

S-SERIES

UP TO 17.2 SEER2
1½ TO 5 TONS

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

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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
- Proprietary 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
- Proprietary 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-resistant (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.)



* 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 and Florida differs in some cases.

	A	X	V	6	S	S	36	1	0	A	A	
	1	2	3	4	5	6	7,8	9	*		*	
Brand A - Amana Brand												Minor Revision A – Initial Release
Outdoor Type X- R-32 Condenser Z- R-32 Heat Pump												Major Revision A – Initial Release
Compressor Type V - Variable Speed												Variation
Efficiency (SEER2) Nominal 3 – 13.4 - 13.7 7 – 17.0 - 17.9 4 – 13.8 - 14.5 8 – 18.0 - 18.9 5 – 14.6 - 15.9 9 – 19.0+ 6 – 16.0 - 16.9												Electrical 1 – 208/230 V, 1 Phase, 60 Hz
Feature/Application S - Side Discharge Communicating												Tonnage Nominal 18 - 1½ tons 42- 3½ Tons 24 - 2 tons 48- 4 Tons 30 - 2½ tons 60- 5 Tons 36 - 3 tons
												Sales Region S - Southeast & North A - All Region

	AXV6SS 1810A*	AXV6SS 2410A*	AXV6SS 3010A*	AXV6SS 3610A*	AXV6SS 4210A*	AXV6SS 4810A*	AXV6SS 6010A*
CAPACITIES (AHRI RATED)							
Max. Cooling (BTU/h)	17,100	23,200	28,400	34,200	41,000	45,500	53,500
AMBIENT OPERATION RANGE COOLING (°FDB(°CDB))	0 to 115 (-17.8 to 46.1)						
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.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	7/8"	7/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"	7/8"
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	1/2"	1/2"	1/2"	1/2"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
EQUIPMENT WEIGHT (LBS)	119	119	129	133	163	163	174
SHIP WEIGHT (LBS)	133	133	143	148	183	183	196

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 7/8" to 1 1/4" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure. (See table below for allowable line set diameter)

UNIT TONS	ALLOWABLE LINE SET DIAMETER						
	LIQUID			SUCTION			
	1/4"	5/16"	3/8"	7/8"	1"	1 1/8"	1 1/4"
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	AXV6S*361*A*	TRIM MORE THAN 10% SETTINGS ARE INVALID. TRIMMED UP CFM MAKES MISS MATCHING ERROR.
INDOOR UNIT	A*VT960403B/0603B	
	A*VM970603B	
	A*VT800603B/0803B	
	MBVK12BP	
	A*VS960603BU	
OUTDOOR UNIT	AXV6S*601*A*	TRIM MORE THAN 5% SETTINGS ARE INVALID. TRIMMED UP CFM MAKES MISS MATCHING ERROR.
INDOOR UNIT	A*VT960804C	
	A*VM970804C	
	A*VT800804C	

	AXV6SA 1810A*	AXV6SA 2410A*	AXV6SA 3010A*	AXV6SA 3610A*
CAPACITIES (AHRI RATED)				
Max. Cooling (BTU/h)	17,100	23,200	28,400	33,000
AMBIENT OPERATION RANGE COOLING (°FDB(°CDB))	0 to 115 (-17.8 to 46.1)			
COMPRESSOR				
Type	Swing	Swing	Swing	Swing
CONDENSER FAN MOTOR				
Horsepower	0.09	0.09	0.20	0.20
REFRIGERATION SYSTEM				
Refrigerant Line Size ¹				
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	7/8"	7/8"
Refrigerant Connection Size				
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	7/8"	7/8"
Valve Connection Type	Front Sealing	Front Sealing	Front Sealing	Front Sealing
Refrigerant Charge (oz.)	74	74	76	83
Expansion Device	EEV	EEV	EEV	EEV
Superheat at Service Valve	Auto-control	Auto-control	Auto-control	Auto-control
Subcooling at Service Valve	10±1°F	12±1°F	14±1°F	13±1°F
ELECTRICAL DATA				
Voltage / Phase (60 Hz)	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
Minimum Circuit Ampacity ²	12.8	16.8	22.4	22.4
Max. Overcurrent Protection ³	15	20	25	25
Min / Max Volts	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2"	1/2"	1/2"	1/2"
EQUIPMENT WEIGHT (LBS)	119	119	129	133
SHIP WEIGHT (LBS)	133	133	143	148

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 3/8" to 1 1/8" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

		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	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		0.70	0.63	0.49								
		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		18	16	14								
		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		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		7.7	7.7	7.7								
	610	Hi PR	234	237	238		277	278	279		321	322	323		369	370	371		421	423	424		479	480	482		479	480	482								
		Lo PR	121	122	129		125	128	135		130	133	141		134	137	145		137	141	148		142	146	153		142	146	153								
		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		0.99	0.70	0.57								
		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		17	15	12								
		ΔT	18	16	13		18	16	13		18	16	13		17	15	12		16	15	12		17	15	12												
700	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		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		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		481	482	484									
	Lo PR	121	124	131		127	130	138		132	135	143		136	139	147		139	143	151		144	148	156		144	148	156									
	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		14.0	14.2	14.7									
700	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		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		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		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		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		484	485	487									
Lo PR	123	127	134		129	133	140		134	138	145		138	142	149		142	145	153		146	150	158		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	1.43	1.42	1.43	1.64	1.64	1.64	1.65	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		

DB = Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

Shaded area is ACCA (TVA) conditions.

kW = Total system power
Amps = outdoor unit amps (comp.+fan)

		OUTDOOR AMBIENT TEMPERATURE																115°F							
		65°F				75°F				85°F				95°F				105°F				115°F			
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	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	
800	Lo PR	120	119	126		121	125	132		126	130	138		130	134	141		133	137	145		138	142	150	
	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	
920	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	
	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	
920	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	

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
800	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
	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
920	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
	MBh	26.1	26.5	27.2	28.4	25.2	25.6	26.3	27.4	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
920	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

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

Shaded area is ACCA (TVA) conditions.

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

DB = Entering Indoor Dry Bulb Temperature

Shaded areas is AHRI conditions.

Amps = outdoor unit amps (comp + fan)

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
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	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	
	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	
1160	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	
	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	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
	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
1160	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
	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

Shaded area is ACCA (TVA) conditions.

IDB = Entering Indoor Dry Bulb Temperature

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

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	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
1010	Lo PR	120	120	127	138	123	126	131	144	128	131	138	150	132	135	142	154	135	139	146	158	140	144	151	163
	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
1160	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
	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
85	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	122	129	140	125	128	135	146	130	133	140	151	134	137	144	156	137	141	148	159	142	145	153	164
	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	30	29	25	22	30	28	25	21	29	27	24	21	28	26	23	20	27	25	22	19	27	26	23	20
1010	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	121	124	131	142	127	130	137	149	132	135	142	154	136	139	146	158	139	143	150	162	144	147	155	167
	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
1160	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

kW = Total system power
Amps = outdoor unit amps (comp.+fan)

Shaded areas is AHRI conditions.

IDB = Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
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		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	
	MBh																								
	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	
70		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	
	MBh																								
	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		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	
	MBh																								
	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	

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

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

Shaded area is ACCA (TVA) conditions.

kW = Total system power
Amps = outdoor unit amps (comp.+fan)

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

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
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	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	
	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	
75	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	
	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	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
	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
75	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
	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

kW = Total system power
Amps = outdoor unit amps (comp.+fan)

Shaded area is ACCA (TVA) conditions

IDB = Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

Shaded area is AHRI conditions.

kW = Total system power
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IDB = Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
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	59	63	67	71	59	63	67	71				
70	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		0.70	0.62	0.49		0.64	0.57	0.44		0.70	0.62	0.49	
	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		0.70	0.62	0.49		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		21	20	16		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		3.33	3.33	3.32		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		13.7	13.7	13.6		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		513	514	516		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		132	138	147		123	129	137		132	138	147	
70	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		30.3	30.8	31.9		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		0.77	0.70	0.57		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		20	18	15		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		3.34	3.34	3.34		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		13.7	13.7	13.7		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		516	517	519		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		133	140	149		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		31.0	31.5	32.6		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		0.81	0.73	0.60		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		19	17	14		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		3.36	3.36	3.35		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		13.8	13.8	13.8		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		519	520	522		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		136	142	151		126	133	141		136	142	151	
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	29.7	30.3	31.4	33.0	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	0.82	0.75	0.62	0.48	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	26	24	20	17	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	3.33	3.33	3.32	3.34	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	13.7	13.7	13.6	13.7	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	513	515	516	521	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	132	138	147	158	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	30.3	30.8	31.9	33.6	40.5	41.1	42.5	44.5	31.0	31.5	32.6	34.3
	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	1.01	0.82	0.69	0.55	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	24	22	19	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	3.34	3.34	3.34	3.36	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	13.7	13.7	13.7	13.8	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	516	517	519	524	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	133	140	149	160	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	31.0	31.5	32.6	34.3	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	1.01	0.86	0.73	0.59	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	23	21	18	14	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																									

Shaded area is ACCA (TVA) conditions

IDB = Entering Indoor Dry Bulb Temperature

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

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		IDB		AIRFLOW		ENTERING INDOOR WET BULB TEMPERATURE																															
						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	20.1	20.2	21.7	21.7	21.7	21.8	13.7	13.7	13.7	13.8												
1590	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												
	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												
85	1170	kW	3.11	3.77	3.76	3.80	4.16	4.16	4.15	4.19	4.5																										

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
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	59	63	67	71								
70	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		0.71	0.63	0.50									
	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		21	19	16		21	19	16									
	ΔT	20	20	16		21	19	16		22	19	16		20	18	15		21	19	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		20.5	20.5	20.4									
	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		518	520	521									
	Hi PR	252	269	298		308	343	345		371	392	394		443	444	446		483	485	487		518	520	521		133	141	150									
	Lo PR	121	120	122		119	120	128		119	124	133		121	128	137		124	132	141		133	141	150		33.9	34.5	35.7									
70	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		0.78	0.71	0.57									
	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		20	18	14		20	18	14									
	ΔT	19	19	14		20	18	14		21	18	14		19	17	14		19	18	14		20	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		20.6	20.6	20.5									
	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		521	522	524									
	Hi PR	256	277	301		315	346	348		380	395	397		446	447	450		486	487	489		521	522	524		135	143	152									
	Lo PR	121	120	124		119	122	130		119	126	135		122	130	139		126	134	143		135	143	152		34.7	35.3	36.5									
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		0.82	0.74	0.61									
	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		19	17	13									
	ΔT	19	18	13		19	17	13		18	17	13		18	16	12		18	16	13		19	17	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		20.7	20.6	20.6									
	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		524	525	527									
	Hi PR	266	287	304		326	349	351		396	398	400		449	450	452		489	490	492		524	525	527		137	145	155									
	Lo PR	119	120	127		120	124	132		121	128	137		125	132	141		128	136	145		137	145	155		34.7	35.3	36.5									

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
75	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	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

		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	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											
80	1640	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											
		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											
1890	1890	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											
		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											

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
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	59	63	67	71	59	63	67	71				
70	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		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		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		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		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		6.5	6.5	6.5		7.7	7.7	7.7					
610	Hi PR	234	237	238		277	278	279		321	322	323		369	370	371		421	423	424		479	480	482		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		137	141	148		142	146	153					
	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		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		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		16	15	12		17	15	12					
700	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		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		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		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		139	143	151		144	148	156					
	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		15.2	15.4	15.9		14.0	14.2	14.7					
520	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		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		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		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		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		426	428	429		484	485	487					
75	Lo PR	123	127	134		129	133	140		134	138	145		138	142	149		142	145	153		146	150	158		142	145	153		146	150	158					
	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	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	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	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	1.64	1.64	1.64	1.65	1.89	1.89	1.89	1.90				
610	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	7.8	6.5	6.5	6.5	6.6	7.7	7.7	7.7	7.8				
	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	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	137	141	148	161	142	146	154	166				
	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	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	1.00	0.78	0.65	0.50	0.99	0.83	0.69	0.55				
700	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	21	19	16	13	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	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	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	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	136	139	147	159	139	143	151	163				
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	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	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	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	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	6.6	6.6	6.6	6.6	7.8	7.8	7.8	7.8				
700	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	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	142	145	153	165	147	150	158	171				

DB = Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

Shaded area is ACCA (TVA) conditions

kW = Total system power
Amps = outdoor unit amps (comp.+fan)

Shaded area is ACCA (TVA) conditions

IDB = Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.kW = Total system power
Amps = outdoor unit amps (comp.+fan)

		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											
	610	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											
		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	0.87	0.73	0.59	1.00	0.88	0.75	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											
700	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	1.44	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																			

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																																			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
	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		0.63	0.51	0.37									
	S/T					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		20	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		513	514	516									
70	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													
	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					0.66	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													
		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		0.72	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	1.79	2.02	2.01	2.01	2.03	2.27	2.27	2.29	2.29	2.56	2.56	2.56	2.57	2.90	2.90	2.91
		Amps	4.4	6.0	6.0	6.0	6.8	6.8	6.8	6.8	6.8	7.8	7.8	7.9	7.9	8.9	8.9	9.0	9.0	10.0	9.9	9.9	10.0	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	1.80	2.03	2.03	2.02	2.04	2.29	2.28	2.30	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	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	
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	1.81	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	7.0	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		

DB = Entering Indoor Dry Bulb Temperature

DB = Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

Shaded area is ACCA (TVA) conditions

kW = Total system power
Amps = outdoor unit amps (comp.+fan)

		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	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	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	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	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	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	10.0	9.9	10.0	10.2	10.2	10.2	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	514	515	517	522							
80	800	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	138	143	151	163							
		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	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	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	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	2.29	2.30	2.58	2.58	2.57	2.59	2.92	2.92	2.92	2.91	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	9.0	9.1	10.0	10.0	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1							
920	920	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	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	140	145	153	165							
		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	18.9	19.2	19.9	20.9							
		S/T																																			

		OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
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		
70	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	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		

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
1010	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
	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
1160	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
	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
1160	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

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

Shaded area is ACCA (TVA) conditions

kW = Total system power
Amps = outdoor unit amps (comp.+fan)

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

		OUTDOOR AMBIENT TEMPERATURE																																				
		65°F						75°F						85°F						95°F						105°F						115°F						
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	59	63	67	71	59	63	67	71					
70	MBh	29.0	32.6	37.0		34.4	34.9	36.0		32.8	33.3	34.3		30.6	31.1	32.0		28.1	28.6	29.5		26.7	27.1	28.1		24.1	24.6	25.5		21.2	21.7	22.6		18.4	18.9	19.8		
	S/T	0.66	0.55	0.39		0.62	0.54	0.40		0.64	0.57	0.43		0.66	0.58	0.44		0.68	0.61	0.47		1.00	0.66	0.52		1.00	0.66	0.52		1.00	0.66	0.52		1.00	0.66	0.52		
	ΔT	20	19	14		19	17	14		19	17	14		18	16	13		17	16	13		18	16	13		18	16	13		18	16	13		18	16	13		
	kW	1.56	1.77	2.31		2.64	2.64	2.63		3.00	2.99	2.99		3.38	3.38	3.38		3.82	3.82	3.81		4.38	4.38	4.37		4.38	4.38	4.37		4.38	4.38	4.37		4.38	4.38	4.37		
	Amps	5.7	6.5	8.6		10.0	10.0	9.9		11.5	11.5	11.4		13.1	13.1	13.1		14.9	14.9	14.9		17.2	17.2	17.1		17.2	17.2	17.1		17.2	17.2	17.1		17.2	17.2	17.1		
	Hi PR	283	288	292		330	331	333		372	373	375		416	417	419		462	463	465		510	512	513		510	512	513		510	512	513		510	512	513		
	Lo PR	120	120	124		124	126	132		131	133	139		137	139	146		143	145	152		150	152	159		150	152	159		150	152	159		150	152	159		
70	MBh	32.7	36.5	37.6		35.0	35.5	36.5		33.3	33.8	34.8		31.1	31.6	32.6		28.6	29.1	30.0		27.2	27.6	28.6		24.1	24.6	25.5		21.2	21.7	22.6		18.4	18.9	19.8		
	S/T	0.72	0.61	0.47		0.70	0.62	0.48		0.72	0.64	0.50		0.74	0.66	0.52		1.00	0.68	0.54		1.00	0.74	0.60		1.00	0.74	0.60		1.00	0.74	0.60		1.00	0.74	0.60		
	ΔT	19	16	13		18	16	13		17	16	13		17	15	12		16	15	12		17	15	12		17	15	12		17	15	12		17	15	12		
	kW	1.78	2.34	2.33		2.66	2.66	2.65		3.01	3.01	3.01		3.40	3.40	3.40		3.84	3.84	3.83		4.40	4.40	4.39		4.40	4.40	4.39		4.40	4.40	4.39		4.40	4.40	4.39		
	Amps	6.6	8.7	8.7		10.1	10.0	10.0		11.6	11.6	11.5		13.2	13.2	13.2		15.0	15.0	15.0		17.2	17.2	17.2		17.2	17.2	17.2		17.2	17.2	17.2		17.2	17.2	17.2		
	Hi PR	289	293	295		333	334	336		375	376	378		419	420	422		465	466	468		513	514	516		513	514	516		513	514	516		513	514	516		
	Lo PR	120	120	126		126	128	134		133	135	142		139	141	148		145	147	154		152	155	162		152	155	162		152	155	162		152	155	162		
1450	MBh	36.7	37.2	38.3		35.6	36.1	37.2		34.0	34.5	35.5		31.7	32.2	33.2		29.2	29.7	30.7		27.8	28.3	29.3		24.1	24.6	25.5		21.2	21.7	22.6		18.4	18.9	19.8		
	S/T	0.73	0.65	0.51		0.74	0.66	0.52		0.76	0.68	0.54		0.78	0.70	0.56		1.00	0.72	0.58		1.00	0.77	0.63		1.00	0.77	0.63		1.00	0.77	0.63		1.00	0.77	0.63		
	ΔT	17	15	12		17	15	12		16	15	12		16	14	11		15	14	11		16	14	11		16	14	11		16	14	11		16	14	11		
	kW	2.36	2.35	2.35		2.67	2.67	2.67		3.03	3.03	3.02		3.42	3.42	3.41		3.85	3.85	3.85		4.42	4.41	4.41		4.42	4.41	4.41		4.42	4.41	4.41		4.42	4.41	4.41		
	Amps	8.8	8.8	8.7		10.1	10.1	10.1		11.6	11.6	11.6		13.3	13.2	13.2		15.1	15.0	15.0		17.3	17.3	17.3		17.3	17.3	17.3		17.3	17.3	17.3		17.3	17.3	17.3		
	Hi PR	295	296	298		336	337	339		377	379	381		421	423	425		468	469	471		516	517	519		516	517	519		516	517	519		516	517	519		
	Lo PR	121	123	129		128	130	137		135	137	144		141	143	150		147	150	156		155	157	164		155	157	164		155	157	164		155	157	164		
1070	MBh	29.1	32.6	37.1	38.7	34.4	34.9	36.0	37.6	32.8	33.3	34.3	35.9	30.6	31.1	32.1	33.6	28.1	28.6	29.6	31.0	26.7	27.1	28.1	29.6	24.1	24.6	25.5	27.0	27.5	28.5	29.5	30.5	31.5	32.5	33.5	34.5	35.5
	S/T	0.80	0.69	0.53	0.38	0.75	0.68	0.53	0.39	0.78	0.70	0.56	0.41	1.00	0.72	0.58	0.43	1.00	0.74	0.60	0.45	1.00	0.79	0.65	0.50	1.00	0.79	0.65	0.50	1.00	0.79	0.65	0.50	1.00	0.79	0.65		
	ΔT	24	23	18	15	23	21	18	14	22	21	18	14	22	20	17	14	21	19	16	13	21	20	17	14	22	20	17	14	21	19	16	13	21	20	17	14	
	kW	1.56	1.77	2.31	2.33	2.64	2.63	2.63	2.65	2.99	2.99	2.99	3.01	3.38	3.38	3.37	3.40	3.82	3.81	3.81	3.83	4.38	4.38	4.37	4.39	4.38	4.38	4.37	4.39	4.38	4.38	4.37	4.39	4.38	4.38	4.37		
	Amps	5.7	6.5	8.6	8.7	10.0	10.0	9.9	10.0	11.5	11.5	11.4	11.5	13.1	13.1	13.1	13.2	14.9	14.9	14.9	15.0	17.2	17.1	17.1	17.2	17.2	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2		
	Hi PR	283	288	293	298	330	331	333	338	372	373	375	380	416	417	419	424	462	464	465	470	511	512	514	518	511	512	514	518	511	512	514	518	511	512	514	518	
	Lo PR	120	120	124	135	124	126	132	144	131	133	139	151	137	139	146	158	143	145	152	164	150	153	159	172	150	153	159	172	150	153	159	172	150	153	159		
75	MBh	32.7	36.6	37.6	39.2	35.0	35.5	36.5	38.1	33.3	33.8	34.8	36.4	31.1	31.6	32.6	34.1	28.6	29.1	30.1	31.5	27.2	27.7	28.6	30.1	24.1	24.6	25.5	27.0	27.5	28.5	29.5	30.5	31.5	32.5	33.5	34.5	35.5
	S/T	0.85	0.75	0.61	0.46	0.83	0.75	0.61	0.46	0.86	0.78	0.64	0.49	1.00	0.66	0.51	0.36	1.00	0.82	0.68	0.53	1.00	1.00	0.73	0.58	1.00	0.82	0.68	0.53	1.00	0.82	0.68	0.53	1.00	0.82	0.68		
	ΔT	24	20	17	13	21	20	16	13	21	19	16	13	20	19	16	13	20	18	15	12	20	19	16	13	20	18	15	12	20	19	16	13	20	19	16	13	
	kW	1.78	2.34	2.33	2.35	2.66	2.65	2.65	2.67	3.01	3.01	3.01	3.03	3.40	3.40	3.39	3.42	3.84	3.83	3.83	3.85	4.40	4.40	4.39	4.41	4.40	4.40	4.39	4.41	4.40	4.40	4.39	4.41	4.40	4.40	4.39		
	Amps	6.6	8.7	8.7	8.8	10.0	10.0	10.0	10.1	11.6	11.5	11.5	11.6	13.2	13.2	13.2	13.2	15.0	15.0	14.9	15.0	17.2	17.2	17.2	17.3	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2		
	Hi PR	289	293	295	301	333	334	336	341	375	376	378	383	419	420	422	427	465	466	468	473	513	515	516	521	513	515	516	521	513	515	516	521	513	515	516	521	
	Lo PR	120	120	126	137	126	128	134	146	133	135	142	153	139	141	148	160	145	147	154	166	152	155	162	174	152	155	162	174	152	155	162	174	152	155	162		
1450	MBh	36.7	37.2	38.3	39.9	35.7	36.1	37.2	38.8	34.0	34.5	35.5	37.1	31.8	32.2	33.2	34.7	29.3	29.7	30.7	32.2	27.8	28.3	29.3	30.8	24.1	24.6											

IDB		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																								
				65°F				75°F				85°F				95°F				105°F				115°F				
				59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
		ENTERING INDOOR WET BULB TEMPERATURE																										
80	1070	MBh	30.6	32.8	37.3	38.9	34.6	35.1	36.2	37.7	33.0	33.5	34.5	36.0	30.8	31.2	32.2	33.8	28.3	28.8	29.7	31.2	26.9	27.3	28.3	29.8		
		S/T	0.92	0.83	0.66	0.51	1.01	0.81	0.66	0.52	1.00	0.83	0.69	0.54	1.00	0.85	0.71	0.56	1.00	1.00	0.73	0.58	1.00	1.00	0.78	0.63		
		ΔT	29	27	22	19	26	25	22	18	26	24	21	18	25	24	21	17	25	23	20	17	25	23	20	17		
		kW	1.65	1.77	2.31	2.34	2.64	2.64	2.63	2.65	2.99	2.99	2.99	3.01	3.38	3.38	3.38	3.40	3.82	3.82	3.81	3.83	4.38	4.38	4.37	4.40		
		Amps	6.1	6.5	8.6	8.7	10.0	10.0	9.9	10.0	11.5	11.5	11.4	11.5	13.1	13.1	13.1	13.2	14.9	14.9	14.9	15.0	17.2	17.2	17.1	17.2		
80	1260	Hi PR	285	288	293	298	331	332	334	339	373	374	376	381	417	418	420	425	463	464	466	471	511	512	514	519		
		Lo PR	120	120	125	136	125	127	133	144	131	134	140	152	137	140	146	158	143	146	152	165	151	153	160	173		
		MBh	32.9	36.7	37.8	39.4	35.2	35.7	36.7	38.3	33.5	34.0	35.0	36.6	31.3	31.8	33.0	34.3	28.8	29.3	30.2	31.7	27.4	27.8	28.8	30.3		
		S/T	0.99	0.88	0.74	0.59	1.01	0.88	0.74	0.59	1.00	0.91	0.77	0.62	1.00	0.93	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.86	0.71		
		ΔT	28	24	21	17	25	23	20	17	25	23	20	17	24	22	19	16	23	22	19	16	24	22	19	16		
80	1260	kW	1.78	2.34	2.33	2.36	2.66	2.66	2.65	2.67	3.01	3.01	3.01	3.03	3.40	3.40	3.42	3.43	3.84	3.84	3.83	3.85	4.40	4.40	4.39	4.42		
		Amps	6.6	8.7	8.7	8.8	10.1	10.0	10.0	10.1	11.6	11.6	11.5	11.6	13.2	13.2	13.2	13.3	15.0	15.0	15.0	15.1	17.2	17.2	17.2	17.3		
		Hi PR	290	294	296	301	334	335	337	342	375	377	379	384	419	421	423	427	466	467	469	474	514	515	517	522		
		Lo PR	120	121	127	138	127	129	135	146	134	136	142	154	140	142	150	160	146	148	155	167	153	155	162	175		
		MBh	36.9	37.4	38.5	40.1	35.8	36.3	37.4	39.0	34.2	34.7	35.7	37.2	31.9	32.4	33.4	34.9	29.4	29.9	30.9	32.3	28.0	28.5	29.4	30.9		
80	1450	S/T	1.00	0.92	0.78	0.63	1.01	0.92	0.78	0.63	1.00	0.95	0.81	0.66	1.00	0.97	0.83	0.68	1.00	1.00	0.85	0.70	1.00	1.00	0.90	0.75		
		ΔT	25	23	20	16	24	22	19	16	24	22	19	16	23	21	18	15	22	21	18	15	23	21	18	15		
		kW	2.36	2.35	2.35	2.37	2.67	2.67	2.67	2.69	3.03	3.03	3.02	3.05	3.42	3.42	3.41	3.43	3.85	3.85	3.85	3.87	4.42	4.41	4.41	4.43		
		Amps	8.8	8.8	8.7	8.8	10.1	10.1	10.1	10.2	11.6	11.6	11.6	11.7	13.3	13.2	13.2	13.3	15.1	15.0	15.0	15.1	17.3	17.3	17.3	17.4		
		Hi PR	296	297	299	304	337	338	340	345	378	379	381	386	422	423	425	430	468	470	472	476	517	518	520	524		
80	1450	Lo PR	121	123	129	140	129	131	137	149	136	138	145	156	142	144	151	163	148	150	157	169	155	158	165	177		
		85	1070	MBh	32.9	36.8	37.8	39.5	35.2	35.7	36.7	38.3	33.6	34.0	35.1	36.6	31.3	31.8	32.8	34.3	28.8	29.3	30.3	31.8	27.4	27.9	28.9	30.3
				S/T	1.01	0.91	0.77	0.62	1.01	0.91	0.77	0.62	1.00	0.93	0.79	0.65	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.69	1.00	1.00	1.00	0.74
				ΔT	33	29	26	22	30	28	25	22	29	28	25	21	29	27	24	21	28	26	23	20	28	26	24	20
				kW	1.77	2.32	2.32	2.34	2.64	2.64	2.64	2.66	3.00	3.00	2.99	3.02	3.39	3.39	3.38	3.40	3.82	3.82	3.82	3.84	4.39	4.38	4.38	4.40
Amps	6.6			8.6	8.6	8.7	10.0	10.0	10.0	10.1	11.5	11.5	11.5	11.6	13.1	13.1	13.1	13.2	14.9	14.9	14.9	15.0	17.2	17.2	17.2	17.3		
85	1070	Hi PR	288	292	294	299	332	333	335	340	374	375	377	382	418	419	421	426	464	465	467	472	512	514	515	520		
		Lo PR	120	121	127	138	126	128	135	146	133	135	142	153	139	141	148	160	145	147	154	167	153	155	162	175		
		MBh	36.8	37.3	38.4	40.0	35.8	36.2	37.3	38.9	34.1	34.6	35.6	37.1	31.9	32.3	33.3	34.8	29.3	29.8	30.8	32.3	27.9	28.4	29.4	30.9		
		S/T	1.01	0.99	0.84	0.70	1.01	0.99	0.85	0.70	1.00	1.00	0.87	0.72	1.00	1.00	0.89	0.74	1.00	1.00	0.91	0.76	1.00	1.00	1.00	0.82		
		ΔT	29	27	24	21	29	27	24	20	28	27	23	20	27	26	23	19	26	25	22	19	27	25	22	19		
85	1260	kW	2.35	2.34	2.34	2.36	2.66	2.66	2.66	2.68	3.02	3.02	3.01	3.04	3.41	3.41	3.40	3.42	3.84	3.84	3.84	3.86	4.41	4.40	4.40	4.42		
		Amps	8.7	8.7	8.7	8.8	10.1	10.1	10.0	10.1	11.6	11.6	11.6	11.7	13.2	13.2	13.2	13.3	15.0	15.0	15.0	15.1	17.3	17.3	17.2	17.3		
		Hi PR	294	295	297	302	335	336	338	343	377	378	380	385	421	422	424	429	467	468	470	475	515	516	518	523		
		Lo PR	121	123	129	140	128	130	137	148	135	137	144	156	141	143	150	162	147	150	156	169	155	157	164	177		
		MBh	37.5	38.0	39.1	40.7	36.4	36.9	38.0	39.5	34.8	35.2	36.3	37.8	32.5	33.0	34.0	35.5	30.0	30.4	31.4	32.9	28.5	29.0	30.0	31.5		
85	1450	S/T	1.01	1.01	0.88	0.73	1.01	1.01	0.89	0.74	1.00	1.00	0.91	0.76	1.00	1.00	0.93	0.78	1.00	1.00	1.00	0.80	1.00	1.00	1.00	0.85		
		ΔT	28	26	23	20	28	26	23	19	27	25	22	19	26	25	22	18	26	24	21	18	26	24	21	18		
		kW	2.36	2.36	2.35	2.38	2.68	2.68	2.67	2.70	3.04	3.03	3.03	3.05	3.42	3.42	3.42	3.44	3.86	3.86	3.85	3.88	4.42	4.42	4.41	4.44		
		Amps	8.8	8.8	8.8	8.9	10.1	10.1	10.1	10.2	11.7	11.6	11.6	11.7	13.3	13.3	13.2	13.3	15.1	15.1	15.0	15.1	17.3	17.3	17.3	17.4		
		Hi PR	297	298	300	305	338	339	341	346	380	381	383	388	423	425	427	431	470	471	473	478	518	519	521	526		
85	1450	Lo PR	123	125	131	142	131	133	139	151	138	140	146	158	144	146	153	165	150	152	159	171	157	159	166	179		
		Shaded area is AHRI conditions.																										
		kW = Total system power																										
		DB = Entering Indoor Dry Bulb Temperature																										
		High and low pressures are measured at the liquid and suction service valves.																										
Amos = outdoor unit amper (comp.+fan)																												

AXV6SS1810A* / AHVE24BP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F				
- 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	1,165
85°	18,100	13,200	4,900	1,250
90°	17,600	13,000	4,600	1,340
95°	17,100	12,800	4,300	1,430
100°	16,400	12,500	3,900	1,540
105°	15,700	12,100	3,600	1,650
110°	15,100	12,000	3,100	1,775
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

AXV6SS1810A* / AHVE24BP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F				
- 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

AXV6SS2410A* / AHVE24BP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 11-13 °F				
- 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	1,910
85°	24,700	17,800	6,900	2,030
90°	24,000	17,500	6,500	2,150
95°	23,200	17,200	6,000	2,270
100°	22,200	16,600	5,600	2,420
105°	21,100	16,000	5,100	2,570
110°	20,300	15,900	4,400	2,740
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

AXV6SS2410A* / AHVE24BP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 11-13 °F				
- 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

AXV6SS3010A* / AHVE36CP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 13-15 °F				
- 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	2,415
85°	30,200	22,700	7,500	2,550
90°	29,300	22,300	7,000	2,695
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	3,345
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

AXV6SS3010A* / AHVE36CP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 13-15 °F				
- 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

PERFORMANCE DATA FOR STANDARD OPERATING MODE (CONT.)

AXV6SS3610A* / AHVE36CP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 14-16 °F				
- 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	3,240
85°	36,300	27,200	9,100	3,430
90°	35,300	26,800	8,500	3,615
95°	34,200	26,300	7,900	3,800
100°	32,500	25,300	7,200	4,055
105°	30,800	24,300	6,500	4,310
110°	29,800	24,600	5,200	4,350
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

AXV6SS3610A* / AHVE36CP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 14-16 °F				
- 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

AXV6SS4210A* / AHVE48DP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 7-9 °F				
- 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	3,920
85°	42,800	30,400	12,400	4,120
90°	41,900	30,200	11,700	4,340
95°	41,000	29,900	11,100	4,560
100°	39,800	29,400	10,400	4,785
105°	38,500	28,900	9,600	5,010
110°	35,200	27,400	7,800	4,065
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

AXV6SS4210A* / AHVE48DP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 7-9 °F				
- 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

AXV6SS4810A* / AHVE48DP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 8-10 °F				
- 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	4,340
85°	48,400	34,400	14,000	4,550
90°	47,000	33,800	13,200	4,775
95°	45,500	33,200	12,300	5,000
100°	43,700	32,500	11,200	5,225
105°	41,800	31,800	10,000	5,450
110°	37,000	28,900	8,100	4,395
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

AXV6SS4810A* / AHVE48DP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 8-10 °F				
- 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

AXV6SS6010A* / AHVE60DP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 8-10 °F				
- 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	5,020
85°	56,500	39,600	16,900	5,330
90°	55,000	39,100	15,900	5,635
95°	53,500	38,500	15,000	5,940
100°	49,500	36,300	13,200	5,915
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

AXV6SS6010A* / AHVE60DP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 8-10 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	62,400	40,600	21,800	5,950
80°	62,100	41,000	21,100	6,350
85°	61,500	41,200	20,300	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

AXV6SA1810A* / AHVE24BP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F				
- 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	1,165
85°	18,100	13,200	4,900	1,250
90°	17,600	13,000	4,600	1,340
95°	17,100	12,800	4,300	1,430
100°	16,400	12,500	3,900	1,540
105°	15,700	12,100	3,600	1,650
110°	15,100	12,000	3,100	1,775
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

AXV6SA1810A* / AHVE24BP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F				
- 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

AXV6SA2410A* / AHVE24BP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 11-13 °F				
- 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	1,910
85°	24,700	17,800	6,900	2,030
90°	24,000	17,500	6,500	2,150
95°	23,200	17,200	6,000	2,270
100°	22,200	16,600	5,600	2,420
105°	21,100	16,000	5,100	2,570
110°	20,300	15,900	4,400	2,740
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

AXV6SA2410A* / AHVE24BP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 11-13 °F				
- 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

PERFORMANCE DATA FOR STANDARD OPERATING MODE (CONT.)

AXV6SA3010A* / AHVE36CP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 13-15 °F				
- 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	2,415
85°	30,200	22,700	7,500	2,550
90°	29,300	22,300	7,000	2,695
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	3,345
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

AXV6SA3010A* / AHVE36CP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 13-15 °F				
- 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

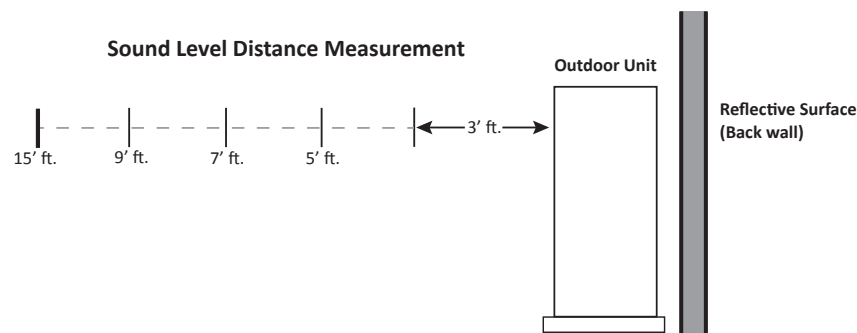
AXV6SA3610A* / CAPEA3626*3A* + MBVK16CP1***A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 12-14 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	36,700	27,200	9,500	2,650
80°	35,900	27,100	8,800	2,830
85°	35,000	27,000	8,000	3,010
90°	34,000	26,600	7,400	3,190
95°	33,000	26,100	6,900	3,370
100°	31,600	25,300	6,300	3,600
105°	30,200	24,500	5,700	3,830
110°	29,100	24,300	4,800	4,090
115°	28,800	24,800	4,000	4,400
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	31,600	25,300	6,300	3,400

AXV6SA3610A* / CAPEA3626*3A* + MBVK16CP1***A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 12-14 °F				
- 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

NORMAL MODE		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	48.1	53.4	57.3	55.2	48.8	41.6	36.9
2-ton	64	48.2	58.2	61.0	56.1	49.2	43.7	39.4
2.5-ton	67	57.9	58.4	62.9	61.1	55.1	48.3	41.2
3-ton	68	56.3	60.0	64.3	61.3	56.9	53.7	45.8
3.5-ton	71	60.3	64.5	65.2	65.8	60.9	54.4	48.1
4-ton	72	64.0	65.4	66.2	65.8	61.0	56.3	49.3
5-ton	73	62.9	66.4	67.0	67.4	63.0	58.9	50.6

¹ Compliant with AHRI 270.

² Compliant with AHRI 220.



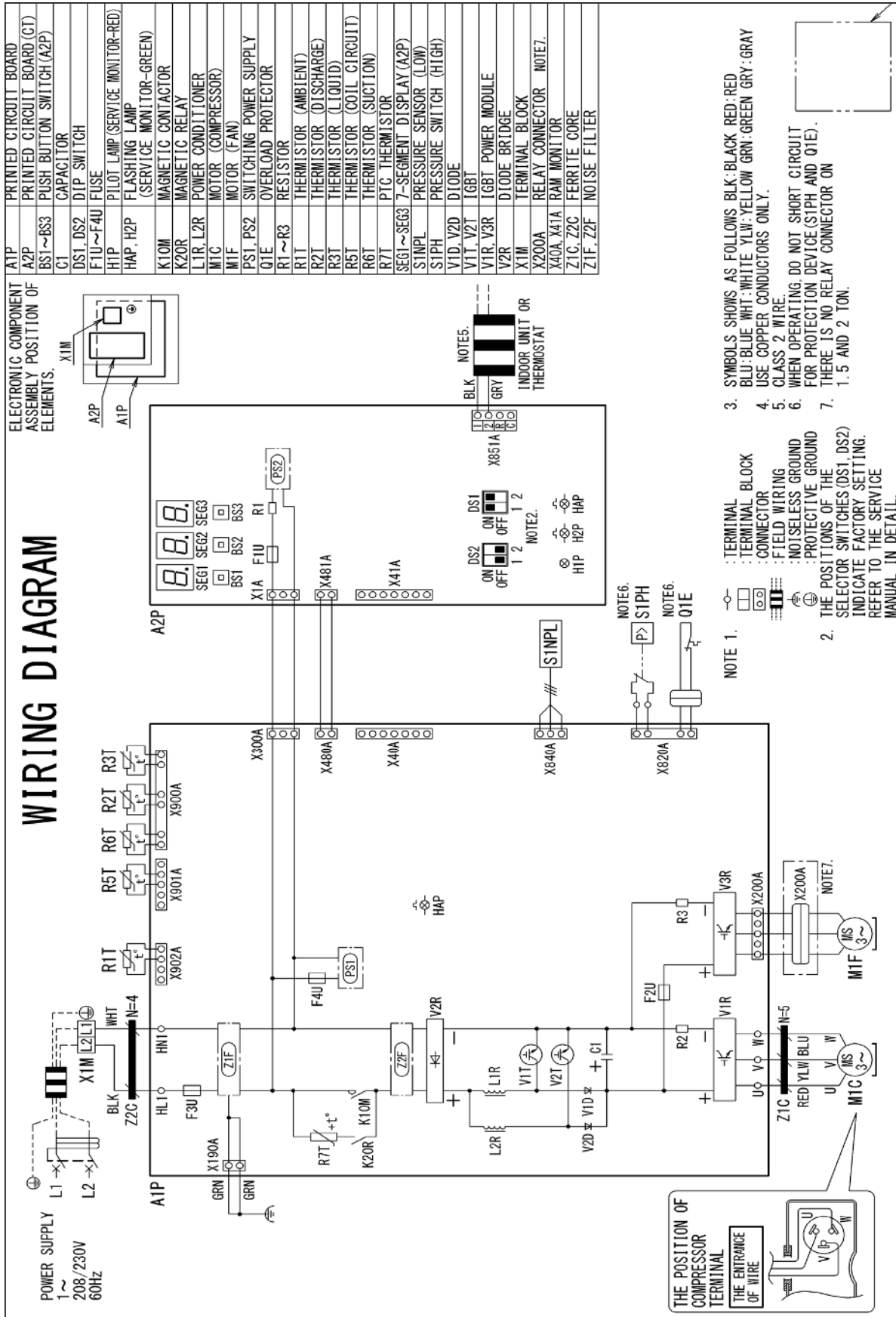
		SOUND PRESSURE (dBA) COOLING MODE ¹				
		DISTANCE FROM PROPERTY LINE				
TONNAGE	REFLECTIVE SURFACE QTY.	3'	5'	7'	9'	15'
1.5 Ton	0	54	49	46	44	40
	1	57	52	49	47	43
	2	60	55	52	50	46
2.0 Ton	0	57	52	49	47	43
	1	60	55	52	50	46
	2	63	58	55	53	49
2.5 Ton	0	60	55	52	50	46
	1	63	58	55	53	49
	2	66	61	58	56	52
3.0 Ton	0	61	56	53	51	47
	1	64	59	56	54	50
	2	67	62	59	57	53
3.5 Ton	0	64	59	56	54	50
	1	67	62	59	57	53
	2	70	65	62	60	56
4.0 Ton	0	65	60	57	55	51
	1	68	63	60	58	54
	2	71	66	63	61	57
5.0 Ton	0	66	61	58	56	52
	1	69	64	61	59	55
	2	72	67	64	62	58

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

QUIET MODE			
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

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

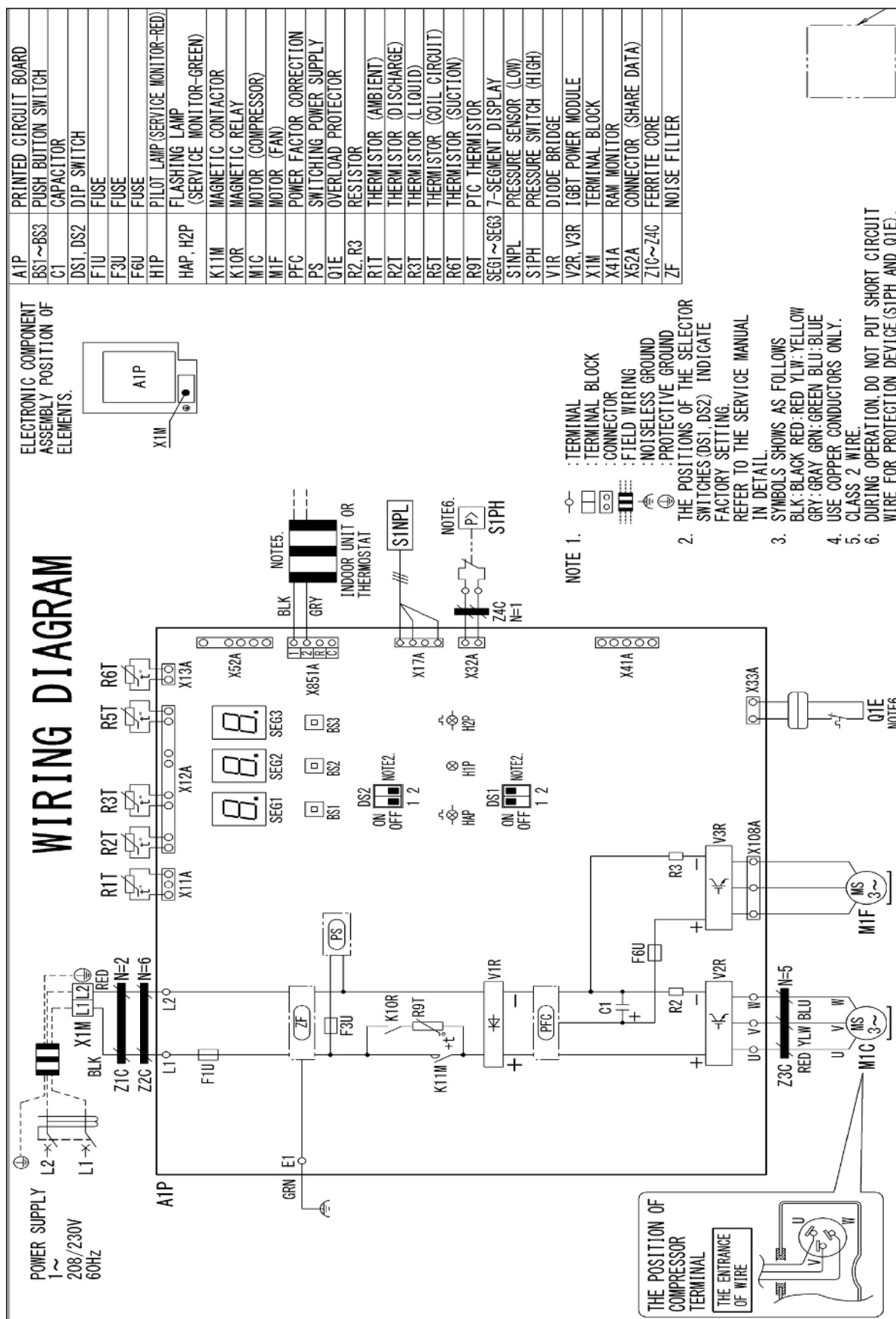
All AHRI system ratings are accessible in the System Configurator tool via PartnerLink.



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

WARNING

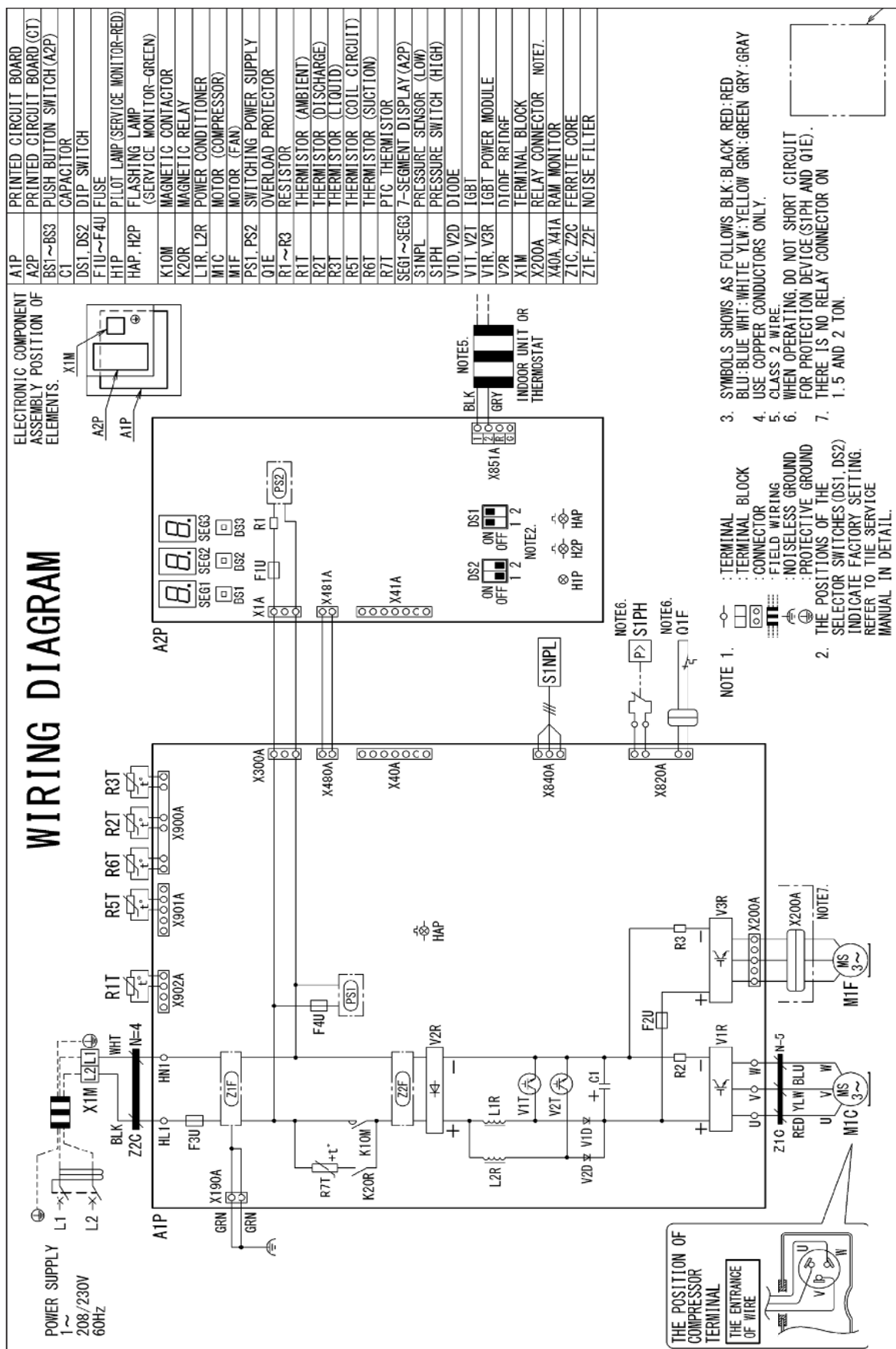
High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.



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

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 on the unit for the most up-to-date wiring.

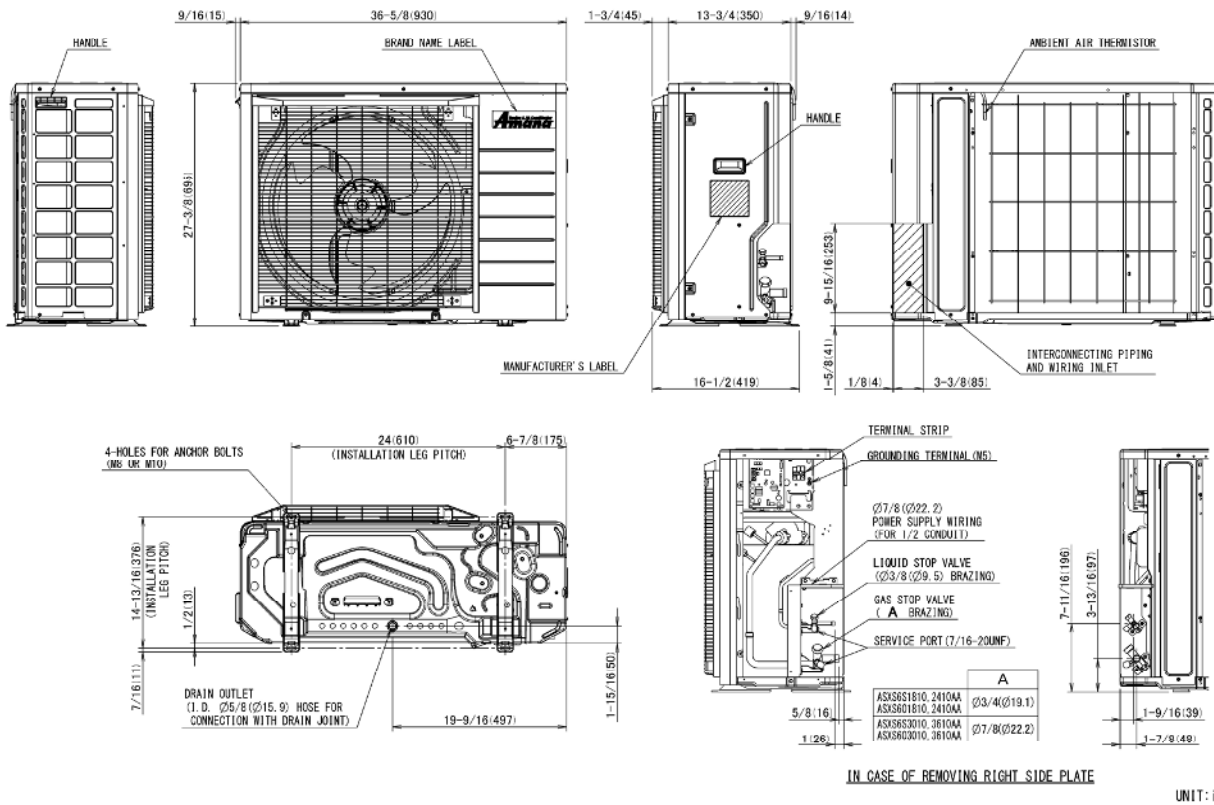


WARNING

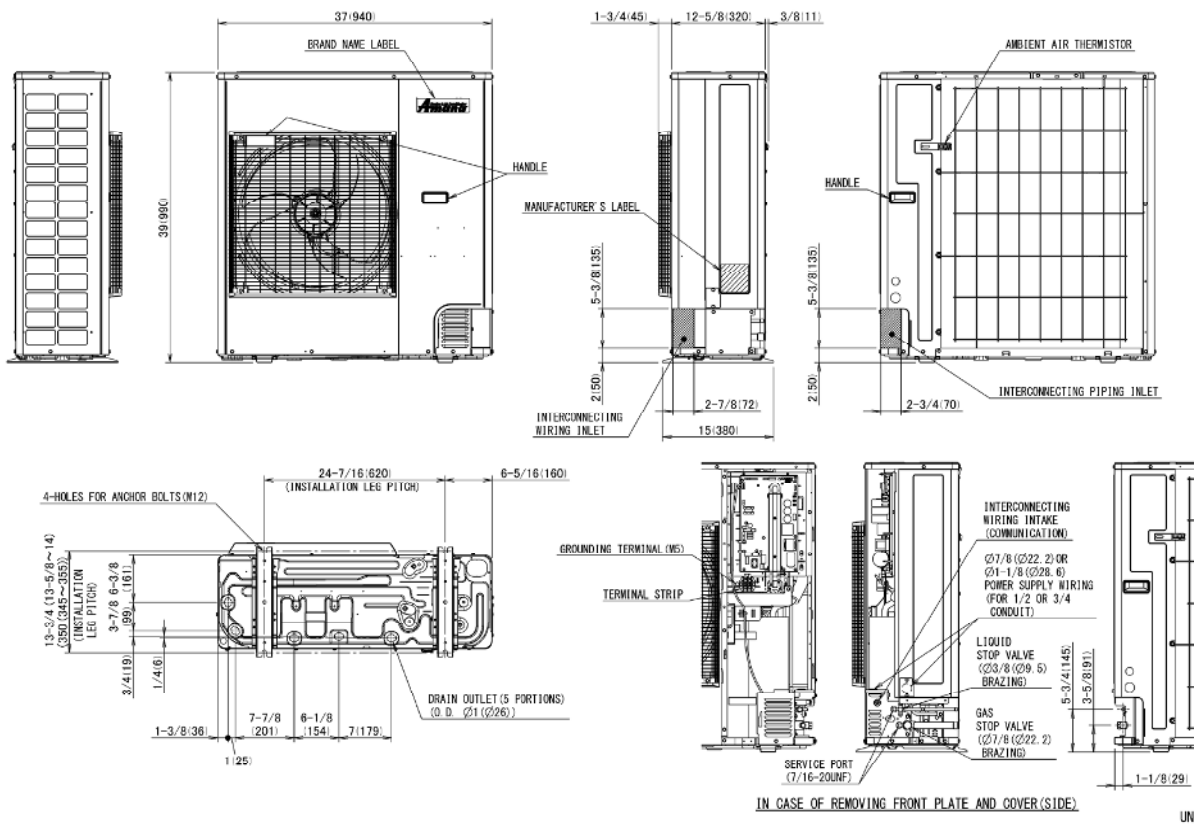
High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.



MODEL	DIMENSIONS		
	W"	D"	H"
AXV6SS1810A*/AXV6SA1810A*	36 $\frac{3}{4}$	13 $\frac{3}{4}$	27 $\frac{3}{4}$
AXV6SS2410A*/AXV6SA2410A*	36 $\frac{3}{4}$	13 $\frac{3}{4}$	27 $\frac{3}{4}$
AXV6SS3010A*/AXV6SA3010A*	36 $\frac{3}{4}$	13 $\frac{3}{4}$	27 $\frac{3}{4}$
AXV6SS3610A*/AXV6SA3610A*	36 $\frac{3}{4}$	13 $\frac{3}{4}$	27 $\frac{3}{4}$



MODEL	DIMENSIONS		
	W"	D"	H"
AXV6SS4210A*	37	12 $\frac{1}{2}$	39
AXV6SS4810A*	37	12 $\frac{1}{2}$	39
AXV6SS6010A*	37	12 $\frac{1}{2}$	39



MODEL	DESCRIPTION	AXV6SS 1810A*	AXV6SS 2410A*	AXV6SS 3010A*	AXV6SS 3610A*	AXV6SS 4210A*	AXV6SS 4810A*	AXV6SS 6010A*	AXV6SA 1810A*	AXV6SA 2410A*	AXV6SA 3010A*	AXV6SA 3610A*
KPW5G112	Wind Baffle	X	X	X	X	X	X	X	X	X	X	X
130-DK-006	Hail Guard	X	X	X	X				X	X	X	X
130-DK-008	Hail Guard					X	X	X				
DACA-WB-3	Powder Coated Wall-Mounted Bracket	X	X	X	X	X	X	X	X	X	X	X
DTA119A72	D24V Gateway	X	X	X	X	X	X	X				