.7	20.2	20.2	20.2	20.3	21.8	21.8	21.7	21.9	13.8	13.8	13.8	13.8
		Hi PR	304	299	301	306	342	343	345	350	388	389	391	396	437	438	440	445	489	490	492	497	519	520	522	527
		Lo PR	120	124	132	143	122	128	136	147	124	130	139	150	125	132	140	151	126	133	141	152	136	142	151	162

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			Outdoor Ambient Temperature																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			Entering Indoor Wet Bulb Temperature																							
IDB*	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
80	1170	MBh	42.1	49.9	51.4	53.6	48.5	48.5	49.9	52.1	45.6	46.3	47.7	49.8	42.6	43.2	44.6	46.7	39.2	39.8	41.1	43.2	29.9	30.4	31.5	33.2
		S/T	0.80	0.73	0.60	0.46	0.78	0.74	0.61	0.47	0.84	0.76	0.64	0.50	0.86	0.79	0.66	0.52	1.01	0.81	0.68	0.54	1.01	0.87	0.74	0.60
		ΔT	33	29	26	22	33	29	25	21	30	28	25	21	29	28	24	20	29	27	23	20	30	28	24	21
		kW	2.24	3.71	3.70	3.74	3.38	4.10	4.09	4.13	4.53	4.53	4.52	4.56	4.97	4.96	4.96	4.99	5.43	5.43	5.42	5.46	3.33	3.33	3.32	3.34
		Amps	9.6	14.8	14.8	14.9	13.6	16.5	16.5	16.6	18.3	18.3	18.3	18.4	20.0	20.0	20.0	20.1	21.6	21.6	21.6	21.7	13.7	13.7	13.6	13.7
		Hi PR	281	294	296	301	343	338	340	345	383	384	386	391	432	433	435	440	484	485	487	492	514	515	517	522
		Lo PR	120	120	128	139	120	124	132	143	121	127	135	146	122	128	136	147	123	129	137	148	132	139	147	158
	1380	MBh	48.5	50.7	52.2	54.4	48.6	49.2	50.7	52.9	46.3	47.0	48.4	50.5	43.3	43.9	**45.5**	47.4	39.9	40.5	41.8	43.9	30.5	31.0	32.1	33.8
		S/T	0.85	0.80	0.67	0.53	0.88	0.81	0.68	0.54	0.91	0.84	0.71	0.57	1.00	0.86	**0.73**	0.59	1.01	0.89	0.76	0.62	1.01	0.95	0.81	0.67
		ΔT	32	28	24	20	29	27	24	20	29	27	23	20	28	26	**23**	19	27	25	22	18	28	26	23	19
		kW	2.83	3.74	3.73	3.77	4.14	4.14	4.13	4.16	4.56	4.56	4.55	4.59	5.00	4.99	**5.00**	5.02	5.46	5.46	5.45	5.49	3.34	3.34	3.34	3.36
		Amps	11.5	14.9	14.9	15.1	16.7	16.6	16.6	16.8	18.5	18.4	18.4	18.6	20.1	20.1	**20.4**	20.2	21.7	21.7	21.7	21.8	13.7	13.7	13.7	13.8
		Hi PR	296	297	299	304	340	341	343	348	386	387	389	394	434	436	**437**	443	487	488	490	495	517	518	520	524
		Lo PR	119	122	130	141	120	126	134	145	122	129	137	148	124	130	**140**	149	125	131	139	150	134	141	149	160
	1590	MBh	51.7	51.6	53.1	55.3	49.5	50.2	51.6	53.8	47.2	47.9	49.3	51.4	44.2	44.8	46.2	48.3	40.7	41.4	42.7	44.8	31.2	31.7	32.8	34.5
		S/T	0.87	0.83	0.71	0.57	0.92	0.84	0.72	0.58	0.99	0.87	0.74	0.61	1.00	0.90	0.77	0.63	1.01	0.92	0.79	0.65	1.01	0.98	0.85	0.71
		ΔT	31	27	23	19	28	26	22	18	28	26	22	18	27	25	21	18	26	24	21	17	27	25	22	18
		kW	3.11	3.77	3.76	3.80	4.16	4.16	4.15	4.19	4.59	4.58	4.58	4.61	5.02	5.02	5.01	5.05	5.49	5.48	5.48	5.51	3.36	3.36	3.35	3.37
		Amps	12.5	15.1	15.0	15.2	16.8	16.8	16.7	16.9	18.6	18.5	18.5	18.7	20.2	20.2	20.2	20.3	21.8	21.8	21.7	21.9	13.8	13.8	13.8	13.8
		Hi PR	304	300	302	307	343	344	346	351	388	390	392	397	437	439	441	446	490	491	493	498	519	521	522	527
		Lo PR	121	125	133	144	122	128	137	148	125	131	139	150	126	132	140	151	127	133	141	152	136	143	151	163
85	1170	MBh	48.5	50.8	52.2	54.5	48.6	49.3	50.7	52.9	46.4	47.0	48.5	50.6	43.3	44.0	45.4	47.5	39.9	40.6	41.9	44.0	30.5	31.1	32.2	33.8
		S/T	0.98	0.82	0.69	0.56	0.99	0.83	0.70	0.57	0.99	0.86	0.73	0.60	1.00	0.89	0.75	0.62	1.01	0.91	0.78	0.64	1.01	1.01	0.84	0.70
		ΔT	38	33	30	26	35	33	29	25	34	32	29	25	33	31	28	24	32	30	27	23	33	32	28	24
		kW	2.82	3.72	3.71	3.75	4.12	4.11	4.10	4.14	4.54	4.54	4.53	4.57	4.98	4.97	4.96	5.00	5.44	5.44	5.43	5.47	3.33	3.33	3.33	3.35
		Amps	11.4	14.8	14.8	15.0	16.6	16.5	16.5	16.7	18.4	18.4	18.3	18.5	20.1	20.1	20.0	20.2	21.6	21.6	21.6	21.7	13.7	13.7	13.7	13.7
		Hi PR	295	295	297	302	338	339	341	346	384	385	387	392	433	434	436	441	485	486	488	493	515	516	518	523
		Lo PR	119	122	130	141	120	126	134	145	122	128	137	148	124	130	138	149	125	131	139	150	134	140	149	160
	1380	MBh	51.6	51.5	53.0	55.2	49.4	50.0	51.5	53.7	47.1	47.8	49.2	51.3	44.0	44.7	46.1	48.2	40.6	41.3	42.6	44.7	31.1	31.6	32.7	34.4
		S/T	0.98	0.89	0.77	0.63	0.99	0.91	0.78	0.64	0.99	0.93	0.80	0.67	1.00	0.96	0.83	0.69	1.01	0.98	0.85	0.72	1.01	1.01	0.91	0.77
		ΔT	120	120	128	138	120	124	132	142	120	126	134	145	122	128	136	147	123	129	137	147	132	138	147	158
		kW	3.09	3.75	3.74	3.78	4.15	4.14	4.14	4.17	4.57	4.57	4.56	4.60	5.01	5.00	4.99	5.03	5.47	5.47	5.46	5.50	3.35	3.35	3.34	3.36
		Amps	12.4	15.0	14.9	15.1	16.7	16.7	16.7	16.8	18.5	18.5	18.4	18.6	20.2	20.2	20.1	20.3	21.7	21.7	21.7	21.8	13.8	13.7	13.7	13.8
		Hi PR	303	298	300	305	341	342	344	349	387	388	390	395	436	437	439	444	488	489	491	496	518	519	521	526
		Lo PR	281	294	296	301	343	338	340	345	383	384	386	391	432	433	435	440	484	485	487	492	514	515	517	522
	1590	MBh	51.8	52.5	53.9	56.2	50.3	51.0	52.4	54.6	48.0	48.7	50.1	52.2	44.9	45.6	47.0	49.1	41.5	42.1	43.5	45.5	31.8	32.3	33.4	35.1
		S/T	0.98	0.93	0.80	0.67	0.99	0.94	0.81	0.68	0.99	0.97	0.84	0.70	1.00	0.99	0.86	0.73	1.01	1.01	0.89	0.75	1.01	1.01	0.95	0.81
		ΔT	33	31	27	23	32	30	26	22	32	30	26	22	31	29	25	21	30	28	24	21	31	29	25	22
		kW	3.78	3.78	3.77	3.81	4.17	4.17	4.16	4.20	4.60	4.59	4.58	4.62	5.03	5.03	5.02	5.05	5.50	5.49	5.48	5.52	3.36	3.36	3.36	3.37
		Amps	15.1	15.1	15.1	15.2	16.8	16.8	16.8	16.9	18.6	18.6	18.6	18.7	20.3	20.3	20.2	20.4	21.8	21.8	21.8	21.9	13.8	13.8	13.8	13.9
		Hi PR	300	301	303	308	344	345	347	352	390	391	393	398	439	440	442	447	491	492	494	499	521	522	524	528
		Lo PR	120	126	135	146	124	130	138	150	126	133	141	152	127	134	142	153	128	135	143	154	138	144	153	165

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			Outdoor Ambient Temperature																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			Entering Indoor Wet Bulb Temperature																							
IDB*	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
70	1390	MBh	29.1	42.9	59.2		39.7	56.1	57.8		47.4	53.7	55.4		49.6	50.4	52.0		42.2	42.9	44.3		33.3	33.8	35.1	
		S/T	0.67	0.51	0.36		0.60	0.49	0.36		0.60	0.52	0.39		0.61	0.53	0.41		0.64	0.56	0.43		0.71	0.63	0.50	
		ΔT	20	20	16		21	19	16		22	19	16		20	18	15		21	19	15		21	19	16	
		kW	1.60	2.45	4.12		2.62	4.68	4.67		4.09	5.30	5.29		5.97	5.97	5.96		5.87	5.87	5.86		5.09	5.09	5.08	
		Amps	6.5	9.9	16.3		10.6	18.6	18.6		16.2	21.2	21.1		24.0	24.0	23.9		23.6	23.6	23.5		20.5	20.5	20.4	
		Hi PR	252	269	298		308	343	345		371	392	394		443	444	446		483	485	487		518	520	521	
		Lo PR	121	120	122		119	120	128		119	124	133		121	128	137		124	132	141		133	141	150	
	1640	MBh	32.0	47.6	60.1		43.7	57.0	58.6		51.4	54.6	56.2		50.4	51.2	52.8		43.0	43.6	45.1		33.9	34.5	35.7	
		S/T	0.73	0.58	0.43		0.66	0.56	0.43		0.67	0.59	0.46		0.68	0.61	0.48		0.71	0.64	0.51		0.78	0.71	0.57	
		ΔT	19	19	14		20	18	14		21	18	14		19	17	14		19	18	14		20	18	14	
		kW	1.73	2.80	4.15		2.95	4.72	4.71		4.56	5.34	5.33		6.01	6.00	5.99		5.90	5.90	5.89		5.12	5.11	5.11	
		Amps	7.0	11.2	16.4		11.8	18.8	18.7		18.1	21.3	21.3		24.2	24.1	24.1		23.7	23.7	23.7		20.6	20.6	20.5	
		Hi PR	256	277	301		315	346	348		380	395	397		446	447	450		486	487	489		521	522	524	
		Lo PR	121	120	124		119	122	130		119	126	135		122	130	139		126	134	143		135	143	152	
	1890	MBh	38.5	53.3	61.2		49.0	58.0	59.7		54.9	55.6	57.3		51.5	52.3	53.9		43.9	44.6	46.0		34.7	35.3	36.5	
		S/T	0.72	0.60	0.46		0.69	0.60	0.47		0.69	0.62	0.49		0.71	0.64	0.51		0.75	0.67	0.54		0.82	0.74	0.61	
		ΔT	19	18	13		19	17	13		18	17	13		18	16	12		18	16	13		19	17	13	
		kW	2.10	3.26	4.18		3.42	4.75	4.74		5.37	5.37	5.36		6.04	6.03	6.02		5.93	5.92	5.91		5.14	5.13	5.13	
		Amps	8.5	12.9	16.5		13.6	18.9	18.8		21.5	21.5	21.4		24.3	24.3	24.2		23.8	23.8	23.8		20.7	20.6	20.6	
		Hi PR	266	287	304		326	349	351		396	398	400		449	450	452		489	490	492		524	525	527	
		Lo PR	119	120	127		120	124	132		121	128	137		125	132	141		128	136	145		137	145	155	
75	1390	MBh	29.1	42.9	59.3	61.9	39.8	56.1	57.8	60.3	47.5	53.7	55.4	57.9	49.6	50.4	52.0	54.5	42.2	42.9	44.4	46.6	33.3	33.9	35.1	37.0
		S/T	0.81	0.64	0.48	0.34	0.73	0.61	0.49	0.35	0.72	0.64	0.51	0.37	0.73	0.66	0.53	0.39	0.76	0.69	0.56	0.42	0.83	0.76	0.62	0.48
		ΔT	24	25	20	16	26	23	20	16	27	23	20	16	24	22	19	15	25	23	20	16	25	23	20	16
		kW	1.60	2.45	4.11	4.16	2.62	4.68	4.67	4.71	4.09	5.30	5.29	5.33	5.97	5.96	5.95	6.00	5.87	5.86	5.85	5.89	5.09	5.09	5.08	5.11
		Amps	6.5	9.9	16.2	16.4	10.6	18.6	18.5	18.7	16.2	21.2	21.1	21.3	24.0	24.0	23.9	24.1	23.6	23.5	23.5	23.7	20.5	20.5	20.4	20.5
		Hi PR	252	269	299	304	308	343	345	350	371	392	394	399	443	445	447	452	484	485	487	492	519	520	522	526
		Lo PR	121	120	122	133	119	120	128	139	119	124	133	144	121	128	137	148	124	132	141	152	133	141	150	162
	1640	MBh	32.0	47.6	60.2	62.7	43.7	57.0	58.7	61.2	51.4	54.6	56.2	58.8	50.5	**51.2**	52.9	55.3	43.0	43.7	45.1	47.4	33.9	34.5	35.7	37.6
		S/T	0.87	0.71	0.55	0.42	0.79	0.68	0.56	0.42	0.79	0.71	0.58	0.45	0.80	**0.73**	0.60	0.46	0.84	0.76	0.63	0.49	1.00	0.83	0.70	0.56
		ΔT	23	23	19	15	25	22	18	15	25	22	18	15	23	**21**	18	14	24	22	18	14	24	22	19	15
		kW	1.73	2.79	4.15	4.19	2.95	4.72	4.71	4.75	4.55	5.33	5.32	5.37	6.00	**6.00**	5.99	6.03	5.90	5.89	5.89	5.92	5.11	5.11	5.11	5.13
		Amps	7.0	11.2	16.4	16.6	11.8	18.7	18.7	18.9	18.1	21.3	21.3	21.5	24.1	**24.1**	24.1	24.3	23.7	23.7	23.6	23.8	20.6	20.6	20.5	20.6
		Hi PR	257	277	302	307	315	346	348	353	381	395	397	402	446	**448**	450	455	486	488	490	495	521	523	525	529
		Lo PR	121	120	124	135	120	122	130	141	119	126	135	146	122	**130**	139	150	126	134	143	154	135	143	152	164
	1890	MBh	38.5	53.4	61.2	63.8	49.0	58.1	59.7	62.3	54.9	55.7	57.3	59.8	51.5	52.3	53.9	56.4	43.9	44.6	46.1	48.3	34.7	35.3	36.5	38.4
		S/T	0.86	0.73	0.59	0.45	0.82	0.72	0.59	0.46	0.82	0.74	0.62	0.48	0.83	0.76	0.63	0.50	0.87	0.80	0.67	0.53	1.00	0.87	0.74	0.60
		ΔT	23	22	18	14	24	21	17	13	23	21	17	13	22	20	17	13	23	21	17	13	23	21	17	14
		kW	2.10	3.25	4.18	4.22	3.41	4.74	4.73	4.78	5.37	5.36	5.35	5.40	6.03	6.03	6.02	6.06	5.92	5.92	5.91	5.95	5.13	5.13	5.12	5.15
		Amps	8.5	12.9	16.5	16.7	13.6	18.9	18.8	19.0	21.5	21.5	21.4	21.6	24.3	24.3	24.2	24.4	23.8	23.8	23.7	23.9	20.6	20.6	20.6	20.7
		Hi PR	266	287	305	310	326	349	351	356	397	398	400	405	449	451	453	458	489	491	493	498	524	525	527	532
		Lo PR	120	120	127	137	120	124	132	143	121	128	137	148	125	132	141	152	128	136	145	156	137	145	155	166

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			Outdoor Ambient Temperature																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			Entering Indoor Wet Bulb Temperature																							
IDB*	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
80	1390	MBh	31.7	45.0	59.6	62.2	40.0	56.4	58.1	60.6	47.7	54.0	55.7	58.2	49.9	50.7	52.3	54.8	42.5	43.2	44.6	46.9	33.5	34.1	35.3	37.2
		S/T	0.92	0.76	0.60	0.46	0.85	0.73	0.60	0.47	0.84	0.76	0.63	0.49	0.85	0.77	0.65	0.51	1.00	0.81	0.68	0.54	1.00	0.88	0.75	0.61
		ΔT	29	29	25	21	30	28	24	20	31	27	24	20	28	27	23	20	30	28	24	20	29	27	24	20
		kW	1.72	2.60	4.12	4.16	2.62	4.68	4.67	4.72	4.09	5.30	5.29	5.33	5.97	5.97	5.96	6.00	5.87	5.86	5.86	5.89	5.09	5.09	5.08	5.11
		Amps	7.0	10.4	16.3	16.4	10.6	18.6	18.6	18.7	16.2	21.2	21.1	21.3	24.0	24.0	23.9	24.1	23.6	23.6	23.5	23.7	20.5	20.5	20.4	20.6
		Hi PR	254	272	299	304	309	344	346	351	372	393	395	400	444	445	447	452	484	485	487	492	519	520	522	527
		Lo PR	119	119	123	133	120	120	129	139	120	125	133	144	121	128	137	148	125	132	141	152	133	141	151	162
	1640	MBh	34.0	50.3	60.4	63.0	43.9	57.3	59.0	61.5	54.1	54.9	56.5	59.0	50.8	51.5	**53.5**	55.6	43.2	43.9	45.4	47.6	34.1	34.7	35.9	37.8
		S/T	0.98	0.82	0.67	0.53	0.92	0.80	0.68	0.54	0.90	0.83	0.70	0.56	1.00	0.85	**0.72**	0.58	1.00	0.88	0.75	0.61	1.00	0.96	0.82	0.68
		ΔT	28	28	23	19	29	26	23	19	28	26	22	19	27	25	**22**	18	28	26	23	19	28	26	23	19
		kW	1.83	3.01	4.15	4.20	2.95	4.72	4.71	4.75	5.34	5.34	5.33	5.37	6.01	6.00	**5.94**	6.03	5.90	5.90	5.89	5.92	5.12	5.11	5.11	5.14
		Amps	7.5	12.0	16.4	16.6	11.8	18.8	18.7	18.9	21.4	21.3	21.3	21.5	24.2	24.1	**24.0**	24.3	23.7	23.7	23.7	23.8	20.6	20.6	20.5	20.7
		Hi PR	259	281	302	307	316	347	349	354	394	396	398	403	447	448	**447**	455	487	488	490	495	522	523	525	530
		Lo PR	120	119	125	135	120	122	131	141	119	127	135	146	123	130	**141**	150	127	134	143	155	135	143	153	164
	1890	MBh	40.1	57.2	61.5	64.1	51.6	58.4	60.0	62.6	55.2	55.9	57.6	60.1	51.8	52.6	54.2	56.6	44.2	44.9	46.3	48.6	34.9	35.5	36.7	38.6
		S/T	0.97	0.85	0.71	0.57	0.93	0.84	0.71	0.58	0.93	0.86	0.73	0.60	1.00	0.88	0.75	0.62	1.00	0.92	0.79	0.65	1.00	1.00	0.86	0.72
		ΔT	28	27	22	18	29	25	21	18	27	25	21	18	26	24	21	17	27	25	21	18	27	25	22	18
		kW	2.19	3.60	4.18	4.23	3.67	4.75	4.74	4.78	5.37	5.37	5.36	5.40	6.03	6.03	6.02	6.06	5.92	5.92	5.91	5.95	5.14	5.13	5.13	5.15
		Amps	8.9	14.2	16.5	16.7	14.6	18.9	18.8	19.0	21.5	21.5	21.4	21.6	24.3	24.3	24.2	24.4	23.8	23.8	23.8	23.9	20.7	20.6	20.6	20.7
		Hi PR	268	293	305	310	331	350	352	357	397	399	401	406	450	451	453	458	490	491	493	498	525	526	528	532
		Lo PR	119	119	127	138	119	124	133	144	122	129	138	149	125	133	142	153	129	137	146	157	137	145	155	167
85	1390	MBh	34.0	50.4	60.5	63.1	44.0	57.4	59.0	61.6	54.2	55.0	56.6	59.1	50.8	51.6	53.2	55.7	43.3	44.0	45.5	47.7	34.2	34.8	36.0	37.9
		S/T	1.00	0.85	0.69	0.56	1.00	0.83	0.70	0.56	1.00	0.85	0.72	0.59	1.00	0.87	0.74	0.61	1.00	0.91	0.78	0.64	1.00	1.00	0.85	0.71
		ΔT	33	34	28	25	34	31	28	24	33	31	28	24	32	30	27	23	33	31	28	24	33	31	28	24
		kW	1.82	2.99	4.13	4.17	2.93	4.69	4.68	4.73	5.32	5.31	5.30	5.34	5.98	5.98	5.97	6.01	5.88	5.87	5.87	5.90	5.10	5.10	5.09	5.12
		Amps	7.4	11.9	16.3	16.5	11.8	18.6	18.6	18.8	21.3	21.2	21.2	21.4	24.0	24.0	24.0	24.2	23.6	23.6	23.6	23.7	20.5	20.5	20.5	20.6
		Hi PR	258	280	301	306	314	345	347	352	393	394	396	401	445	447	449	454	485	487	489	494	520	522	523	528
		Lo PR	119	119	124	135	120	122	130	141	119	126	135	146	123	130	139	150	126	134	143	154	135	143	152	164
	1640	MBh	38.6	53.5	61.4	64.0	49.2	58.2	59.9	62.4	55.0	55.8	57.5	60.0	51.7	52.4	54.0	56.5	44.1	44.7	46.2	48.4	34.8	35.4	36.6	38.5
		S/T	1.00	0.91	0.77	0.63	1.00	0.90	0.77	0.64	1.00	0.92	0.79	0.66	1.00	0.94	0.81	0.68	1.00	1.00	0.85	0.71	1.00	1.00	0.92	0.78
		ΔT	121	120	122	133	119	120	128	139	119	124	133	144	121	128	137	148	124	132	141	152	133	141	150	162
		kW	2.09	3.24	4.16	4.21	3.40	4.73	4.72	4.76	5.35	5.35	5.34	5.38	6.02	6.01	6.00	6.05	5.91	5.91	5.90	5.93	5.12	5.12	5.11	5.14
		Amps	8.5	12.8	16.5	16.6	13.5	18.8	18.8	18.9	21.4	21.4	21.3	21.5	24.2	24.2	24.1	24.3	23.7	23.7	23.7	23.9	20.6	20.6	20.6	20.7
		Hi PR	265	286	304	309	325	348	350	355	396	397	399	404	448	450	452	457	488	490	492	497	523	524	526	531
		Lo PR	254	272	299	304	309	344	346	351	372	393	395	400	444	445	447	452	484	485	487	492	519	520	522	527
	1890	MBh	44.8	60.8	62.5	65.1	55.9	59.3	61.0	63.5	56.1	56.9	58.5	61.0	52.7	53.5	55.1	57.6	45.0	45.7	47.2	49.4	35.6	36.2	37.4	39.3
		S/T	1.00	0.93	0.80	0.67	1.00	0.93	0.81	0.67	1.00	0.96	0.83	0.70	1.00	0.98	0.85	0.71	1.00	1.00	0.89	0.75	1.00	1.00	0.96	0.82
		ΔT	32	30	26	22	33	29	25	22	30	29	25	21	30	28	24	21	31	29	25	21	30	29	25	22
		kW	2.50	4.20	4.19	4.24	4.07	4.76	4.75	4.79	5.38	5.38	5.37	5.41	6.05	6.04	6.03	6.07	5.93	5.93	5.92	5.96	5.14	5.14	5.13	5.16
		Amps	10.0	16.6	16.6	16.8	16.1	18.9	18.9	19.1	21.5	21.5	21.5	21.7	24.3	24.3	24.3	24.5	23.9	23.8	23.8	24.0	20.7	20.7	20.6	20.8
		Hi PR	275	304	306	312	338	351	353	358	399	400	402	407	451	453	455	460	491	492	494	499	526	527	529	534
		Lo PR	119	120	129	140	119	126	135	146	123	131	139	150	127	134	143	154	130	138	147	159	139	147	157	169

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

AZV6SA1810A* / AHVE24BP1300A*
Design Subcooling @ AHRI 95°F Conditions 9-11°F
at 100% Demand

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	19,000	13,500	5,500	1,080
80°	18,600	13,400	5,200	1,200
85°	18,100	13,200	4,900	1,250
90°	17,600	13,000	4,600	1,300
95°	**17,100**	**12,800**	**4,300**	**1,430**
100°	16,400	12,500	3,900	1,500
105°	15,700	12,100	3,600	1,650
110°	15,100	12,000	3,100	1,800
115°	14,500	11,900	2,600	1,900
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**16,400**	**12,500**	**3,900**	**1,430**

AZV6SA1810A* / AHVE24BP1300A*
Design Subcooling @ AHRI 95°F Conditions 9-11°F
in boost mode

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	20,500	14,800	5,700	1,100
80°	20,000	14,600	5,400	1,200
85°	19,500	14,400	5,100	1,300
90°	18,900	14,200	4,700	1,400
95°	**18,300**	**13,900**	**4,400**	**1,450**
100°	17,600	13,600	4,000	1,600
105°	16,900	13,200	3,700	1,700
110°	16,300	13,100	3,200	1,800
115°	15,700	13,000	2,700	1,950
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**17,600**	**13,600**	**4,000**	**1,450**

AZV6SA2410A* / AHVE24BP1300A*
Design Subcooling @ AHRI 95°F Conditions 11-13°F
at 100% Demand

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	26,000	18,200	7,800	1,790
80°	25,400	18,000	7,400	1,900
85°	24,700	17,800	6,900	2,030
90°	24,000	17,500	6,500	2,200
95°	**23,200**	**17,200**	**6,000**	**2,270**
100°	22,200	16,600	5,600	2,400
105°	21,100	16,000	5,100	2,570
110°	20,300	15,900	4,400	2,700
115°	19,400	15,700	3,700	2,910
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**22,200**	**16,700**	**5,500**	**2,290**

AZV6SA2410A* / AHVE24BP1300A*
Design Subcooling @ AHRI 95°F Conditions 11-13°F
in boost mode

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	28,300	20,100	8,200	1,900
80°	27,600	19,900	7,700	2,000
85°	26,900	19,600	7,300	2,150
90°	26,000	19,200	6,800	2,300
95°	**25,100**	**18,800**	**6,300**	**2,400**
100°	24,100	18,300	5,800	2,600
105°	23,000	17,700	5,300	2,700
110°	22,100	17,600	4,500	2,900
115°	21,200	17,400	3,800	3,100
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**24,200**	**18,400**	**5,800**	**2,400**

AZV6SA3010A* / AHVE36CP1300A*
Design Subcooling @ AHRI 95°F Conditions 13-15°F
at 100% Demand

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	31,800	22,900	8,900	2,280
80°	31,000	22,800	8,200	2,400
85°	30,200	22,700	7,500	2,550
90°	29,300	22,300	7,000	2,700
95°	**28,400**	**21,900**	**6,500**	**2,840**
100°	27,200	21,300	5,900	3,000
105°	25,900	20,700	5,200	3,160
110°	24,900	20,600	4,300	3,300
115°	23,800	20,500	3,300	3,530
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**27,100**	**21,100**	**6,000**	**2,850**

AZV6SA3010A* / AHVE36CP1300A*
Design Subcooling @ AHRI 95°F Conditions 13-15°F
in boost mode

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	34,700	24,600	10,100	2,350
80°	33,900	24,500	9,400	2,500
85°	33,000	24,400	8,600	2,600
90°	31,900	23,900	8,000	2,800
95°	**30,700**	**23,300**	**7,400**	**2,900**
100°	29,500	22,800	6,700	3,100
105°	28,200	22,300	5,900	3,250
110°	27,100	22,100	5,000	3,400
115°	26,000	21,800	4,200	3,600
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**29,600**	**22,800**	**6,800**	**2,900**

AZV6SA3610A* / AHVE36CP1300A*
Design Subcooling @ AHRI 95°F Conditions 14-16°F
at 100% Demand

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	38,300	28,000	10,300	3,050
80°	37,300	27,600	9,700	3,200
85°	36,300	27,200	9,100	3,430
90°	35,300	26,800	8,500	3,600
95°	**34,200**	**26,300**	**7,900**	**3,800**
100°	32,500	25,300	7,200	4,100
105°	30,800	24,300	6,500	4,310
110°	29,800	24,600	5,200	4,400
115°	28,800	24,800	4,000	4,390
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**32,500**	**25,400**	**7,100**	**3,850**

AZV6SA3610A* / AHVE36CP1300A*
Design Subcooling @ AHRI 95°F Conditions 14-16°F
in boost mode

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	41,200	30,100	11,100	3,100
80°	40,100	29,700	10,400	3,300
85°	39,000	29,300	9,700	3,450
90°	37,600	28,600	9,000	3,700
95°	**36,200**	**27,900**	**8,300**	**3,900**
100°	34,700	27,000	7,700	4,100
105°	33,100	26,100	7,000	4,350
110°	31,000	25,500	5,500	4,400
115°	28,800	24,800	4,000	4,400
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**34,900**	**27,200**	**7,700**	**3,900**

AZV6SA4210A* / AHVE48DP1300A* Design Subcooling @ AHRI 95°F Conditions 7-9°F at 100% Demand				
Outdoor Temp °F	**Total BTU/h**	**Sensible BTU/h**	**Latent BTU/h**	**Total Watts**
75°	44,000	30,400	13,600	3,720
80°	43,400	30,400	13,000	3,900
85°	42,800	30,400	12,400	4,120
90°	41,900	30,200	11,700	4,300
95°	**41,000**	**29,900**	**11,100**	**4,560**
100°	39,800	29,400	10,400	4,800
105°	38,500	28,900	9,600	5,010
110°	35,200	27,400	7,800	4,100
115°	31,900	25,800	6,100	3,120
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**39,400**	**29,200**	**10,200**	**4,550**

AZV6SA4210A* / AHVE48DP1300A* Design Subcooling @ AHRI 95°F Conditions 7-9°F in boost mode				
Outdoor Temp °F	**Total BTU/h**	**Sensible BTU/h**	**Latent BTU/h**	**Total Watts**
75°	47,600	31,900	15,700	3,100
80°	47,000	31,900	15,100	3,300
85°	46,300	31,900	14,400	3,450
90°	45,300	31,700	13,600	3,600
95°	**44,200**	**31,400**	**12,800**	**3,800**
100°	42,900	30,900	12,000	4,000
105°	41,600	30,400	11,200	4,150
110°	36,800	28,100	8,700	3,700
115°	31,900	25,800	6,100	3,150
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**42,600**	**30,700**	**11,900**	**3,800**

AZV6SA4810A* / AHVE48DP1300A* Design Subcooling @ AHRI 95°F Conditions 8-10°F at 100% Demand				
Outdoor Temp °F	**Total BTU/h**	**Sensible BTU/h**	**Latent BTU/h**	**Total Watts**
75°	50,700	34,500	16,200	4,130
80°	49,600	34,500	15,100	4,300
85°	48,400	34,400	14,000	4,550
90°	47,000	33,800	13,200	4,800
95°	**45,500**	**33,200**	**12,300**	**5,000**
100°	43,700	32,500	11,200	5,200
105°	41,800	31,800	10,000	5,450
110°	37,000	28,900	8,100	4,400
115°	32,100	26,000	6,100	3,340
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**43,700**	**32,300**	**11,400**	**4,990**

AZV6SA4810A* / AHVE48DP1300A* Design Subcooling @ AHRI 95°F Conditions 8-10°F in boost mode				
Outdoor Temp °F	**Total BTU/h**	**Sensible BTU/h**	**Latent BTU/h**	**Total Watts**
75°	56,000	35,800	20,200	4,100
80°	54,800	35,600	19,200	4,300
85°	53,500	35,300	18,200	4,500
90°	51,800	35,000	16,800	4,700
95°	**50,100**	**34,600**	**15,500**	**4,950**
100°	48,200	33,800	14,400	5,200
105°	46,300	32,900	13,400	5,400
110°	39,200	29,500	9,700	4,400
115°	32,100	26,000	6,100	3,350
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**48,300**	**33,300**	**15,000**	**4,950**

AZV6SA6010A* / AHVE60DP1300A* Design Subcooling @ AHRI 95°F Conditions 8-10°F at 100% Demand				
Outdoor Temp °F	**Total BTU/h**	**Sensible BTU/h**	**Latent BTU/h**	**Total Watts**
75°	59,000	40,100	18,900	4,710
80°	57,800	39,900	17,900	5,000
85°	56,500	39,600	16,900	5,330
90°	55,000	39,100	15,900	5,600
95°	**53,500**	**38,500**	**15,000**	**5,940**
100°	49,500	36,300	13,200	5,900
105°	45,400	34,100	11,300	5,890
110°	40,700	31,800	8,900	5,500
115°	35,900	29,400	6,500	5,110
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**51,200**	**37,400**	**13,800**	**6,000**

AZV6SA6010A* / AHVE60DP1300A* Design Subcooling @ AHRI 95°F Conditions 8-10°F in Boost Mode				
Outdoor Temp °F	**Total BTU/h**	**Sensible BTU/h**	**Latent BTU/h**	**Total Watts**
75°	65,000	42,300	22,700	5,950
80°	63,700	42,000	21,700	6,350
85°	62,300	41,700	20,600	6,700
90°	59,900	41,000	18,900	6,950
95°	**57,500**	**40,300**	**17,200**	**7,300**
100°	51,500	37,200	14,300	6,550
105°	45,400	34,000	11,400	5,900
110°	40,700	31,800	8,900	5,550
115°	35,900	29,500	6,400	5,150
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**55,400**	**39,300**	**16,100**	**7,300**

AZV6SA1810A* + AHVE24BP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	**60**	**55**	**50**	**47**	**45**	**40**	**35**	**30**	**25**	**20**	**17**	**15**	**10**	**5**	**0**	**-5**	**-10**
MBh	22.2	20.9	19.5	18.2	17.4	16.8	15.3	20.0	18.6	17.5	16.7	16.3	15.7	14.4	13.0	11.6	10.3	8.9
T/R	32	31	29	27	26	26	23	34	31	29	28	27	26	24	22	19	17	15
KW	1.79	1.74	1.68	1.63	1.59	1.57	1.52	2.28	2.20	2.12	2.05	2.00	1.97	1.89	1.82	1.74	1.66	1.58
AMPS	6.8	6.6	6.3	6.1	6.0	5.9	5.6	8.9	8.6	8.3	7.9	7.7	7.6	7.3	6.9	6.6	6.3	5.9
COP	3.64	3.52	3.41	3.29	3.20	3.13	2.95	2.57	2.47	2.41	2.39	2.39	2.34	2.23	2.10	1.96	1.81	1.64

AZV6SA2410A* + AHVE24BP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	**60**	**55**	**50**	**47**	**45**	**40**	**35**	**30**	**25**	**20**	**17**	**15**	**10**	**5**	**0**	**-5**	**-10**
MBh	29.5	27.7	26.0	24.3	23.2	22.4	20.4	22.8	21.0	19.7	18.7	18.2	17.6	15.9	14.2	12.5	10.8	9.2
T/R	33	31	30	28	27	26	24	25	23	22	21	20	19	17	16	14	12	10
KW	2.27	2.21	2.15	2.10	2.06	2.04	1.98	2.37	2.31	2.24	2.17	2.14	2.11	2.04	1.98	1.91	1.85	1.78
AMPS	8.6	8.3	8.1	7.8	7.7	7.6	7.3	9.0	8.8	8.5	8.2	8.0	7.9	7.6	7.3	7.0	6.8	6.5
COP	3.81	3.68	3.54	3.40	3.30	3.22	3.03	2.82	2.67	2.58	2.53	2.50	2.44	2.28	2.10	1.92	1.72	1.51

AZV6SA3010A* + AHVE36CP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	**60**	**55**	**50**	**47**	**45**	**40**	**35**	**30**	**25**	**20**	**17**	**15**	**10**	**5**	**0**	**-5**	**-10**
MBh	36.7	34.5	32.3	30.2	28.8	27.8	25.3	26.4	24.5	23.0	22.0	21.4	20.7	18.8	17.0	15.2	13.3	11.5
T/R	32	31	29	27	26	26	23	26	24	22	21	21	20	18	16	15	13	11
KW	2.83	2.75	2.68	2.60	2.56	2.53	2.45	2.85	2.77	2.69	2.61	2.56	2.53	2.45	2.37	2.29	2.21	2.13
AMPS	10.7	10.4	10.0	9.7	9.5	9.4	9.1	10.8	10.4	10.1	9.7	9.5	9.4	9.1	8.7	8.4	8.0	7.7
COP	3.80	3.67	3.54	3.40	3.30	3.22	3.02	2.71	2.59	2.51	2.47	2.45	2.40	2.25	2.10	1.94	1.76	1.58

AZV6SA3610A* + AHVE36CP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	**60**	**55**	**50**	**47**	**45**	**40**	**35**	**30**	**25**	**20**	**17**	**15**	**10**	**5**	**0**	**-5**	**-10**
MBh	43.6	41.1	38.6	36.2	34.6	33.4	30.7	32.8	30.1	28.1	26.7	26.0	25.0	22.5	20.0	17.5	15.0	12.6
T/R	31	29	28	26	25	25	23	22	20	19	18	18	17	15	14	12	10	9
KW	3.34	3.27	3.19	3.12	3.07	3.04	2.97	3.47	3.38	3.29	3.20	3.15	3.11	3.02	2.93	2.84	2.75	2.66
AMPS	12.5	12.2	11.9	11.6	11.4	11.2	10.9	13.1	12.7	12.3	11.9	11.7	11.5	11.1	10.7	10.3	10.0	9.6
COP	3.82	3.69	3.55	3.40	3.30	3.22	3.03	2.77	2.61	2.51	2.45	2.42	2.35	2.18	2.00	1.81	1.60	1.38

Calculations are based on nominal CFM and 70 °F indoor dry bulb.
Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature

Amps = Outdoor unit amps (comp.+fan)
KW= Total system power

AZV6SA4210A* + AHVE48DP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	47.0	45.1	43.2	41.3	40.0	39.0	37.2	41.9	39.2	36.9	35.4	34.5	33.4	30.6	27.8	25.0	22.2	19.4
T/R	32	31	30	29	28	28	26	33	31	29	28	27	26	24	22	20	17	15
KW	3.29	3.36	3.43	3.51	3.55	3.58	3.65	4.72	4.65	4.58	4.51	4.46	4.43	4.36	4.29	4.22	4.14	4.07
AMPS	13.0	13.3	13.6	14.0	14.2	14.3	14.6	18.3	17.8	17.2	16.6	16.3	16.1	15.5	17.4	14.4	13.8	13.2
COP	4.19	3.93	3.68	3.45	3.30	3.20	2.99	2.60	2.47	2.36	2.30	2.27	2.21	2.06	1.90	1.74	1.57	1.40

AZV6SA4810A* + AHVE48DP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	55.1	52.4	49.8	47.2	45.5	44.2	41.7	42.3	39.5	37.2	35.6	34.8	33.7	30.8	28.0	25.2	22.3	19.5
T/R	36	34	33	31	31	30	28	29	26	25	24	23	23	21	19	17	15	13
KW	4.02	4.02	4.03	4.04	4.04	4.04	4.05	4.51	4.44	4.37	4.30	4.26	4.24	4.17	4.10	4.03	3.96	3.89
AMPS	16.0	16.0	16.1	16.1	16.1	16.1	16.1	18.2	17.9	17.6	17.3	17.1	17.0	16.7	16.4	16.1	15.8	15.5
COP	4.02	3.82	3.62	3.43	3.30	3.21	3.02	2.75	2.60	2.49	2.43	2.39	2.33	2.17	2.00	1.83	1.65	1.47

AZV6SA6010A* + AHVE60DP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	69.0	64.9	60.9	57.0	54.5	52.7	48.2	53.3	49.0	45.9	43.7	42.5	40.9	37.0	33.0	29.0	25.1	21.1
T/R	37	36	34	32	31	30	27	29	27	25	24	23	22	20	18	16	14	12
KW	5.30	5.17	5.04	4.92	4.84	4.79	4.66	6.11	5.89	5.68	5.47	5.34	5.26	5.05	4.84	4.62	4.41	4.20
AMPS	20.4	19.9	19.3	18.8	18.4	18.2	17.7	23.9	23.0	22.1	21.2	20.6	20.3	19.3	18.4	17.5	16.6	15.7
COP	3.82	3.68	3.54	3.40	3.30	3.22	3.03	2.56	2.44	2.37	2.34	2.33	2.28	2.15	2.00	1.84	1.67	1.48

Calculations are based on nominal CFM and 70 °F indoor dry bulb.
Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature

Amps = Outdoor unit amps (comp.+fan)
KW= Total system power

AZV6SA1810A* + AHVE24BP1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 or lower
MBh	33.8	31.9	30.1	28.2	27.0	26.2	24.2	Same as normal heating mode
T/R	49	47	45	42	41	40	37	
KW	2.81	2.73	2.65	2.57	2.52	2.49	2.41	
AMPS	11.2	10.9	10.5	10.2	10.0	9.9	9.5	
COP	3.53	3.43	3.33	3.22	3.14	3.08	2.94	

AZV6SA2410A* + AHVE24BP1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 or lower
MBh	34.0	32.1	30.1	28.2	27.0	26.1	23.9	Same as normal heating mode
T/R	38	36	34	32	31	30	28	
KW	2.58	2.52	2.45	2.39	2.36	2.33	2.27	
AMPS	9.9	9.7	9.4	9.1	9.0	8.9	8.6	
COP	3.87	3.74	3.60	3.45	3.35	3.28	3.08	

AZV6SA3010A* + AHVE36CP1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 or lower
MBh	43.0	40.6	38.2	35.9	34.3	33.2	30.6	Same as normal heating mode
T/R	38	36	34	33	31	31	28	
KW	3.28	3.20	3.12	3.04	3.00	2.96	2.89	
AMPS	12.6	12.3	12.0	11.6	11.4	11.3	10.9	
COP	3.85	3.72	3.59	3.45	3.36	3.29	3.11	

AZV6SA3610A* + AHVE36CP1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 or lower
MBh	48.0	45.1	42.4	39.6	37.9	36.6	33.4	Same as normal heating mode
T/R	34	32	31	29	28	27	25	
KW	3.32	3.25	3.17	3.10	3.05	3.02	2.95	
AMPS	12.4	12.1	11.8	11.5	11.3	11.1	10.8	
COP	4.23	4.08	3.91	3.75	3.63	3.54	3.32	

Calculations are based on nominal CFM and 70 °F indoor dry bulb.
Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature

Amps = Outdoor unit amps (comp.+fan)
KW= Total system power

AZV6SA4210A* + AHVE48DP1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	**60**	**55**	**50**	**47**	**45**	**40**	**35 OR LOWER**
MBh	63.9	60.4	57.0	53.6	51.4	49.7	46.0	**Same as normal heating mode**
T/R	48	46	44	41	40	39	36	
KW	5.16	5.09	5.01	4.94	4.90	4.87	4.80	
AMPS	21.7	21.2	20.6	20.0	19.7	19.5	18.9	
COP	3.63	3.48	3.33	3.18	3.07	2.99	2.81	

AZV6SA4810A* + AHVE48DP1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	**60**	**55**	**50**	**47**	**45**	**40**	**35 OR LOWER**
MBh	64.5	60.9	57.4	54.0	51.8	50.1	46.4	**Same as normal heating mode**
T/R	42	40	38	36	35	34	31	
KW	4.93	4.86	4.79	4.72	4.68	4.65	4.58	
AMPS	20.0	19.7	19.4	19.1	18.9	18.8	18.5	
COP	3.83	3.67	3.52	3.35	3.24	3.16	2.97	

AZV6SA6010A* + AHVE60DP1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	**60**	**55**	**50**	**47**	**45**	**40**	**35 OR LOWER**
MBh	81.1	76.4	71.7	67.2	64.2	62.0	56.8	**Same as normal heating mode**
T/R	44	42	40	38	36	35	32	
KW	6.30	6.12	5.94	5.76	5.65	5.58	5.40	
AMPS	24.8	24.0	23.2	22.4	22.0	21.7	20.9	
COP	3.77	3.66	3.54	3.42	3.33	3.26	3.09	

Calculations are based on nominal CFM and 70 °F indoor dry bulb.
Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature

Amps = Outdoor unit amps (comp.+fan)
KW= Total system power

Normal mode - Cooling		Sound Power Level[1]						
Tonnage	Total Unit Sound Rating (dBA)	Octave Band Spectrum Frequency (Hz) Analysis (dB)						
		125	250	500	1000	2000	4000	8000
1.5-ton	61	47.7	53.0	56.9	54.8	48.4	41.2	36.5
2-ton	64	47.8	57.9	60.7	55.8	48.9	43.4	39.1
2.5-ton	66	56.9	57.4	62.0	60.2	54.2	47.4	40.3
3-ton	68	55.9	59.6	63.9	61.0	56.5	53.4	45.4
3.5-ton	70	59.7	63.9	64.6	65.2	60.3	53.8	47.5
4-ton	72	63.5	64.9	65.6	65.4	60.4	55.8	48.8
5-ton	71	61.2	64.7	65.3	65.6	61.3	57.2	48.9

[1] Compliant with AHRI 270.
[2] Compliant with AHRI 220.

Normal mode - Heating		Sound Power Level[1]						
Tonnage	Total Unit Sound Rating (dBA)	Octave Band Spectrum Frequency (Hz) Analysis (dB)						
		125	250	500	1000	2000	4000	8000
1.5-ton	61	48.4	52.3	57.3	54.9	48.7	44.8	40.4
2-ton	63	49.7	55.7	58.6	56.3	50.8	48.6	40.1
2.5-ton	70	56.2	61.4	65.5	64.5	58.4	52.0	44.6
3-ton	71	57.9	62.7	65.6	65.3	59.5	57.6	47.9
3.5-ton	71	60.7	61.3	64.8	66.1	61.5	56.0	50.3
4-ton	71	58.8	62.3	66.0	66.4	61.8	56.8	50.6
5-ton	72	61.0	64.2	66.6	66.7	62.2	57.0	51.3

[1] Compliant with AHRI 270.
[2] Compliant with AHRI 220.

Quiet mode_Cooling

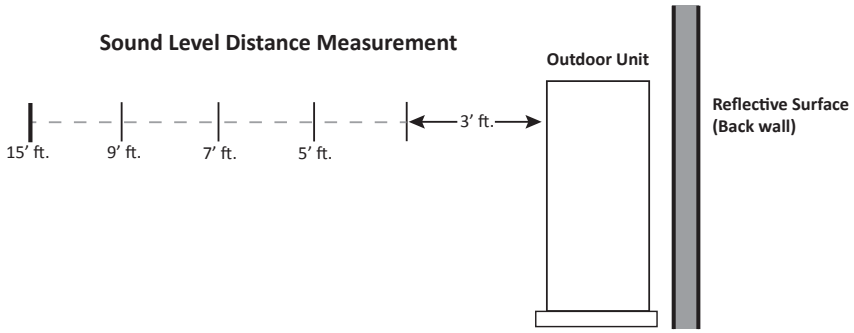
Tonnage	Sound suppression level	Sound Power Level (dBA)1	Sound Pressure Level (dBA)2
1.5-ton	LV.1	63	46
	LV.2	60	43
	LV.3	57	40
2-ton	LV.1	64	47
	LV.2	61	44
	LV.3	58	41
2.5-ton	LV.1	65	51
	LV.2	62	48
	LV.3	59	45
3-ton	LV.1	65	51
	LV.2	62	48
	LV.3	59	45
3.5-ton	LV.1	67	55
	LV.2	62	50
	LV.3	57	45
4-ton	LV.1	67	55
	LV.2	62	50
	LV.3	57	45
5-ton	LV.1	68	55
	LV.2	63	50
	LV.3	58	45

[1] Quiet Mode Sound Power and Sound Pressure levels determined at a distance of 3 [ft].

Quiet mode_Heating

Tonnage	Sound suppression level	Sound Power Level (dBA)1	Sound Pressure Level (dBA)2
1.5-ton	LV.1	65	48
	LV.2	62	45
	LV.3	59	42
2-ton	LV.1	66	49
	LV.2	63	46
	LV.3	60	43
2.5-ton	LV.1	67	53
	LV.2	64	50
	LV.3	59	45
3-ton	LV.1	67	53
	LV.2	64	50
	LV.3	59	45
3.5-ton	LV.1	67	55
	LV.2	62	50
	LV.3	57	45
4-ton	LV.1	67	55
	LV.2	62	50
	LV.3	57	45
5-ton	LV.1	68	55
	LV.2	63	50
	LV.3	58	45

[1] Quiet Mode Sound Power and Sound Pressure levels determined at a distance of 3 [ft].



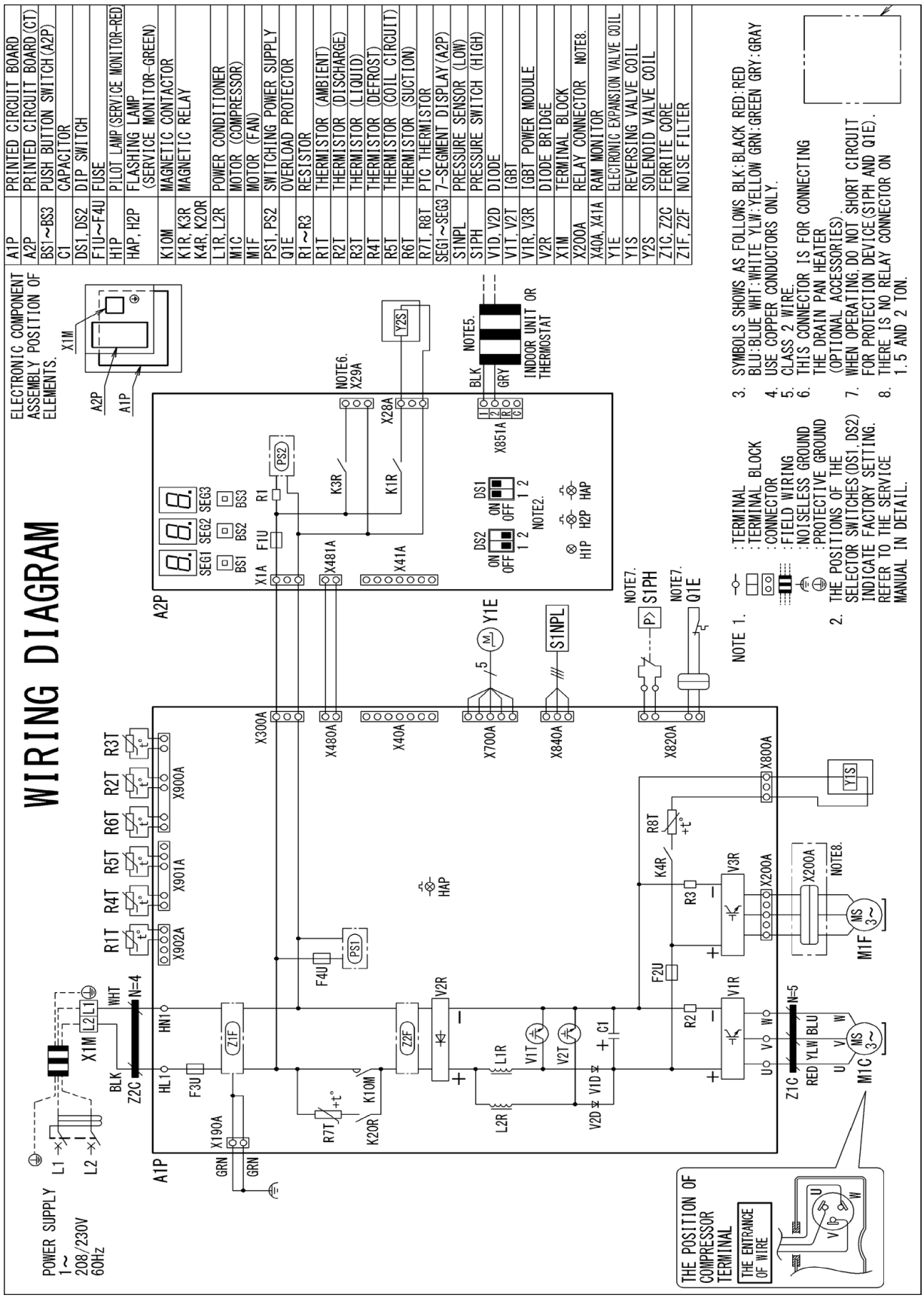
		Sound Pressure (dBA) Cooling Mode[1]				
		Distance From Property Line				
Tonnage	Reflective Surface Qty.	3'	5'	7'	9'	15'
1.5 Ton	0	53	49	46	44	39
	1	56	52	49	47	42
	2	59	55	52	50	45
2.0 Ton	0	56	52	49	47	42
	1	59	55	52	50	45
	2	62	58	55	53	48
2.5 Ton	0	59	54	52	49	45
	1	62	57	55	52	48
	2	65	60	58	55	51
3.0 Ton	0	60	56	53	51	46
	1	63	59	56	54	49
	2	66	62	59	57	52
3.5 Ton	0	63	59	56	54	49
	1	66	62	59	57	52
	2	69	65	62	60	55
4.0 Ton	0	64	60	57	55	50
	1	67	63	60	58	53
	2	70	66	63	61	56
5.0 Ton	0	64	60	57	55	50
	1	67	63	60	58	53
	2	70	66	63	61	56

[1] Compliant with AHRI 275 utilizing standard mode, total sound levels

		Sound Pressure (dBA) Heating Mode[1]				
		Distance From Property Line				
Tonnage	Reflective Surface Qty.	3'	5'	7'	9'	15'
1.5 Ton	0	54	49	46	44	40
	1	57	52	49	47	43
	2	60	55	52	50	46
2.0 Ton	0	55	51	48	46	41
	1	58	54	51	49	44
	2	61	57	54	52	47
2.5 Ton	0	62	58	55	53	48
	1	65	61	58	56	51
	2	68	64	61	59	54
3.0 Ton	0	63	59	56	54	49
	1	66	62	59	57	52
	2	69	65	62	60	55
3.5 Ton	0	63	59	56	54	49
	1	66	62	59	57	52
	2	69	65	62	60	55
4.0 Ton	0	64	60	57	54	50
	1	67	63	60	57	53
	2	70	66	63	60	56
5.0 Ton	0	65	61	58	55	51
	1	68	64	61	58	54
	2	71	67	64	61	57

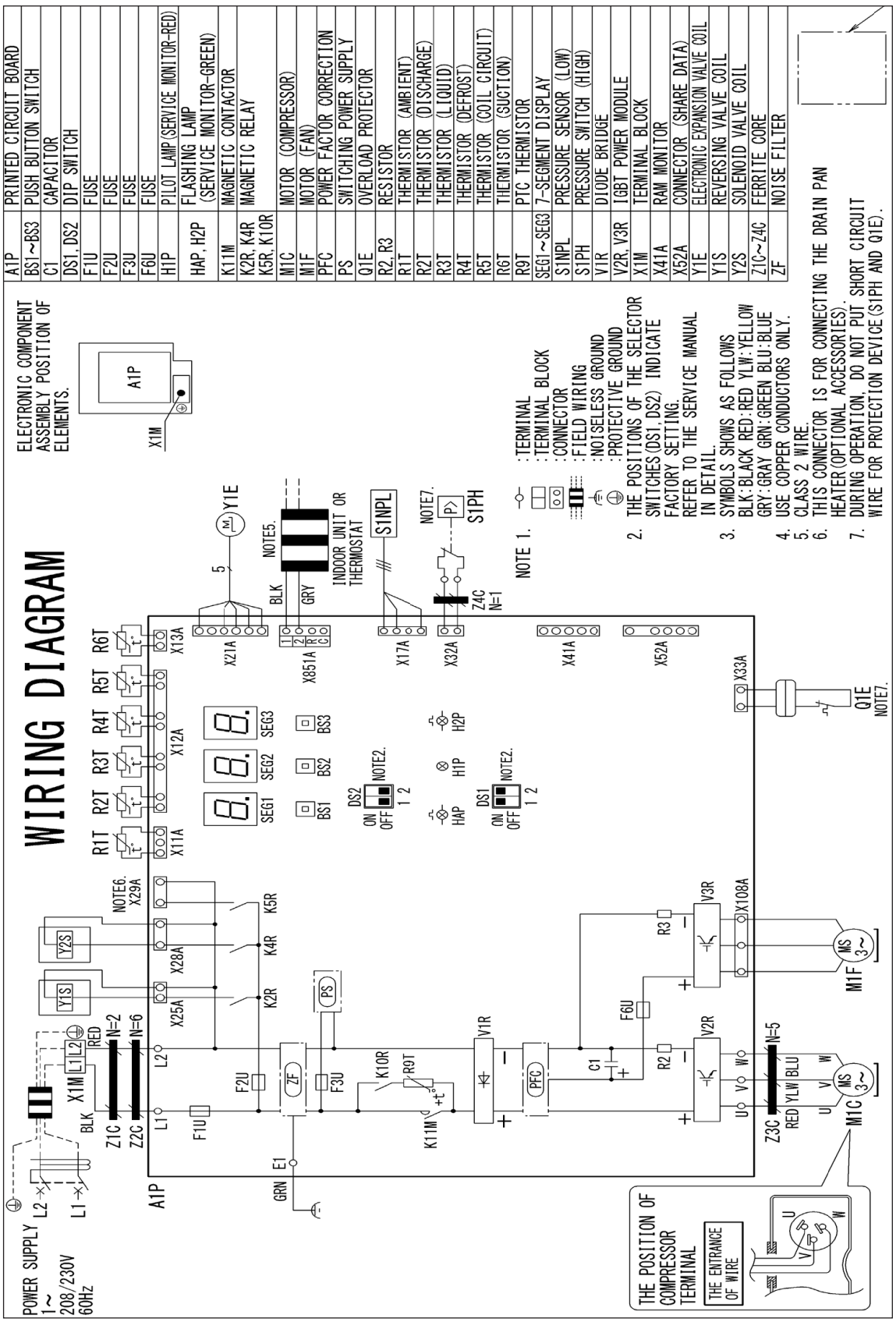
[1] Compliant with AHRI 275 utilizing standard mode, total sound levels

All AHRI system ratings are accessible in the System Configurator tool via PartnerLink.



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.

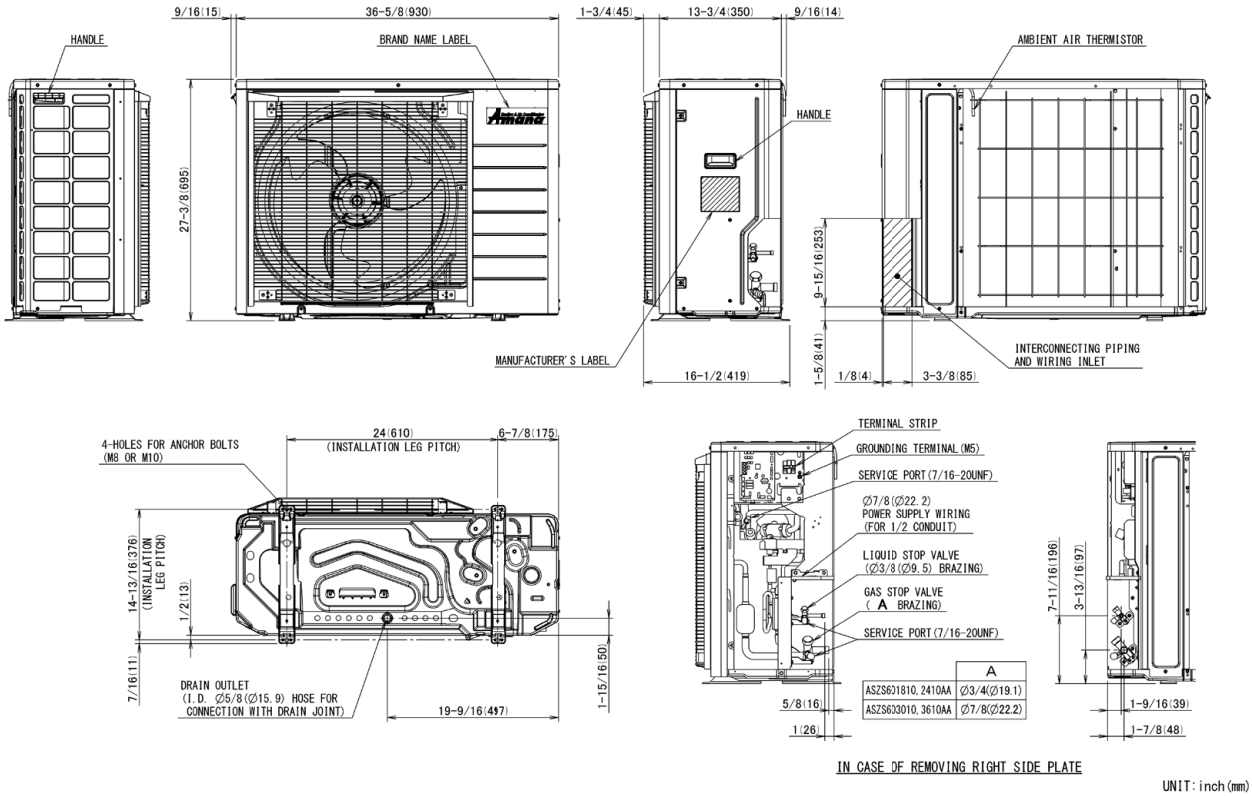


WARNING

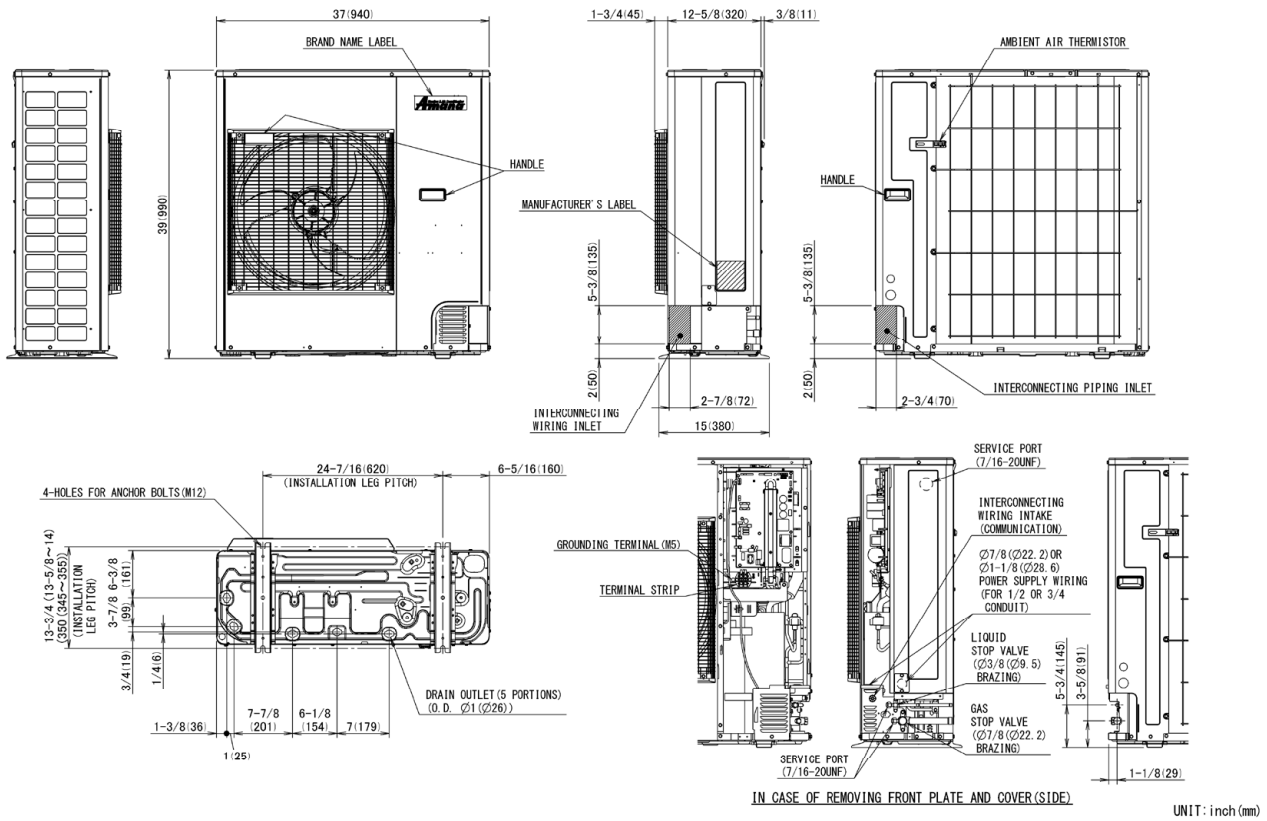
High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

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

MODEL	DIMENSIONS		
	W"	D"	H"
AZV6SA1810A*	36⅝	13¾	27⅜
AZV6SA2410A*	36⅝	13¾	27⅜
AZV6SA3010A*	36⅝	13¾	27⅜
AZV6SA3610A*	36⅝	13¾	27⅜



MODEL	DIMENSIONS		
	W"	D"	H"
AZV6SA4210A*	37	12⅝	39
AZV6SA4810A*	37	12⅝	39
AZV6SA6010A*	37	12⅝	39



MODEL	DESCRIPTION	AZV6SA 1810A*	AZV6SA A2410A*	AZV6SA A3010A*	AZV6SA A3610A*	AZV6SA A4210A*	AZV6SA A4810A*	AZV6SA A6010A*
KPW5G112	Wind Baffle	X	X	X	X	X	X	X
KPS00501 [1]	Snow Guard Front	X	X	X	X			
KPS00502 [1]	Snow Guard Rear	X	X	X	X			
KPS00503 [1]	Snow Guard Side	X	X	X	X			
KPS00504 [1]	Snow Guards - Complete Set	X	X	X	X			
KPS00601 [1]	Snow Guard Front					X	X	X
KPS00602 [1]	Snow Guard Rear					X	X	X
KPS00603 [1]	Snow Guard Side					X	X	X
KPS00604 [1]	Snow Guards - Complete Set					X	X	X
130-DK-006	Hail Guard	X	X	X	X			
130-DK-008	Hail Guard					X	X	X
KEH3P573598	Drain Pan Heater	X	X	X	X			
KEH3P573567	Drain Pan Heater					X	X	X
DACA-WB-3	Powder Coated Wall-Mounted Bracket	X	X	X	X	X	X	X
DSEN-HAQA	Daikin One Home Air Monitor	X	X	X	X	X	X	X
DQ-P-16-100	Daikin One Powered Ventilator	X	X	X	X	X	X	X

[1] Product is manufactured at time of order. Lead time will be associated with purchase.