

S-SERIES

UP TO 17.2 SEER2
1½ TO 5 TONS

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

■ Contents

Nomenclature.....	2
Product Specifications.....	3
Expanded Cooling Data	4
DTA119A71 Expanded Cooling Data	27
Performance Data	
Standard Mode / Boost Mode	41
Sound Data	
Sound Power	45
Sound Pressure	46
Quiet Mode.....	47
Sound Power & Sound Pressure	47
AHRI Ratings (see note).....	48
Wiring Diagram	49
Dimensions	52
Accessories	54



■ 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 on 1.5-3.0 Tons
- 500-hour salt-spray tested
- Wire fan discharge grille
- Top and side maintenance access
- When properly anchored, meets the 2020 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.

2 www.amana-hac.com SS-ASXS6

	ASXS6 S1810A*	ASXS6 S2410A*	ASXS6 S3010A*	ASXS6 S3610A*	ASXS6 S4210A*	ASXS6 S4810A*	ASXS6 S6010A*
CAPACITIES (AHRI RATED)							
Max. Cooling (BTU/h)	16,600	22,200	27,800	33,600	39,500	45,000	53,000
AMBIENT OPERATION RANGE COOLING (*FDB(*CDB))	0 to 115 (-17.8 to 46.1)						
COMPRESSOR							
Type	Swing	Swing	Swing	Swing	Swing	Swing	Swing
RLA	10.0	13.4	16.8	16.8	25.5	25.5	26.9
CONDENSER FAN MOTOR							
Horsepower	0.09	0.09	0.20	0.20	0.36	0.36	0.36
FLA	1.15	1.15	2.00	2.00	1.63	1.63	1.63
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.)	76	76	79	85	111	111	131
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
Minimum Circuit Ampacity ²	14.6	18.8	23.9	23.9	34.4	34.4	36.2
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 1/8" 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.
- (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 1/8	1 3/8	1 7/8
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	ASXS6*361*A*	
INDOOR UNIT	A*VC960403B/0603B A*VM970603B A*VC800603B/0803B MBVC1200 A*VS960805CU	TRIM MORE THAN 10% SETTINGS ARE INVALID. TRIMMED UP CFM MAKES MISS MATCHING ERROR.
OUTDOOR UNIT	ASXS6*601*A*	
INDOOR UNIT	A*VC960804C A*VM970804C A*VC800804C	TRIM MORE THAN 5% SETTINGS ARE INVALID. TRIMMED UP CFM MAKES MISS MATCHING ERROR.

	ASXS6 01810A*	ASXS6 02410A*	ASXS6 03010A*	ASXS6 03610A*
CAPACITIES (AHRI RATED)				
Max. Cooling (BTU/h)	16,600	22,200	27,800	32,400
AMBIENT OPERATION RANGE COOLING (°FDB(°CDB))	00 to 115 (-17.8 to 46.1)			
COMPRESSOR				
Type	Swing	Swing	Swing	Swing
RLA	10.0	13.4	16.8	16.8
CONDENSER FAN MOTOR				
Horsepower	0.09	0.09	0.20	0.20
FLA	1.15	1.15	2.00	2.00
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.)	76	76	79	85
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
Minimum Circuit Ampacity ²	14.6	18.8	23.9	23.9
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 7/8" 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				ENTERING INDOOR WET BULB TEMPERATURE											
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	15.9	16.6	17.6	-	16.7	16.9	17.4	-	16.3	16.5	17.0	-	15.5	15.7	16.2	-	14.6	14.8	15.3	-	13.7	14.0	14.5	-
	S/T	0.62	0.54	0.40	-	0.62	0.54	0.40	-	0.65	0.57	0.43	-	1.00	0.59	0.45	-	1.00	0.61	0.47	-	1.00	0.67	0.52	-
	ΔT	21	19	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	19	17	14	-
	kW	1.04	1.07	1.07	-	1.20	1.20	1.20	-	1.36	1.35	1.35	-	1.52	1.52	1.51	-	1.70	1.70	1.70	-	1.91	1.91	1.91	-
	Amps	3.6	3.8	3.9	-	4.5	4.5	4.4	-	5.1	5.1	5.1	-	5.8	5.8	5.8	-	6.6	6.6	6.6	-	7.5	7.5	7.5	-
	Hi PR	243	245	245	-	280	281	283	-	320	321	323	-	363	364	366	-	410	411	412	-	459	460	462	-

610	Lo PR	125	126	131	-	133	135	138	-	140	142	145	-	146	147	151	-	151	153	156	-	158	160	163	-
	MBh	16.6	17.3	17.9	-	17.0	17.2	17.7	-	16.5	16.8	17.3	-	15.8	16.0	16.5	-	14.8	15.1	15.6	-	14.0	14.2	14.7	-
	S/T	0.69	0.61	0.47	-	0.70	0.62	0.48	-	0.73	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-
	ΔT	19	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	16	15	12	-	17	16	13	-
	kW	1.08	1.08	1.07	-	1.21	1.21	1.21	-	1.36	1.36	1.36	-	1.53	1.53	1.52	-	1.71	1.71	1.70	-	1.92	1.92	1.92	-
	Amps	3.8	3.9	3.9	-	4.5	4.5	4.5	-	5.2	5.1	5.1	-	5.9	5.9	5.8	-	6.6	6.6	6.6	-	7.6	7.6	7.6	-

700	Hi PR	246	245	247	-	282	283	285	-	322	324	325	-	366	367	368	-	412	413	415	-	462	463	464	-
	Lo PR	127	130	133	-	136	137	140	-	142	144	147	-	148	150	153	-	154	155	158	-	161	162	165	-
	MBh	17.4	17.7	18.2	-	17.3	17.5	18.0	-	16.8	17.1	17.6	-	16.1	16.3	16.8	-	15.2	15.4	15.9	-	14.3	14.5	15.0	-
	S/T	0.73	0.65	0.51	-	0.74	0.66	0.52	-	1.00	0.69	0.54	-	1.00	0.71	0.56	-	1.00	0.73	0.59	-	1.00	1.00	0.64	-
	ΔT	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	14	11	-	16	15	12	-
	kW	1.09	1.08	1.08	-	1.22	1.22	1.22	-	1.37	1.37	1.37	-	1.53	1.53	1.53	-	1.72	1.71	1.71	-	1.93	1.93	1.93	-

700	Amps	3.9	3.9	3.9	-	4.5	4.5	4.5	-	5.2	5.2	5.2	-	5.9	5.9	5.9	-	6.7	6.7	6.7	-	7.6	7.6	7.6	-
	Hi PR	247	248	249	-	285	286	288	-	325	326	328	-	368	369	371	-	414	415	417	-	464	465	467	-
	Lo PR	130	132	135	-	138	140	143	-	145	146	150	-	151	152	155	-	156	158	161	-	163	165	168	-
	MBh	17.4	17.7	18.2	-	17.3	17.5	18.0	-	16.8	17.1	17.6	-	16.1	16.3	16.8	-	15.2	15.4	15.9	-	14.3	14.5	15.0	-
	S/T	0.73	0.65	0.51	-	0.74	0.66	0.52	-	1.00	0.69	0.54	-	1.00	0.71	0.56	-	1.00	0.73	0.59	-	1.00	1.00	0.64	-
	ΔT	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	14	11	-	16	15	12	-

520	MBh	15.9	16.6	17.6	18.4	16.7	16.9	17.5	18.2	16.3	16.5	17.0	17.8	15.5	15.8	16.3	17.0	14.6	14.8	15.3	16.1	13.7	14.0	14.5	15.3
	S/T	0.75	0.67	0.53	0.38	1.00	0.68	0.54	0.39	1.00	0.70	0.56	0.41	1.00	0.72	0.58	0.43	1.00	0.75	0.61	0.46	1.00	1.00	0.66	0.51
	ΔT	25	23	17	14	21	20	17	14	22	20	17	14	21	20	17	14	21	20	17	13	22	21	18	14
	kW	1.04	1.07	1.07	1.08	1.20	1.20	1.20	1.21	1.35	1.35	1.35	1.36	1.52	1.52	1.51	1.52	1.70	1.70	1.70	1.71	1.91	1.91	1.91	1.92
	Amps	3.6	3.8	3.9	3.9	4.5	4.5	4.4	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.6
	Hi PR	243	245	245	249	280	281	283	287	320	321	323	327	363	364	366	370	410	411	413	417	459	460	462	466

610	Lo PR	125	126	131	136	134	135	138	144	140	142	145	150	146	147	151	156	151	153	156	162	158	160	163	169
	MBh	16.6	17.4	17.9	18.6	17.0	17.2	17.7	18.5	16.5	16.8	17.3	18.0	15.8	16.0	16.5	17.3	14.8	15.1	15.6	16.4	14.0	14.2	14.7	15.5
	S/T	0.83	0.75	0.61	0.46	1.00	0.75	0.61	0.46	1.00	0.78	0.64	0.49	1.00	0.80	0.66	0.51	1.00	1.00	0.68	0.53	1.00	1.00	0.74	0.59
	ΔT	23	19	16	12	20	19	16	12	20	19	16	13	20	19	16	12	20	18	15	12	21	19	16	13
	kW	1.08	1.08	1.07	1.08	1.21	1.21	1.21	1.22	1.36	1.36	1.36	1.37	1.53	1.52	1.51	1.52	1.71	1.71	1.70	1.71	1.92	1.92	1.92	1.93
	Amps	3.8	3.9	3.9	3.9	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.2	5.9	5.8	5.8	5.9	6.6	6.6	6.6	6.7	7.6	7.6	7.6	7.6

700	Hi PR	246	245	247	251	283	284	285	290	323	324	325	330	366	367	369	373	412	413	415	419	462	463	465	469
	Lo PR	127	130	133	138	136	137	140	146	142	144	147	153	148	150	153	158	154	155	158	164	161	162	165	171
	MBh	17.4	17.7	18.2	19.0	17.3	17.5	18.0	18.8	16.8	17.1	17.6	18.4	16.1	16.3	16.8	17.6	15.2	15.4	15.9	16.7	14.3	14.6	15.1	15.8
	S/T	0.87	0.79	0.65	0.50	1.00	0.79	0.65	0.50	1.00	0.82	0.68	0.53	1.00	0.84	0.70	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.78	0.63
	ΔT	19	18	15	11	19	18	15	11	19	18	15	12	19	18	15	11	19	17	14	11	20	18	15	12
	kW	1.08	1.08	1.08	1.09	1.22	1.22	1.22	1.23	1.37	1.37	1.37	1.38	1.53	1.53	1.53	1.54	1.71	1.71	1.71	1.72	1.93	1.93	1.93	1.93

700	Amps	3.9	3.9	3.9	4.0	4.5	4.5	4.5	4.6	5.2	5.2	5.2	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.7	6.7	7.6	7.6	7.6	7.6
	Hi PR	247	248	250	254	285	286	288	292	325	326	328	332	368	369	371	375	415	416	417	422	464	465	467	471
	Lo PR	130	132	135	141	138	140	143	148	145	146	150	155	151	152	155	161	156	158	161	166	163	165	168	173
	MBh	17.4	17.7	18.2	19.0	17.3	17.5	18.0	18.8	16.8	17.1	17.6	18.4	16.1	16.3	16.8	17.6	15.2	15.4	15.9	16.7	14.3	14.6	15.1	15.8
	S/T	0.87	0.79	0.65	0.50	1.00	0.79	0.65	0.50	1.00	0.82	0.68	0.53	1.00	0.84	0.70	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.78	0.63
	ΔT	19	18	15	11	19	18	15	11	19	18	15	12	19	18	15	11	19	17	14	11	20	18	15	12

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)

EXPANDED COOLING DATA — ASXS6S1810A* / AHVE24BP1400A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°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	MBh	16.0	16.7	17.7	18.5	16.8	17.0	17.5	18.3	16.4	16.6	17.1	17.9	15.6	15.8	16.3	17.1	14.7	14.9	15.4	16.2	13.8	14.1	14.6	15.3
	S/T	1.00	0.80	0.66	0.51	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	1.00	0.71	0.56	1.00	1.00	0.74	0.59	1.00	1.00	0.79	0.64
	ΔT	29	27	20	17	25	23	20	17	25	24	21	17	25	23	20	17	25	23	20	17	26	24	21	18
	kW	1.04	1.07	1.07	1.08	1.20	1.20	1.20	1.21	1.36	1.35	1.35	1.36	1.52	1.52	1.51	1.52	1.70	1.70	1.70	1.71	1.91	1.91	1.91	1.92
	Amps	3.6	3.8	3.9	3.9	4.5	4.5	4.4	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.9	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.6
	Hi PR	243	245	245	249	281	282	283	288	321	322	323	328	364	365	367	371	410	411	413	417	460	461	463	467
80	Lo PR	125	127	131	137	134	136	139	144	141	142	146	151	146	148	151	157	152	154	157	162	159	161	164	169
	MBh	16.7	17.4	18.0	18.7	17.1	17.3	17.8	18.6	16.6	16.9	17.4	18.1	15.9	16.1	16.6	17.4	14.9	15.2	15.7	16.4	14.1	14.3	14.8	15.6
	S/T	1.00	0.88	0.74	0.59	1.00	0.89	0.74	0.60	1.00	0.91	0.77	0.62	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.87	0.72
	ΔT	28	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	25	23	20	17
	kW	1.08	1.08	1.07	1.09	1.21	1.21	1.21	1.22	1.36	1.36	1.36	1.37	1.53	1.53	1.53	1.54	1.71	1.71	1.70	1.71	1.92	1.92	1.92	1.93
	Amps	3.8	3.9	3.9	3.9	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.2	5.9	5.9	5.9	5.9	6.6	6.6	6.6	6.7	7.6	7.6	7.6	7.6
700	Hi PR	247	246	248	252	283	284	286	290	323	324	326	330	366	367	369	373	413	414	415	420	462	463	465	469
	Lo PR	127	130	133	139	136	138	141	146	143	145	148	153	149	150	153	159	154	156	159	164	161	163	166	171
	MBh	17.5	17.8	18.3	19.0	17.4	17.6	18.1	18.9	16.9	17.2	17.7	18.4	16.2	16.4	16.9	17.7	15.2	15.5	16.0	16.8	14.4	14.6	15.1	15.9
	S/T	1.00	0.92	0.78	0.63	1.00	0.92	0.78	0.63	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.70	1.00	1.00	1.00	0.76
	ΔT	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	24	22	19	16
	kW	1.09	1.08	1.08	1.09	1.22	1.22	1.22	1.23	1.37	1.37	1.37	1.38	1.53	1.53	1.53	1.54	1.72	1.71	1.71	1.72	1.93	1.93	1.93	1.94
700	Amps	3.9	3.9	3.9	4.0	4.5	4.5	4.5	4.6	5.2	5.2	5.2	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.7	6.7	7.6	7.6	7.6	7.6
	Hi PR	247	248	250	254	285	287	288	292	325	327	328	332	369	370	371	376	415	416	418	422	465	466	467	472
	Lo PR	131	133	136	141	139	140	143	149	145	147	150	156	151	153	156	161	157	158	161	167	164	165	168	174

85	MBh	16.3	16.9	18.0	18.7	17.1	17.3	17.8	18.6	16.6	16.9	17.4	18.2	15.9	16.1	16.6	17.4	15.0	15.2	15.7	16.5	14.1	14.3	14.9	15.6
	S/T	1.00	0.91	0.77	0.62	1.00	1.00	0.77	0.62	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	1.00	0.69	1.00	1.00	1.00	0.75
	ΔT	33	31	24	20	28	27	24	20	28	27	24	21	28	27	24	20	28	26	23	20	29	27	24	21
	kW	1.04	1.07	1.07	1.08	1.21	1.21	1.20	1.21	1.36	1.36	1.35	1.36	1.52	1.52	1.52	1.53	1.70	1.70	1.70	1.71	1.92	1.91	1.91	1.92
	Amps	3.6	3.8	3.9	3.9	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.2	5.8	5.8	5.8	5.9	6.6	6.6	6.6	6.7	7.6	7.5	7.5	7.6
	Hi PR	245	246	246	251	282	283	285	289	322	323	325	329	365	366	368	372	411	412	414	418	461	462	464	468
85	Lo PR	127	128	133	138	136	138	141	146	143	144	147	153	148	150	153	158	154	155	159	164	161	162	166	171
	MBh	16.9	17.7	18.2	19.0	17.3	17.6	18.1	18.9	16.9	17.1	17.6	18.4	16.1	16.4	16.9	17.7	15.2	15.5	16.0	16.7	14.4	14.6	15.1	15.9
	S/T	1.00	0.98	0.84	0.69	1.00	1.00	0.85	0.70	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.75	1.00	1.00	1.00	0.77	1.00	1.00	1.00	0.82
	ΔT	31	25	22	19	27	25	22	19	27	26	23	19	27	25	22	19	27	25	22	19	28	26	23	20
	kW	1.08	1.08	1.08	1.09	1.22	1.21	1.21	1.22	1.37	1.36	1.36	1.37	1.53	1.53	1.53	1.54	1.71	1.71	1.71	1.72	1.92	1.92	1.92	1.93
	Amps	3.8	3.9	3.9	4.0	4.5	4.5	4.5	4.5	5.2	5.2	5.1	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.6	6.7	7.6	7.6	7.6	7.6
700	Hi PR	248	247	249	253	284	285	287	291	324	325	327	331	367	368	370	374	414	415	417	421	463	464	466	470
	Lo PR	129	132	135	141	138	140	143	148	145	146	150	155	151	152	155	161	156	158	161	166	163	165	168	173
	MBh	17.8	18.1	18.6	19.3	17.7	17.9	18.4	19.2	17.2	17.5	18.0	18.7	16.5	16.7	17.2	18.0	15.5	15.8	16.3	17.0	14.7	14.9	15.4	16.2
	S/T	1.00	1.00	0.88	0.73	1.00	1.00	0.89	0.74	1.00	1.00	0.91	0.77	1.00	1.00	0.93	0.79	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.86
	ΔT	26	25	21	18	26	24	21	18	26	25	22	18	26	24	21	18	26	24	21	18	27	25	22	19
	kW	1.09	1.09	1.08	1.09	1.22	1.22	1.22	1.23	1.37	1.37	1.37	1.38	1.54	1.53	1.53	1.54	1.72	1.72	1.71	1.72	1.93	1.93	1.93	1.94
700	Amps	4.0	3.9	3.9	4.0	4.5	4.5	4.5	4.6	5.2	5.2	5.2	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.7	6.7	7.6	7.6	7.6	7.6
	Hi PR	248	249	251	255	287	288	289	294	327	328	329	334	370	371	372	377	416	417	419	423	466	467	469	473
	Lo PR	133	134	138	143	141	142	145	151	147	149	152	157	153	155	158	163	159	160	163	169	166	167	170	176

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)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		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																				
70	680	MBh	21.2	22.3	23.5	-	22.3	22.6	23.3	-	21.7	22.1	22.7	-	20.7	21.0	21.7	-	19.5	19.8	20.5	-	18.4	18.7	19.3	-	18.4	18.7	19.3	-																			
		S/T	0.61	0.53	0.39	-	0.61	0.53	0.40	-	0.64	0.56	0.42	-	0.66	0.58	0.44	-	1.00	0.60	0.46	-	1.00	0.66	0.52	-	1.00	0.66	0.52	-																			
		ΔT	20	19	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	19	17	14	-	19	17	14	-																			
		kW	1.44	1.50	1.53	-	1.73	1.73	1.73	-	1.95	1.95	1.95	-	2.19	2.19	2.19	-	2.46	2.46	2.45	-	2.77	2.77	2.76	-	2.77	2.77	2.76	-																			
		Amps	5.1	5.3	5.5	-	6.4	6.4	6.4	-	7.3	7.3	7.3	-	8.4	8.4	8.4	-	9.5	9.5	9.5	-	10.9	10.9	10.9	-	10.9	10.9	10.9	-																			
	Hi PR	256	259	264	-	302	303	305	-	345	346	348	-	391	393	394	-	442	443	445	-	495	496	498	-	495	496	498	-																				
	Lo PR	121	122	127	-	130	131	134	-	136	138	141	-	142	143	146	-	147	148	152	-	154	155	158	-	154	155	158	-																				
800	MBh	22.3	23.2	23.9	-	22.7	23.0	23.7	-	22.1	22.4	23.1	-	21.1	21.4	22.1	-	19.8	20.2	20.8	-	18.7	19.0	19.7	-	18.7	19.0	19.7	-																				
	S/T	0.68	0.61	0.47	-	0.69	0.61	0.47	-	0.72	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.73	0.59	-	1.00	0.73	0.59	-																				
	ΔT	19	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	16	15	12	-	17	16	13	-	17	16	13	-																				
	kW	1.52	1.55	1.54	-	1.74	1.74	1.74	-	1.96	1.96	1.96	-	2.20	2.20	2.20	-	2.47	2.47	2.46	-	2.78	2.78	2.78	-	2.78	2.78	2.78	-																				
	Amps	5.4	5.6	5.6	-	6.4	6.4	6.4	-	7.4	7.4	7.4	-	8.4	8.4	8.4	-	9.6	9.6	9.6	-	10.9	10.9	10.9	-	10.9	10.9	10.9	-																				
920	Hi PR	261	264	266	-	305	306	308	-	348	349	351	-	394	395	397	-	444	445	447	-	498	499	501	-	498	499	501	-																				
	Lo PR	123	126	129	-	132	133	136	-	138	140	143	-	144	145	148	-	149	151	154	-	156	157	161	-	156	157	161	-																				
	MBh	23.3	23.6	24.3	-	23.1	23.4	24.1	-	22.5	22.8	23.5	-	21.5	21.8	22.5	-	20.3	20.6	21.3	-	19.1	19.5	20.1	-	19.1	19.5	20.1	-																				
	S/T	0.72	0.64	0.51	-	0.73	0.65	0.51	-	0.76	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.72	0.58	-	1.00	0.77	0.63	-	1.00	0.77	0.63	-																				
	ΔT	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	14	11	-	16	15	12	-	16	15	12	-																				
920	kW	1.56	1.56	1.55	-	1.76	1.75	1.75	-	1.98	1.97	1.97	-	2.21	2.21	2.21	-	2.48	2.48	2.47	-	2.79	2.79	2.79	-	2.79	2.79	2.79	-																				
	Amps	5.6	5.6	5.6	-	6.5	6.5	6.5	-	7.4	7.4	7.4	-	8.5	8.5	8.5	-	9.6	9.6	9.6	-	11.0	11.0	11.0	-	11.0	11.0	11.0	-																				
	Hi PR	266	267	269	-	307	308	310	-	350	351	353	-	397	398	400	-	447	448	450	-	500	501	503	-	500	501	503	-																				
	Lo PR	127	128	131	-	134	136	139	-	141	142	145	-	146	148	151	-	152	153	156	-	158	160	163	-	158	160	163	-																				

75	680	MBh	21.3	22.3	23.5	24.6	22.3	22.7	23.3	24.4	21.8	22.1	22.7	23.8	20.7	21.1	21.7	22.8	19.5	19.8	20.5	21.5	18.4	18.7	19.4	20.4
		S/T	0.75	0.66	0.52	0.37	0.75	0.67	0.53	0.38	1.00	0.69	0.55	0.41	1.00	0.71	0.57	0.43	1.00	0.74	0.60	0.45	1.00	1.00	0.65	0.50
		ΔT	24	23	17	14	21	20	17	14	22	20	17	14	21	20	17	13	21	19	16	13	22	20	17	14
		kW	1.44	1.50	1.53	1.54	1.73	1.73	1.73	1.74	1.95	1.95	1.95	1.96	2.19	2.19	2.18	2.20	2.46	2.45	2.45	2.47	2.77	2.77	2.76	2.78
		Amps	5.1	5.3	5.5	5.6	6.4	6.4	6.4	6.4	7.3	7.3	7.3	7.4	8.4	8.4	8.3	8.4	9.5	9.5	9.5	9.6	10.9	10.9	10.9	10.9
	Hi PR	257	260	264	268	302	303	305	310	345	346	348	353	392	393	395	399	442	443	445	449	495	496	498	503	
	Lo PR	121	122	127	132	130	131	134	139	136	138	141	146	142	143	146	151	147	148	152	157	154	155	158	164	
	800	MBh	22.3	23.2	23.9	24.9	22.7	23.0	23.7	24.7	22.1	22.4	23.1	24.1	21.1	21.4	22.1	23.1	19.8	20.2	20.8	21.9	18.7	19.0	19.7	20.7
		S/T	0.82	0.74	0.60	0.45	0.82	0.74	0.61	0.46	1.00	0.77	0.63	0.48	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.53	1.00	1.00	0.73	0.58
		ΔT	23	19	15	12	20	18	15	12	20	19	16	13	20	18	15	12	20	18	15	12	21	19	16	13
kW		1.52	1.54	1.54	1.56	1.74	1.74	1.74	1.75	1.96	1.96	1.96	1.97	2.20	2.20	2.20	2.21	2.47	2.47	2.46	2.48	2.78	2.78	2.78	2.79	
Amps		5.4	5.6	5.6	5.6	6.4	6.4	6.4	6.5	7.4	7.4	7.4	7.4	8.4	8.4	8.4	8.5	9.6	9.6	9.6	9.6	10.9	10.9	10.9	11.0	
Hi PR	261	265	267	271	305	306	308	312	348	349	351	355	394	396	397	402	445	446	447	452	498	499	501	506		
Lo PR	123	126	129	134	132	133	136	142	138	140	143	148	144	144	145	148	154	149	151	154	159	156	157	161	166	
920	MBh	23.3	23.7	24.3	25.4	23.1	23.4	24.1	25.2	22.5	22.9	23.5	24.6	21.5	21.8	22.5	23.5	20.3	20.6	21.3	22.3	19.2	19.5	20.1	21.2	
	S/T	0.86	0.78	0.64	0.49	1.00	0.78	0.64	0.50	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	0.85	0.71	0.57	1.00	1.00	0.77	0.62	
	ΔT	19	18	15	11	19	18	14	11	19	18	15	12	19	17	14	11	19	17	14	11	20	18	15	12	
	kW	1.56	1.56	1.55	1.57	1.75	1.75	1.75	1.76	1.97	1.97	1.97	1.98	2.21	2.21	2.21	2.22	2.48	2.48	2.47	2.49	2.79	2.79	2.79	2.80	
	Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.4	7.4	7.4	7.5	8.5	8.5	8.4	8.5	9.6	9.6	9.6	9.6	11.0	11.0	11.0	11.0	
Hi PR	266	267	269	274	307	308	310	315	351	352	353	358	397	398	400	405	447	448	450	455	501	502	504	508		
Lo PR	127	128	131	137	134	136	139	144	141	142	145	150	146	148	151	156	152	153	156	161	158	160	163	168		

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)

EXPANDED COOLING DATA — ASXS6S2410A* / AHVE24BP1400A* (CONT.)

		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	59	63	67	71				
680	MBh	21.4	22.4	23.7	24.7	22.5	22.8	23.5	24.5	21.9	22.2	22.9	23.9	20.9	21.2	21.8	22.9	19.6	19.9	20.6	21.6	18.5	18.8	19.5	20.5	18.5	18.8	19.5	20.5	18.5	18.8	19.5	20.5				
	S/T	0.88	0.79	0.65	0.50	1.00	0.80	0.66	0.51	1.00	0.82	0.68	0.54	1.00	0.84	0.70	0.56	1.00	1.00	0.73	0.58	1.00	1.00	0.78	0.63	1.00	1.00	0.78	0.63	1.00	1.00	0.78	0.63				
	ΔT	29	27	20	17	25	23	20	17	25	24	20	17	25	23	20	17	25	23	20	17	26	24	21	18	26	24	21	18	26	24	21	18				
	kW	1.44	1.50	1.53	1.55	1.73	1.73	1.73	1.74	1.95	1.95	1.95	1.96	2.19	2.19	2.19	2.20	2.46	2.45	2.45	2.47	2.77	2.77	2.76	2.78	2.77	2.77	2.76	2.78	2.77	2.77	2.76	2.78				
	Amps	5.1	5.3	5.5	5.6	6.4	6.4	6.4	6.4	7.3	7.3	7.3	7.4	8.4	8.4	8.4	8.4	9.5	9.5	9.5	9.5	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9				
800	Hi PR	257	260	264	269	303	304	306	310	346	347	349	353	392	393	395	400	442	443	445	450	496	497	499	503	496	497	499	503	496	497	499	503				
	Lo PR	122	123	127	132	130	132	135	140	137	138	141	146	142	144	147	152	148	149	152	157	154	156	159	164	154	156	159	164	154	156	159	164				
	MBh	22.4	23.3	24.0	25.0	22.8	23.1	23.8	24.8	22.2	22.5	23.2	24.2	21.2	21.5	22.2	23.2	20.0	20.3	21.0	22.0	18.8	19.2	19.8	20.9	18.8	19.2	19.8	20.9	18.8	19.2	19.8	20.9				
	S/T	1.00	0.87	0.73	0.58	1.00	0.87	0.73	0.59	1.00	0.90	0.76	0.61	1.00	1.00	0.78	0.63	1.00	1.00	0.80	0.66	1.00	1.00	0.86	0.71	1.00	1.00	0.86	0.71	1.00	1.00	0.86	0.71				
	ΔT	27	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	23	22	19	16	24	23	20	17	24	23	20	17	24	23	20	17				
920	kW	1.52	1.55	1.54	1.56	1.74	1.74	1.74	1.75	1.96	1.96	1.96	1.97	2.20	2.20	2.20	2.21	2.47	2.47	2.46	2.48	2.78	2.78	2.78	2.79	2.78	2.78	2.78	2.79	2.78	2.78	2.79	2.79				
	Amps	5.4	5.6	5.6	5.6	6.4	6.4	6.4	6.5	7.4	7.4	7.4	7.4	8.4	8.4	8.4	8.5	9.6	9.6	9.6	9.6	10.9	10.9	10.9	11.0	10.9	10.9	10.9	10.9	10.9	10.9	10.9	11.0				
	Hi PR	262	265	267	272	305	306	308	313	348	350	351	356	395	396	398	402	445	446	448	453	498	500	501	506	498	500	501	506	498	500	501	506				
	Lo PR	123	126	129	135	132	134	137	142	139	140	143	149	144	146	149	154	150	151	154	160	156	158	161	166	156	158	161	166	156	158	161	166				
	MBh	23.4	23.8	24.4	25.5	23.2	23.6	24.2	25.3	22.7	23.0	23.7	24.7	21.6	22.0	22.6	23.7	20.4	20.7	21.4	22.4	19.3	19.6	20.3	21.3	19.3	19.6	20.3	21.3	19.3	19.6	20.3	21.3				
	S/T	1.00	0.91	0.77	0.62	1.00	0.91	0.77	0.63	1.00	0.94	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	0.89	0.75	1.00	1.00	0.89	0.75	1.00	1.00	0.89	0.75				
	ΔT	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	22	21	18	15	24	22	19	16	24	22	19	16	24	22	19	16				
	kW	1.56	1.56	1.55	1.57	1.75	1.75	1.75	1.76	1.97	1.97	1.97	1.99	2.21	2.21	2.21	2.22	2.48	2.48	2.47	2.49	2.79	2.79	2.79	2.80	2.79	2.79	2.79	2.80	2.79	2.79	2.80	2.79	2.80			
	Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.4	7.4	7.4	7.5	8.5	8.5	8.4	8.5	9.6	9.6	9.6	9.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0				
	Hi PR	267	268	270	274	308	309	311	315	351	352	354	359	397	399	400	405	448	449	451	455	501	502	504	509	501	502	504	509	501	502	504	509				
	Lo PR	127	129	132	137	135	136	139	144	141	143	146	151	147	148	151	157	152	154	157	162	159	160	164	169	159	160	164	169	159	160	164	169				

680	MBh	21.7	22.8	24.0	25.1	22.8	23.2	23.8	24.9	22.3	22.6	23.2	24.3	21.2	21.6	22.2	23.3	20.0	20.3	21.0	22.0	18.9	19.2	19.9	20.9
	S/T	1.00	0.89	0.75	0.61	1.00	0.90	0.76	0.61	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	1.00	0.74
	ΔT	32	30	23	20	28	26	23	20	28	27	24	21	28	26	23	20	28	26	23	20	29	27	24	21
	kW	1.44	1.51	1.53	1.55	1.74	1.73	1.73	1.75	1.96	1.95	1.95	1.97	2.19	2.19	2.19	2.20	2.46	2.46	2.46	2.47	2.77	2.77	2.77	2.78
	Amps	5.1	5.4	5.5	5.6	6.4	6.4	6.4	6.4	7.4	7.3	7.3	7.4	8.4	8.4	8.4	8.4	9.5	9.5	9.5	9.6	10.9	10.9	10.9	10.9
800	Hi PR	258	261	266	270	304	305	307	311	347	348	350	354	393	395	396	401	444	445	447	451	497	498	500	505
	Lo PR	124	125	129	134	132	133	137	142	138	140	143	148	144	145	149	154	149	151	154	159	156	158	161	166
	MBh	22.8	23.7	24.4	25.4	23.2	23.5	24.2	25.2	22.6	22.9	23.6	24.6	21.6	21.9	22.6	23.6	20.3	20.7	21.3	22.4	19.2	19.5	20.2	21.2
	S/T	1.00	0.97	0.83	0.69	1.00	1.00	0.84	0.69	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	0.91	0.76	1.00	1.00	1.00	0.81
	ΔT	31	25	22	19	27	25	22	19	27	25	22	19	27	25	22	19	27	25	22	19	28	26	23	20
920	kW	1.52	1.55	1.55	1.56	1.75	1.75	1.74	1.76	1.97	1.97	1.96	1.98	2.21	2.21	2.20	2.22	2.47	2.47	2.47	2.48	2.79	2.78	2.78	2.80
	Amps	5.4	5.6	5.6	5.6	6.5	6.4	6.4	6.5	7.4	7.4	7.4	7.5	8.4	8.4	8.4	8.5	9.6	9.6	9.6	9.6	11.0	11.0	10.9	11.0
	Hi PR	263	266	268	273	306	308	309	314	350	351	353	357	396	397	399	404	446	447	449	454	500	501	503	507
	Lo PR	125	128	131	136	134	136	139	144	141	142	145	150	146	148	151	156	152	153	156	161	158	160	163	168
	MBh	23.8	24.1	24.8	25.9	23.6	23.9	24.6	25.7	23.0	23.4	24.0	25.1	22.0	22.3	23.0	24.0	20.8	21.1	21.8	22.8	19.7	20.0	20.6	21.7
85	S/T	1.00	1.00	0.87	0.72	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.76	1.00	1.00	0.92	0.78	1.00	1.00	0.80	0.80	1.00	1.00	1.00	0.85
	ΔT	26	24	21	18	26	24	21	18	26	25	21	18	26	24	21	18	26	24	21	18	27	25	22	19
	kW	1.56	1.56	1.56	1.57	1.76	1.76	1.75	1.77	1.98	1.98	1.97	1.99	2.22	2.22	2.21	2.23	2.48	2.48	2.48	2.49	2.80	2.79	2.79	2.81
	Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.5	7.4	7.4	7.5	8.5	8.5	8.5	8.5	9.6	9.6	9.6	9.7	11.0	11.0	11.0	11.0
	Hi PR	268	269	271	275	309	310	312	317	352	353	355	360	399	400	402	406	449	450	452	456	502	503	505	510
85	Lo PR	129	131	134	139	136	138	141	146	143	145	148	153	149	150	153	158	154	155	159	164	161	162	165	171

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	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								
70	860	MBh	25.8	27.5	29.5	-	28.0	28.4	29.2	-	27.2	27.6	28.5	-	26.0	26.4	27.2	-	24.4	24.8	25.6	-	23.0	23.4	24.2	-	20.0	20.4	21.2	-							
		S/T	0.61	0.54	0.38	-	0.61	0.53	0.39	-	0.63	0.55	0.42	-	1.00	0.57	0.44	-	1.00	0.60	0.46	-	1.00	0.65	0.51	-	1.00	0.60	0.46	-							
		ΔT	20	18	13	-	17	16	13	-	18	16	13	-	17	16	13	-	17	16	13	-	18	17	14	-	17	16	13	-							
		kW	1.71	1.87	1.97	-	2.22	2.22	2.22	-	2.50	2.50	2.49	-	2.80	2.80	2.79	-	3.13	3.13	3.13	-	3.53	3.53	3.52	-	3.86	3.86	3.85	-							
		Amps	6.1	6.6	7.0	-	8.1	8.1	8.1	-	9.3	9.3	9.3	-	10.6	10.6	10.6	-	12.1	12.1	12.1	-	13.8	13.8	13.8	-	15.5	15.5	15.5	-							
		Hi PR	265	269	274	-	314	315	317	-	358	360	362	-	407	408	410	-	459	460	462	-	514	516	517	-	571	573	575	-							
	Lo PR	124	125	129	-	132	133	136	-	138	140	143	-	144	145	149	-	149	151	154	-	156	158	161	-	161	162	165	-								
70	1010	MBh	27.5	29.1	29.9	-	28.4	28.8	29.6	-	27.7	28.1	28.9	-	26.4	26.8	27.6	-	24.8	25.2	26.1	-	23.4	23.8	24.7	-	20.0	20.4	21.2	-							
		S/T	0.69	0.60	0.46	-	0.68	0.60	0.47	-	0.71	0.63	0.49	-	1.00	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.72	0.59	-	1.00	0.67	0.53	-							
		ΔT	19	15	12	-	16	15	12	-	16	15	12	-	16	15	12	-	16	14	11	-	17	15	12	-	17	15	12	-							
		kW	1.88	1.99	1.98	-	2.24	2.24	2.23	-	2.51	2.51	2.51	-	2.81	2.81	2.81	-	3.15	3.15	3.14	-	3.54	3.54	3.54	-	3.86	3.86	3.85	-							
		Amps	6.7	7.1	7.1	-	8.2	8.2	8.2	-	9.4	9.4	9.4	-	10.7	10.7	10.7	-	12.2	12.1	12.1	-	13.9	13.9	13.8	-	15.5	15.5	15.5	-							
		Hi PR	271	275	277	-	316	318	319	-	361	362	364	-	409	411	413	-	462	463	465	-	517	518	520	-	571	573	575	-							
	Lo PR	125	128	131	-	134	135	138	-	140	142	145	-	146	148	151	-	151	153	156	-	158	160	163	-	161	162	165	-								
1160	1160	MBh	29.2	29.6	30.4	-	28.9	29.3	30.2	-	28.2	28.6	29.4	-	26.9	27.3	28.2	-	25.4	25.8	26.6	-	24.0	24.4	25.2	-	20.0	20.4	21.2	-							
		S/T	0.71	0.64	0.50	-	0.72	0.64	0.51	-	0.75	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.71	0.57	-	1.00	0.76	0.62	-	1.00	0.72	0.59	-							
		ΔT	15	14	11	-	15	14	11	-	16	14	11	-	15	14	11	-	15	13	10	-	16	14	11	-	16	14	11	-							
		kW	2.00	2.00	2.00	-	2.25	2.25	2.24	-	2.53	2.53	2.52	-	2.83	2.83	2.82	-	3.16	3.16	3.16	-	3.56	3.55	3.55	-	3.86	3.86	3.85	-							
		Amps	7.2	7.2	7.1	-	8.2	8.2	8.2	-	9.5	9.4	9.4	-	10.8	10.7	10.7	-	12.2	12.2	12.2	-	13.9	13.9	13.9	-	15.5	15.5	15.5	-							
		Hi PR	276	277	279	-	319	320	322	-	364	365	367	-	412	413	415	-	464	465	467	-	520	521	523	-	571	573	575	-							
	Lo PR	129	130	133	-	136	138	141	-	143	144	148	-	148	150	153	-	154	155	159	-	161	162	165	-	161	162	165	-								

75	860	MBh	25.8	27.5	29.5	30.8	28.0	28.4	29.2	30.5	27.2	27.6	28.5	29.8	26.0	26.4	27.2	28.5	24.4	24.8	25.7	27.0	23.0	23.4	24.2	25.5	
		S/T	0.75	0.67	0.52	0.37	0.74	0.66	0.52	0.38	1.00	0.69	0.55	0.40	1.00	0.70	0.57	0.42	1.00	0.73	0.59	0.44	1.00	1.00	0.64	0.50	
		ΔT	24	22	16	13	21	19	16	13	21	20	17	13	21	21	19	16	13	21	19	16	13	22	20	17	14
		kW	1.71	1.87	1.97	1.98	2.22	2.22	2.21	2.23	2.50	2.50	2.49	2.51	2.80	2.80	2.79	2.81	3.13	3.13	3.13	3.15	3.53	3.52	3.52	3.54	
		Amps	6.1	6.6	7.0	7.1	8.1	8.1	8.1	8.2	9.3	9.3	9.3	9.4	10.6	10.6	10.6	10.7	12.1	12.1	12.1	12.1	13.8	13.8	13.8	13.8	
		Hi PR	265	269	274	279	314	315	317	322	359	360	362	366	407	408	410	415	459	460	462	467	515	516	518	522	
		Lo PR	124	125	129	134	132	133	136	142	138	140	143	148	144	145	149	154	149	151	154	159	156	158	161	166	
	1010	MBh	27.5	29.1	29.9	31.2	28.4	28.8	29.7	31.0	27.7	28.1	28.9	30.2	26.4	26.8	27.7	28.9	24.9	25.3	26.1	27.4	23.4	23.8	24.7	26.0	
		S/T	0.83	0.73	0.59	0.45	1.00	0.74	0.60	0.45	1.00	0.76	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.80	0.67	0.52	1.00	1.00	0.72	0.57	
		ΔT	23	18	15	12	20	18	15	12	20	18	15	12	20	20	18	15	12	20	18	15	12	21	19	16	13
kW		1.88	1.99	1.98	2.00	2.24	2.23	2.23	2.25	2.51	2.51	2.51	2.53	2.81	2.81	2.81	2.83	3.15	3.15	3.14	3.16	3.54	3.54	3.54	3.55		
Amps		6.6	7.1	7.1	7.2	8.2	8.2	8.2	8.2	9.4	9.4	9.4	9.4	10.7	10.7	10.7	10.7	12.1	12.1	12.1	12.2	13.9	13.9	13.8	13.9		
Hi PR		271	275	277	282	317	318	320	324	361	363	365	369	410	411	413	418	462	463	465	470	517	519	520	525		
Lo PR		125	128	131	136	134	135	138	144	140	142	145	150	146	148	151	156	152	152	153	156	162	158	160	163	168	
1160	MBh	29.2	29.6	30.5	31.7	29.0	29.4	30.2	31.5	28.2	28.6	29.5	30.8	26.9	27.3	28.2	29.5	25.4	25.8	26.6	27.9	24.0	24.4	25.2	26.5		
	S/T	0.84	0.77	0.63	0.48	1.00	0.77	0.64	0.49	1.00	0.80	0.66	0.52	1.00	0.82	0.68	0.54	1.00	1.00	0.70	0.56	1.00	1.00	0.76	0.61		
	ΔT	19	17	14	11	19	17	14	11	19	17	14	11	19	19	17	14	11	19	17	14	11	20	18	15	12	
	kW	2.00	2.00	1.99	2.01	2.25	2.25	2.24	2.26	2.53	2.52	2.52	2.54	2.83	2.82	2.82	2.84	3.16	3.16	3.15	3.17	3.55	3.55	3.55	3.57		
	Amps	7.2	7.2	7.1	7.2	8.2	8.2	8.2	8.3	9.4	9.4	9.4	9.5	10.7	10.7	10.7	10.8	12.2	12.2	12.2	12.3	13.9	13.9	13.9	14.0		
	Hi PR	276	278	280	284	319	320	322	327	364	365	367	372	412	414	415	420	464	466	468	472	520	521	523	528		
	Lo PR	129	130	133	139	136	138	141	146	143	144	148	153	148	150	153	158	154	155	155	159	161	162	166	171		

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.

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								
80	MBh	25.9	27.6	29.6	30.9	28.1	28.5	29.4	30.7	27.4	27.8	28.6	29.9	26.1	26.5	27.4	28.7	24.6	25.0	25.8	27.1	23.2	23.5	24.4	25.7								
	S/T	1.00	0.80	0.64	0.50	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.53	1.00	1.00	0.69	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.77	0.62								
	ΔT	28	26	20	17	24	23	20	17	25	23	20	17	24	23	20	17	24	23	20	17	25	24	21	18								
	kW	1.71	1.87	1.97	1.99	2.22	2.22	2.22	2.23	2.50	2.50	2.49	2.51	2.80	2.80	2.79	2.81	3.13	3.13	3.13	3.15	3.53	3.52	3.52	3.54								
	Amps	6.1	6.6	7.0	7.1	8.1	8.1	8.1	8.2	9.3	9.3	9.3	9.4	10.6	10.6	10.6	10.7	12.1	12.1	12.1	12.1	13.8	13.8	13.8	13.9								
	Hi PR	266	270	275	279	314	316	317	322	359	360	362	367	407	409	411	415	460	461	463	467	515	516	518	523								
80	Lo PR	124	125	129	135	132	134	137	142	139	140	143	149	144	146	149	154	150	151	155	160	157	158	161	167								
	MBh	27.7	29.2	30.1	31.4	28.6	29.0	29.8	31.1	27.8	28.2	29.1	30.4	26.6	27.0	27.8	29.1	25.0	25.4	26.2	27.5	23.6	24.0	24.8	26.1								
	S/T	1.00	0.86	0.72	0.57	1.00	0.86	0.73	0.58	1.00	0.89	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.84	0.70								
	ΔT	27	22	19	16	23	22	19	16	23	22	19	16	23	22	19	16	23	21	18	15	24	22	19	16								
	kW	1.88	1.99	1.98	2.00	2.24	2.24	2.23	2.25	2.51	2.51	2.51	2.53	2.81	2.81	2.81	2.83	3.15	3.15	3.14	3.16	3.54	3.54	3.54	3.56								
	Amps	6.7	7.1	7.1	7.2	8.2	8.2	8.2	8.2	9.4	9.4	9.4	9.4	10.7	10.7	10.7	10.8	12.2	12.1	12.1	12.2	13.9	13.9	13.8	13.9								
1160	Hi PR	271	275	277	282	317	318	320	325	362	363	365	370	410	411	413	418	462	463	465	470	518	519	521	526								
	Lo PR	126	128	131	137	134	136	139	144	141	142	146	151	147	148	151	157	152	154	157	162	159	160	164	169								
	MBh	29.4	29.8	30.6	31.9	29.1	29.5	30.3	31.6	28.4	28.8	29.6	30.9	27.1	27.5	28.3	29.6	25.5	25.9	26.8	28.1	24.1	24.5	25.4	26.7								
	S/T	1.00	0.89	0.76	0.61	1.00	0.90	0.76	0.62	1.00	0.93	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.69	1.00	1.00	0.88	0.74								
	ΔT	22	21	18	15	22	21	18	15	23	21	18	15	22	21	18	15	22	20	18	14	23	21	19	15								
	kW	2.00	2.00	2.00	2.01	2.25	2.25	2.24	2.26	2.53	2.52	2.52	2.54	2.83	2.82	2.82	2.84	3.16	3.16	3.16	3.17	3.56	3.55	3.55	3.57								
85	Amps	7.2	7.2	7.1	7.2	8.2	8.2	8.2	8.3	9.4	9.4	9.4	9.5	10.8	10.7	10.7	10.8	12.2	12.2	12.2	12.3	13.9	13.9	13.9	14.0								
	Hi PR	277	278	280	285	320	321	323	328	365	366	368	372	413	414	416	421	465	466	468	473	520	522	524	528								
	Lo PR	129	131	134	139	137	138	141	147	143	145	148	153	149	151	154	159	154	156	159	164	161	163	166	171								
	MBh	26.4	28.1	30.1	31.4	28.6	29.0	29.9	31.1	27.9	28.3	29.1	30.4	26.6	27.0	27.8	29.1	25.0	25.4	26.3	27.6	23.6	24.0	24.9	26.2								
	S/T	1.00	0.91	0.75	0.60	1.00	1.00	0.75	0.61	1.00	1.00	0.78	0.63	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	1.00	0.73								
	ΔT	32	30	23	20	28	26	23	20	28	26	23	20	28	26	23	20	27	26	23	20	28	27	24	21								
1010	kW	1.72	1.87	1.97	1.99	2.23	2.22	2.22	2.24	2.50	2.50	2.50	2.52	2.80	2.80	2.80	2.82	3.14	3.14	3.13	3.15	3.53	3.53	3.53	3.54								
	Amps	6.1	6.6	7.0	7.1	8.1	8.1	8.1	8.2	9.3	9.3	9.3	9.4	10.7	10.6	10.6	10.7	12.1	12.1	12.1	12.2	13.8	13.8	13.8	13.9								
	Hi PR	267	271	276	281	316	317	319	323	360	362	364	368	409	410	412	417	461	462	464	469	516	518	519	524								
	Lo PR	126	127	131	136	134	136	139	144	141	142	145	151	146	148	151	156	152	153	156	162	159	160	163	169								
	MBh	28.1	29.7	30.5	31.8	29.0	29.4	30.3	31.6	28.3	28.7	29.5	30.8	27.0	27.4	28.3	29.6	25.5	25.9	26.7	28.0	24.1	24.5	25.3	26.6								
	S/T	1.00	0.96	0.82	0.68	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	1.00	0.75	1.00	1.00	1.00	0.80								
1160	ΔT	30	25	22	19	26	25	22	19	27	25	22	19	26	25	22	19	26	25	22	19	27	26	23	20								
	kW	1.89	1.99	1.99	2.01	2.24	2.24	2.24	2.25	2.52	2.52	2.51	2.53	2.82	2.82	2.81	2.83	3.15	3.15	3.15	3.17	3.55	3.55	3.54	3.56								
	Amps	6.7	7.1	7.1	7.2	8.2	8.2	8.2	8.3	9.4	9.4	9.4	9.5	10.7	10.7	10.7	10.8	12.2	12.2	12.1	12.2	13.9	13.9	13.9	13.9								
	Hi PR	273	277	279	283	318	320	321	326	363	364	366	371	411	413	415	419	464	465	467	471	519	520	522	527								
	Lo PR	128	130	133	139	136	138	141	146	143	144	148	153	148	150	153	158	154	155	159	164	161	162	166	171								
	MBh	29.8	30.2	31.1	32.4	29.6	30.0	30.8	32.1	28.8	29.2	30.1	31.4	27.6	28.0	28.8	30.1	26.0	26.4	27.3	28.6	24.6	25.0	25.8	27.1								
85	S/T	1.00	1.00	0.86	0.71	1.00	1.00	0.87	0.72	1.00	1.00	0.89	0.75	1.00	1.00	0.91	0.77	1.00	1.00	1.00	0.79	1.00	1.00	1.00	0.84								
	ΔT	25	24	21	18	25	24	21	18	26	24	21	18	25	24	21	18	25	24	21	18	26	25	22	19								
	kW	2.01	2.00	2.00	2.02	2.25	2.25	2.25	2.27	2.53	2.53	2.53	2.54	2.83	2.83	2.83	2.84	3.17	3.16	3.16	3.18	3.56	3.56	3.55	3.57								
	Amps	7.2	7.2	7.2	7.2	8.3	8.3	8.2	8.3	9.5	9.5	9.4	9.5	10.8	10.8	10.7	10.8	12.2	12.2	12.2	12.3	13.9	13.9	13.9	14.0								
	Hi PR	278	279	281	286	321	322	324	329	366	367	369	374	414	415	417	422	466	467	469	474	522	523	525	530								
	Lo PR	131	133	136	141	139	140	143	149	145	147	150	155	151	152	156	161	156	158	161	166	163	165	168	173								
DB = Entering Indoor Dry Bulb Temperature		Shaded areas is AHRI conditions.																kW = Total system power															
High and low pressures are measured at the liquid and suction service valves.																		Amps = outdoor unit amps (comp.+fan)															

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																105°F				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	30.2	32.2	35.6	-	33.8	34.3	35.3	-	32.9	33.4	34.4	-	31.4	31.8	32.9	-	29.5	30.0	31.0	-	27.5	27.9	28.9	-
	S/T	0.63	0.54	0.39	-	0.61	0.53	0.39	-	0.64	0.56	0.42	-	1.00	0.58	0.44	-	1.00	0.60	0.46	-	1.00	0.68	0.53	-
	ΔT	20	18	13	-	17	15	13	-	17	16	13	-	17	15	13	-	17	15	12	-	21	19	16	-
	kW	2.21	2.38	2.71	-	3.06	3.06	3.05	-	3.44	3.44	3.43	-	3.85	3.85	3.84	-	4.31	4.31	4.30	-	4.79	4.79	4.79	-
	Amps	7.7	8.4	9.4	-	10.9	10.9	10.9	-	12.6	12.6	12.6	-	14.4	14.4	14.4	-	16.4	16.4	16.3	-	18.5	18.5	18.5	-
	Hi PR	275	278	281	-	322	323	325	-	368	369	371	-	418	419	421	-	471	472	474	-	532	533	535	-
	Lo PR	124	124	128	-	131	133	136	-	138	139	142	-	143	145	148	-	149	150	153	-	153	155	158	-
	MBh	32.2	35.1	36.1	-	34.3	34.8	35.8	-	33.4	33.9	34.9	-	31.9	32.4	33.4	-	30.0	30.5	31.5	-	28.0	28.5	29.5	-
	S/T	0.70	0.61	0.47	-	0.69	0.61	0.47	-	0.72	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.75	0.61	-
	ΔT	18	14	11	-	16	14	11	-	16	14	12	-	16	14	11	-	16	14	11	-	19	18	14	-
1450	kW	2.40	2.74	2.73	-	3.08	3.08	3.07	-	3.46	3.46	3.45	-	3.87	3.87	3.86	-	4.33	4.33	4.32	-	4.81	4.81	4.81	-
	Amps	8.5	9.6	9.5	-	11.0	11.0	11.0	-	12.7	12.7	12.7	-	14.5	14.5	14.4	-	16.5	16.5	16.4	-	18.6	18.6	18.5	-
	Hi PR	280	282	284	-	325	326	328	-	371	372	374	-	421	422	424	-	474	475	477	-	535	536	538	-
	Lo PR	125	127	130	-	133	135	138	-	140	141	145	-	145	147	150	-	151	152	156	-	155	157	160	-
	MBh	35.3	35.8	36.8	-	35.0	35.5	36.5	-	34.1	34.6	35.6	-	32.6	33.0	34.1	-	30.7	31.2	32.2	-	28.6	29.1	30.1	-
	S/T	0.72	0.65	0.51	-	0.73	0.65	0.51	-	0.76	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.72	0.58	-	1.00	0.79	0.65	-
	ΔT	15	13	10	-	15	13	10	-	15	14	11	-	15	13	10	-	15	13	10	-	18	17	13	-
	kW	2.76	2.76	2.75	-	3.10	3.10	3.09	-	3.48	3.47	3.47	-	3.89	3.89	3.88	-	4.35	4.34	4.34	-	4.83	4.83	4.82	-
	Amps	9.6	9.6	9.6	-	11.1	11.1	11.1	-	12.8	12.8	12.7	-	14.6	14.5	14.5	-	16.6	16.5	16.5	-	18.7	18.6	18.6	-
	Hi PR	284	285	287	-	328	329	331	-	374	375	377	-	423	425	427	-	477	478	480	-	537	539	541	-
	Lo PR	128	130	133	-	136	137	140	-	142	144	147	-	148	149	153	-	153	155	158	-	158	159	162	-
75	MBh	30.2	32.2	35.6	37.2	33.8	34.3	35.3	36.9	32.9	33.4	34.4	36.0	31.4	31.9	32.9	34.5	29.5	30.0	31.0	32.6	27.5	28.0	29.0	27.3
	S/T	0.77	0.68	0.52	0.37	0.74	0.67	0.53	0.38	1.00	0.69	0.55	0.41	1.00	0.71	0.57	0.43	1.00	0.74	0.60	0.45	1.00	1.00	0.67	0.52
	ΔT	23	22	16	13	20	19	16	13	21	19	16	13	20	19	16	13	20	19	16	13	25	23	20	16
	kW	2.20	2.38	2.71	2.73	3.06	3.05	3.05	3.07	3.44	3.43	3.43	3.45	3.85	3.84	3.84	3.86	4.31	4.30	4.30	4.32	4.79	4.79	4.78	3.93
	Amps	7.7	8.4	9.4	9.5	10.9	10.9	10.9	11.0	12.6	12.6	12.6	12.7	14.4	14.4	14.3	14.5	16.4	16.4	16.3	16.4	18.5	18.5	18.4	15.2
	Hi PR	275	278	281	286	322	324	325	330	368	370	372	376	418	419	421	426	471	473	475	479	532	533	535	530
	Lo PR	124	124	128	134	131	133	136	141	138	139	142	148	143	145	148	153	149	150	153	159	153	155	158	166
	MBh	32.3	35.1	36.2	37.7	34.3	34.8	35.9	37.4	33.5	33.9	35.0	36.5	31.9	32.4	33.4	35.0	30.0	30.5	31.5	33.1	28.0	28.5	29.5	27.8
	S/T	0.84	0.74	0.60	0.45	1.00	0.74	0.61	0.46	1.00	0.77	0.63	0.48	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.53	1.00	1.00	0.75	0.60
	ΔT	22	18	15	12	19	18	15	12	19	18	15	12	19	18	15	12	19	17	15	12	23	22	18	14
	kW	2.40	2.74	2.73	2.76	3.08	3.08	3.07	3.10	3.46	3.46	3.45	3.48	3.87	3.87	3.86	3.89	4.33	4.33	4.32	4.35	4.81	4.81	4.80	3.95
1450	Amps	8.5	9.5	9.5	9.6	11.0	11.0	11.0	11.1	12.7	12.7	12.6	12.8	14.5	14.5	14.4	14.5	16.5	16.5	16.4	16.5	18.6	18.6	18.5	15.3
	Hi PR	280	282	284	289	325	326	328	333	371	372	374	379	421	422	424	429	474	475	477	482	535	536	538	532
	Lo PR	125	127	130	136	133	135	138	143	140	141	145	150	145	147	150	155	151	152	156	161	155	157	160	168
	MBh	35.3	35.8	36.8	38.4	35.0	35.5	36.5	38.1	34.1	34.6	35.6	37.2	32.6	33.1	34.1	35.6	30.7	31.2	32.2	33.8	28.6	29.1	30.1	28.4
	S/T	0.86	0.78	0.64	0.49	1.00	0.78	0.64	0.50	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	1.00	0.71	0.57	1.00	1.00	0.79	0.64
	ΔT	18	17	14	11	18	17	14	11	19	17	14	11	18	17	14	11	18	17	14	11	22	21	17	13
	kW	2.76	2.75	2.75	2.77	3.10	3.09	3.09	3.11	3.48	3.47	3.47	3.49	3.89	3.88	3.88	3.90	4.35	4.34	4.34	4.36	4.83	4.83	4.82	3.96
	Amps	9.6	9.6	9.6	9.7	11.1	11.1	11.1	11.2	12.8	12.8	12.7	12.8	14.5	14.5	14.5	14.6	16.5	16.5	16.5	16.6	18.6	18.6	18.6	15.4
	Hi PR	284	285	287	292	328	329	331	336	374	375	377	382	424	425	427	432	477	478	480	485	538	539	541	535
	Lo PR	128	130	133	138	136	137	140	146	142	144	147	152	148	149	153	158	153	155	158	163	158	159	162	171

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)

Shaded area is AHRI 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.

		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	59	63	67	71												
70	MBh	30.7	38.1	40.9	-	39.7	40.3	41.5	-	38.7	39.2	40.4	-	36.9	37.4	38.6	-	34.7	35.2	36.4	-	30.6	31.1	32.3	-	30.6	31.1	32.3	-	34.7	35.2	36.4	-	30.6	31.1	32.3	-												
	S/T	0.60	0.50	0.37	-	0.59	0.51	0.38	-	0.61	0.54	0.40	-	0.63	0.56	0.42	-	0.65	0.58	0.44	-	1.00	0.62	0.49	-	1.00	0.62	0.49	-	0.65	0.58	0.44	-	1.00	0.62	0.49	-												
	ΔT	20	19	15	-	19	18	14	-	20	18	14	-	19	18	14	-	19	17	14	-	22	20	16	-	22	20	16	-	19	17	14	-	22	20	16	-												
	kW	2.17	2.85	3.05	-	3.62	3.61	3.61	-	4.10	4.10	4.09	-	4.63	4.63	4.62	-	5.22	5.22	5.21	-	5.26	5.25	5.25	-	5.26	5.25	5.25	-	5.22	5.22	5.21	-	5.26	5.25	5.25	-												
	Amps	8.2	11.0	11.7	-	14.3	14.2	14.2	-	16.4	16.4	16.3	-	18.7	18.7	18.6	-	21.2	21.2	21.2	-	21.4	21.4	21.4	-	21.4	21.4	21.4	-	21.2	21.2	21.2	-	21.4	21.4	21.4	-												
	Hi PR	252	264	269	-	311	312	314	-	355	356	358	-	403	404	406	-	455	456	458	-	500	501	503	-	500	501	503	-	455	456	458	-	500	501	503	-												
	Lo PR	119	116	118	-	124	125	128	-	130	131	134	-	135	136	139	-	140	142	145	-	144	146	149	-	144	146	149	-	140	142	145	-	144	146	149	-												
	MBh	33.8	40.3	42.5	-	40.4	40.9	42.1	-	39.3	39.9	41.1	-	37.5	38.1	39.3	-	35.3	35.9	37.1	-	31.2	31.7	32.8	-	31.2	31.7	32.8	-	35.3	35.9	37.1	-	31.2	31.7	32.8	-												
	S/T	0.67	0.57	0.45	-	0.66	0.59	0.45	-	0.69	0.61	0.48	-	0.71	0.63	0.50	-	0.73	0.65	0.52	-	1.00	0.70	0.56	-	1.00	0.70	0.56	-	0.73	0.65	0.52	-	1.00	0.70	0.56	-												
	ΔT	19	18	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	20	18	15	-	20	18	15	-	18	16	13	-	20	18	15	-												
1320	kW	2.42	3.08	3.20	-	3.64	3.64	3.63	-	4.13	4.13	4.12	-	4.66	4.65	4.65	-	5.25	5.24	5.24	-	5.28	5.28	5.27	-	5.28	5.28	5.27	-	5.25	5.24	5.24	-	5.28	5.28	5.27	-												
	Amps	9.2	11.9	12.4	-	14.4	14.4	14.3	-	16.5	16.5	16.4	-	18.8	18.8	18.7	-	21.3	21.3	21.3	-	21.5	21.5	21.5	-	21.5	21.5	21.5	-	21.3	21.3	21.3	-	21.5	21.5	21.5	-												
	Hi PR	259	270	274	-	314	315	317	-	358	359	361	-	406	407	409	-	457	459	460	-	503	504	506	-	503	504	506	-	457	459	460	-	503	504	506	-												
	Lo PR	119	117	123	-	126	127	130	-	132	133	136	-	137	139	141	-	142	144	147	-	146	148	151	-	146	148	151	-	142	144	147	-	146	148	151	-												
	MBh	38.8	41.1	43.3	-	41.1	41.7	42.9	-	40.1	40.7	41.9	-	38.3	38.9	40.1	-	36.1	36.6	37.8	-	31.9	32.4	33.5	-	31.9	32.4	33.5	-	36.1	36.6	37.8	-	31.9	32.4	33.5	-												
	S/T	0.69	0.61	0.49	-	0.70	0.63	0.49	-	0.73	0.65	0.52	-	0.75	0.67	0.54	-	1.00	0.69	0.56	-	1.00	0.73	0.60	-	1.00	0.73	0.60	-	1.00	0.69	0.56	-	1.00	0.73	0.60	-												
	ΔT	18	17	12	-	17	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	19	17	14	-	19	17	14	-	17	15	12	-	19	17	14	-												
	kW	2.90	3.10	3.22	-	3.67	3.66	3.66	-	4.15	4.15	4.14	-	4.68	4.68	4.67	-	5.27	5.27	5.26	-	5.30	5.30	5.29	-	5.30	5.30	5.29	-	5.27	5.27	5.26	-	5.30	5.30	5.29	-												
	Amps	11.2	12.0	12.5	-	14.5	14.5	14.4	-	16.6	16.6	16.5	-	18.9	18.9	18.8	-	21.4	21.4	21.4	-	21.6	21.6	21.6	-	21.6	21.6	21.6	-	21.4	21.4	21.4	-	21.6	21.6	21.6	-												
	Hi PR	268	272	277	-	316	317	319	-	361	362	364	-	408	410	412	-	460	461	463	-	505	506	508	-	505	506	508	-	460	461	463	-	505	506	508	-												
Lo PR	119	119	125	-	128	129	132	-	134	136	139	-	139	141	144	-	145	146	149	-	148	150	153	-	148	150	153	-	145	146	149	-	148	150	153	-													
75	MBh	30.7	38.1	40.9	43.7	39.7	40.3	41.5	43.4	38.7	39.3	40.5	42.3	36.9	37.5	38.7	40.5	34.7	35.3	36.5	38.3	30.6	31.2	32.3	32.4	30.6	31.2	32.3	32.4	34.7	35.3	36.5	38.3	30.6	31.2	32.3	32.4												
	S/T	0.73	0.63	0.50	0.36	0.72	0.64	0.51	0.37	0.74	0.67	0.53	0.39	1.00	0.68	0.55	0.41	1.00	0.71	0.57	0.43	1.00	0.75	0.62	0.48	1.00	0.75	0.62	0.48	1.00	0.71	0.57	0.43	1.00	0.75	0.62	0.48												
	ΔT	24	23	20	15	23	21	18	15	23	22	18	15	23	21	18	15	23	21	18	14	26	24	20	17	26	24	20	17	23	21	18	14	26	24	20	17												
	kW	2.16	2.85	3.04	3.20	3.61	3.61	3.60	3.64	4.10	4.10	4.09	4.12	4.63	4.62	4.62	4.65	5.22	5.21	5.21	5.24	5.25	5.25	5.24	4.89	5.25	5.25	5.24	4.89	5.22	5.21	5.21	5.24	5.25	5.24	4.89													
	Amps	8.2	11.0	11.7	12.4	14.2	14.2	14.2	14.3	16.4	16.3	16.3	16.5	18.7	18.6	18.6	18.8	21.2	21.2	21.2	21.3	21.4	21.4	21.4	19.9	21.4	21.4	21.4	19.9	21.2	21.2	21.2	21.3	21.4	21.4	19.9													
	Hi PR	253	265	269	276	311	312	314	319	355	357	358	363	403	404	406	411	455	456	458	463	500	501	503	502	500	501	503	502	455	456	458	463	500	501	503	502												
	Lo PR	119	116	118	126	124	125	128	133	130	131	134	139	135	136	139	144	140	142	145	150	144	146	149	155	144	146	149	155	140	142	145	150	144	146	149	155												
	MBh	33.9	40.4	42.5	44.3	40.4	40.9	42.1	44.0	39.3	39.9	41.1	42.9	37.5	38.1	39.3	41.1	35.3	35.9	37.1	38.9	31.2	31.7	32.8	33.0	31.2	31.7	32.8	33.0	35.3	35.9	37.1	38.9	31.2	31.7	32.8	33.0												
	S/T	0.80	0.70	0.58	0.44	0.79	0.72	0.58	0.44	0.82	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.82	0.69	0.56	1.00	0.82	0.69	0.56	1.00	0.78	0.65	0.51	1.00	0.82	0.69	0.56												
	ΔT	23	22	17	13	22	20	17	13	22	20	17	14	22	20	17	13	22	20	17	13	25	23	19	15	25	23	19	15	22	20	17	13	25	23	19	15												
1320	kW	2.42	3.08	3.19	3.23	3.64	3.64	3.63	3.66	4.13	4.13	4.12	4.15	4.66	4.65	4.64	4.68	5.24	5.24	5.23	5.27	5.28	5.27	5.27	4.91	5.28	5.27	5.27	4.91	5.24	5.24	5.23	5.27	5.28	5.27	5.27	4.91												
	Amps	9.2	11.9	12.4	12.6	14.4	14.4	14.3	14.5	16.5	16.5	16.4	16.6	18.8	18.8	18.7	18.9	21.3	21.3	21.3	21.4	21.5	21.5	21.5	20.0	21.5	21.5	21.5	20.0	21.2	21.2	21.2	21.3	21.4	21.5	21.5	20.0												
	Hi PR	259	270	274	279	314	315	317	321	358	359	361	366	406	407	409	414	458	459	461	465	503	504	506	505	503	504	506	505	458	459	461	465	503	504	506	505												
	Lo PR	119	117	123	128	126	127	130	135	132	133	136	141	137	139	142	146	142	144	147	152	146	148	151	157																								

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								
70	1170	MBh	34.6	39.5	46.0	-	45.3	45.9	47.3	-	44.1	44.7	46.1	-	42.0	42.6	44.0	-	39.5	40.1	41.5	-	31.7	32.3	33.4	-											
		S/T	0.58	0.50	0.36	-	0.57	0.50	0.37	-	0.60	0.52	0.39	-	0.62	0.54	0.41	-	0.64	0.56	0.43	-	0.69	0.62	0.49	-											
		ΔT	21	19	16	-	20	18	14	-	20	18	15	-	20	18	14	-	19	18	14	-	22	20	17	-											
		kW	2.44	2.89	3.53	-	4.36	4.36	4.35	-	4.96	4.95	4.95	-	5.60	5.60	5.59	-	6.33	6.32	6.31	-	5.34	5.34	5.33	-											
		Amps	9.3	11.2	13.8	-	17.3	17.3	17.2	-	19.9	19.9	19.8	-	22.7	22.7	22.6	-	25.8	25.8	25.8	-	21.8	21.8	21.8	-											
	Hi PR	259	267	277	-	323	324	326	-	369	370	372	-	419	420	422	-	472	474	476	-	504	505	507	-												
	Lo PR	116	115	114	-	120	122	124	-	126	128	130	-	131	133	136	-	136	138	141	-	143	144	147	-												
1380	1380	MBh	41.2	45.3	48.4	-	46.0	46.6	48.0	-	44.8	45.4	46.8	-	42.7	43.4	44.7	-	40.2	40.9	42.2	-	32.3	32.9	34.0	-											
		S/T	0.63	0.56	0.44	-	0.65	0.57	0.44	-	0.67	0.60	0.47	-	0.69	0.62	0.49	-	0.71	0.64	0.51	-	1.00	0.69	0.56	-											
		ΔT	20	18	13	-	18	16	13	-	19	17	13	-	18	16	13	-	18	16	13	-	21	19	15	-											
		kW	3.12	3.57	3.85	-	4.40	4.39	4.38	-	4.99	4.99	4.98	-	5.64	5.63	5.63	-	6.36	6.36	6.35	-	5.37	5.36	5.36	-											
		Amps	12.1	14.0	15.1	-	17.4	17.4	17.4	-	20.0	20.0	20.0	-	22.8	22.8	22.8	-	26.0	26.0	25.9	-	21.9	21.9	21.9	-											
	Hi PR	271	278	285	-	326	327	329	-	372	373	375	-	422	423	425	-	475	477	479	-	507	508	510	-												
	Lo PR	114	113	120	-	122	124	126	-	128	130	133	-	133	135	138	-	138	140	143	-	145	146	149	-												
1590	1590	MBh	43.6	46.2	49.3	-	46.9	47.5	48.9	-	45.7	46.3	47.7	-	43.6	44.3	45.6	-	41.1	41.8	43.1	-	33.1	33.6	34.8	-											
		S/T	0.67	0.60	0.47	-	0.68	0.61	0.48	-	0.71	0.63	0.50	-	0.73	0.65	0.52	-	0.75	0.67	0.54	-	1.00	0.72	0.59	-											
		ΔT	19	17	12	-	17	15	12	-	17	16	12	-	17	15	12	-	17	15	12	-	20	18	14	-											
		kW	3.35	3.60	3.88	-	4.42	4.42	4.41	-	5.02	5.02	5.01	-	5.67	5.66	5.65	-	6.39	6.38	6.38	-	5.39	5.38	5.38	-											
		Amps	13.1	14.1	15.2	-	17.6	17.5	17.5	-	20.2	20.1	20.1	-	23.0	22.9	22.9	-	26.1	26.1	26.0	-	22.0	22.0	22.0	-											
	Hi PR	276	280	288	-	329	330	332	-	375	376	378	-	425	426	428	-	478	479	481	-	509	510	512	-												
	Lo PR	115	116	122	-	124	126	129	-	131	132	135	-	136	137	140	-	141	142	145	-	147	148	151	-												

75	1170	MBh	34.6	39.5	46.0	49.8	45.3	45.9	47.3	49.4	44.1	44.7	46.1	48.2	42.0	42.7	44.0	46.1	39.5	40.2	41.5	40.2	31.8	32.3	33.5	33.7
		S/T	0.71	0.62	0.48	0.35	0.70	0.62	0.49	0.36	0.72	0.65	0.52	0.38	0.74	0.67	0.54	0.40	1.00	0.69	0.56	0.41	1.00	0.74	0.61	0.47
		ΔT	25	24	21	15	24	22	18	15	24	22	19	15	24	22	18	15	23	22	18	16	27	25	21	17
		kW	2.44	2.89	3.53	3.85	4.36	4.35	4.34	4.39	4.96	4.95	4.94	4.98	5.60	5.60	5.59	5.63	6.32	6.32	6.31	5.44	5.34	5.34	5.33	4.97
		Amps	9.3	11.2	13.8	15.1	17.3	17.3	17.2	17.4	19.9	19.9	19.8	20.0	22.7	22.7	22.6	22.8	25.8	25.8	25.8	22.2	21.8	21.8	21.8	20.3
	Hi PR	259	267	277	287	323	324	326	331	369	371	373	377	419	420	422	427	473	474	476	466	504	505	507	503	
	Lo PR	116	115	114	122	120	122	124	129	126	128	131	135	131	133	136	140	136	138	141	143	143	144	147	153	
	1380	MBh	41.2	45.4	48.4	50.5	46.0	46.6	48.0	50.1	44.8	45.5	46.8	48.9	42.7	43.4	44.8	46.9	40.2	40.9	42.2	40.9	32.3	32.9	34.1	34.2
		S/T	0.75	0.68	0.56	0.42	0.77	0.70	0.57	0.43	0.79	0.72	0.59	0.45	1.00	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.81	0.68	0.54
		ΔT	24	23	17	14	22	20	17	14	22	21	17	14	22	20	17	14	22	20	17	15	25	23	20	16
kW		3.11	3.57	3.84	3.89	4.39	4.39	4.38	4.42	4.99	4.99	4.98	5.02	5.64	5.63	5.62	5.66	6.36	6.35	6.34	5.47	5.36	5.36	5.35	5.00	
Amps		12.1	14.0	15.0	15.2	17.4	17.4	17.4	17.5	20.0	20.0	20.0	20.1	22.8	22.8	22.8	22.9	26.0	25.9	25.9	22.3	21.9	21.9	21.9	20.4	
1590	Hi PR	271	278	285	290	326	327	329	334	372	373	375	380	422	423	425	430	476	477	479	469	507	508	510	509	
	Lo PR	114	113	120	124	122	124	126	131	128	130	133	137	133	135	138	142	138	140	143	145	145	146	149	155	
	MBh	43.6	46.2	49.3	51.4	46.9	47.5	48.9	51.0	45.7	46.3	47.7	49.8	43.6	44.3	45.7	47.7	41.1	41.8	43.1	41.7	33.1	33.6	34.8	35.0	
	S/T	0.79	0.72	0.60	0.46	0.81	0.73	0.60	0.47	0.83	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.80	0.67	0.52	1.00	0.85	0.72	0.58	
	ΔT	23	22	16	13	21	19	16	13	21	20	16	13	21	19	16	12	21	19	16	14	24	22	18	14	

DB = Entering Indoor Dry Bulb Temperature
 Shaded area is ACCA (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp. + fan)

IDB		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																																															
				65°F								75°F								85°F								95°F								105°F								115°F							
				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	59	63	67	71	59	63	67	71														
1170	MBh	34.8	39.7	46.2	50.0	45.5	46.2	47.5	49.6	44.3	45.0	46.3	48.4	42.3	42.9	44.3	46.4	39.8	40.4	41.8	40.5	32.0	32.5	33.7	33.8	32.0	32.5	33.7	33.8	32.0	32.5	33.7	33.8	32.0	32.5	33.7	33.8														
	S/T	0.84	0.74	0.60	0.47	0.82	0.74	0.61	0.48	1.00	0.77	0.64	0.50	1.00	0.79	0.66	0.52	1.00	0.81	0.68	0.53	1.00	0.86	0.73	0.59	1.00	0.86	0.73	0.59	1.00	0.81	0.68	0.53	1.00	0.86	0.73	0.59														
	ΔT	29	28	25	19	28	26	22	19	28	26	23	19	28	26	22	19	27	26	22	21	31	29	25	21	31	29	25	21	31	26	22	21	31	29	25	21														
	kW	2.44	2.89	3.53	3.85	4.36	4.36	4.35	4.39	4.96	4.95	4.94	4.99	5.60	5.60	5.59	5.63	6.33	6.32	6.31	5.44	5.34	5.34	4.98	5.34	5.34	5.33	4.98	5.34	5.34	5.33	4.98	5.34	5.34	5.33	4.98															
	Amps	9.3	11.2	13.8	15.1	17.3	17.3	17.2	17.4	19.9	19.9	19.8	20.0	22.7	22.7	22.6	22.8	25.8	25.8	25.8	22.2	21.8	21.8	20.3	21.8	21.8	21.8	20.3	21.8	21.8	21.8	20.3	21.8	21.8	21.8	20.3															
	Hi PR	260	267	277	288	324	325	327	332	370	371	373	378	420	421	423	428	473	474	476	467	505	506	508	507	505	506	508	507	505	506	508	507	505	506	508	507														
	Lo PR	117	115	115	123	121	122	125	130	127	128	131	136	132	133	136	141	137	138	141	143	143	145	147	154	143	145	147	154	143	145	147	154	143	145	147	154														
1380	MBh	41.4	45.6	48.7	50.8	46.2	46.9	48.3	50.3	45.0	45.7	47.1	49.1	43.0	43.6	45.0	47.1	40.5	41.1	42.5	41.1	32.5	33.1	34.3	34.4	32.5	33.1	34.3	34.4	32.5	33.1	34.3	34.4	32.5	33.1	34.3	34.4														
	S/T	0.87	0.80	0.68	0.54	1.00	0.82	0.69	0.55	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	0.80	0.66	0.66	1.00	0.88	0.75	0.61	1.00	0.80	0.66	0.66	1.00	0.88	0.75	0.61														
	ΔT	29	27	21	18	26	24	21	18	26	25	21	18	26	24	21	18	26	24	21	19	30	28	24	20	30	28	24	20	30	24	20	30	28	24	20															
	kW	3.12	3.57	3.85	3.89	4.40	4.39	4.38	4.42	4.99	4.99	4.98	5.02	5.64	5.63	5.62	5.67	6.36	6.36	6.35	5.47	5.37	5.36	5.00	5.37	5.36	5.36	5.00	5.37	5.36	5.36	5.00	5.37	5.36	5.36	5.00															
	Amps	12.1	14.0	15.1	15.2	17.4	17.4	17.4	17.6	20.0	20.0	20.0	20.2	22.8	22.8	22.8	23.0	26.0	26.0	25.9	22.3	21.9	21.9	20.4	21.9	21.9	21.9	20.4	21.9	21.9	21.9	20.4	21.9	21.9	21.9	20.4															
	Hi PR	271	278	286	291	327	328	330	335	373	374	376	381	423	424	426	431	476	477	479	470	507	509	510	510	507	509	510	510	507	509	510	510	507	509	510	510														
	Lo PR	115	114	120	125	123	124	127	132	129	130	133	138	134	135	138	143	139	140	143	145	147	149	156	145	146	149	156	145	146	149	156	145	146	149	156															
1590	MBh	43.9	46.5	49.6	51.6	47.1	47.8	49.1	51.2	45.9	46.6	48.0	50.0	43.9	44.5	45.9	48.0	41.4	42.0	43.4	41.9	33.3	33.8	35.0	35.2	33.3	33.8	35.0	35.2	33.3	33.8	35.0	35.2	33.3	33.8	35.0	35.2														
	S/T	0.91	0.84	0.72	0.58	1.00	0.85	0.72	0.59	1.00	0.88	0.75	0.61	1.00	0.90	0.77	0.63	1.00	0.92	0.79	0.64	1.00	0.84	0.70	0.70	1.00	0.92	0.79	0.64	1.00	0.84	0.70	0.70	1.00	0.84	0.70															
	ΔT	28	26	20	17	25	23	20	16	25	24	20	17	25	23	20	16	25	23	20	18	28	26	23	19	28	26	23	19	28	23	19	28	26	23	19															
	kW	3.35	3.60	3.88	3.92	4.42	4.42	4.41	4.45	5.02	5.02	5.01	5.05	5.67	5.66	5.65	5.69	6.39	6.38	6.37	5.49	5.39	5.38	5.02	5.39	5.38	5.38	5.02	5.39	5.38	5.38	5.02	5.39	5.38	5.38	5.02															
	Amps	13.1	14.1	15.2	15.4	17.6	17.5	17.5	17.7	20.2	20.1	20.1	20.3	23.0	22.9	22.9	23.1	26.1	26.1	26.0	22.4	22.0	22.0	20.5	22.0	22.0	22.0	20.5	22.0	22.0	22.0	20.5	22.0	22.0	22.0	20.5															
	Hi PR	277	281	289	293	329	331	333	337	376	377	379	384	425	427	429	433	479	480	482	472	510	511	513	513	510	511	513	513	510	511	513	513	510	511	513	513														
	Lo PR	116	116	122	127	125	126	129	134	131	132	135	140	136	138	140	145	141	143	145	148	147	149	152	158	147	149	152	158	147	149	152	158	147	149	152	158														
1170	MBh	35.4	40.4	47.0	50.8	46.3	46.9	48.3	50.4	45.1	45.7	47.1	49.2	43.0	43.7	45.1	47.1	40.5	41.2	42.5	41.2	32.6	33.2	34.3	34.5	32.6	33.2	34.3	34.5	32.6	33.2	34.3	34.5	32.6	33.2	34.3	34.5														
	S/T	1.00	0.84	0.70	0.57	1.00	0.84	0.71	0.57	1.00	0.87	0.73	0.60	1.00	0.88	0.75	0.62	1.00	1.00	0.77	0.63	1.00	0.83	0.69	0.69	1.00	1.00	0.77	0.63	1.00	0.83	0.69	0.69	1.00	0.83	0.69															
	ΔT	33	32	29	23	31	29	26	22	31	30	26	23	31	29	26	22	31	29	26	25	35	33	29	25	35	33	29	25	35	33	29	25	35	33	29	25														
	kW	2.45	2.90	3.54	3.86	4.37	4.37	4.36	4.40	4.97	4.96	4.95	5.00	5.61	5.61	5.60	5.64	6.34	6.33	6.32	5.45	5.35	5.35	4.98	5.35	5.35	5.35	4.98	5.35	5.35	5.35	4.98	5.35	5.35	5.35	4.98															
	Amps	9.4	11.2	13.9	15.1	17.3	17.3	17.3	17.5	19.9	19.9	19.9	20.0	22.7	22.7	22.7	22.9	25.9	25.9	25.8	22.2	21.9	21.9	20.3	21.9	21.9	21.8	20.3	21.9	21.9	21.8	20.3	21.9	21.9	21.8	20.3															
	Hi PR	261	268	279	289	325	326	328	333	371	372	374	379	421	422	424	429	475	476	478	468	506	507	509	508	506	507	509	508	506	507	509	508	506	507	509	508														
	Lo PR	118	117	116	125	122	124	127	132	128	130	133	138	134	135	138	143	139	140	143	145	145	146	149	156	145	146	149	156	145	146	149	156	145	146	149	156														
1380	MBh	42.1	46.3	49.4	51.5	47.0	47.7	49.0	51.1	45.8	46.5	47.8	49.9	43.8	44.4	45.8	47.9	41.2	41.9	43.3	41.8	33.2	33.8	34.9	35.0	33.2	33.8	34.9	35.0	33.2	33.8	34.9	35.0	33.2	33.8	34.9	35.0														
	S/T	1.00	0.90	0.78	0.64	1.00	0.92	0.78	0.65	1.00	0.94	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.70	1.00	0.90	0.76	0.76	1.00	1.00	0.85	0.70	1.00	0.90	0.76	0.76	1.00	0.90	0.76															
	ΔT	33	31	25	21	30	28	25	21	30	28	25	21	30	28	25	21	29	28																																
	kW	3.12	3.58	3.86	3.90	4.41	4.40	4.39	4.43	5.00	5.00	4.99	5.03	5.65	5.64	5.64	5.68	6.37	6.37	6.36	5.48	5.37	5.37	5.36	5.01	5.37	5.37	5.37	5.36	5.01	5.37	5.37	5.36	5.01																	
	Amps	12.2	14.0	15.1	15.3	17.5	17.5	17.4	17.6	20.1	20.1	20.0	20.2	22.9	22.9	22.8	23.0	26.0	26.0	26.0	22.3	22.0	22.0	21.9	20.4	22.0	22.0	22.0	21.9	20.4	22.0	22.0	21.9	20.4																	
	Hi PR	273	280	287	292	328	329	331	336	374	375	377	382	424	425	427	432	477	479	481	471	509	510	512	511	509	510	512	511	509	510	512	511	509	510	512	511														
	Lo PR	116	116	122	127	124	126	129	134	130	132	135	140	136	137	140	145	141	142	145	147	147	148	151	157	144																									

		OUTDOOR AMBIENT TEMPERATURE																													
		65°F					75°F					85°F					95°F					105°F					115°F				
IDB	AIRFLOW	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71
70	MBh	41.6	49.2	54.0	-	-	53.3	54.1	55.7	-	-	51.9	52.7	54.3	-	-	49.5	50.2	51.8	-	-	41.9	42.6	44.1	-	-	35.9	36.5	37.8	-	-
	S/T	0.57	0.49	0.36	-	-	0.56	0.49	0.36	-	-	0.58	0.51	0.38	-	-	0.60	0.53	0.40	-	-	0.64	0.56	0.43	-	-	0.69	0.61	0.48	-	-
	ΔT	20	19	16	-	-	19	17	14	-	-	19	17	14	-	-	19	17	14	-	-	21	19	15	-	-	22	20	16	-	-
	kW	2.90	3.68	4.18	-	-	5.15	5.14	5.13	-	-	5.85	5.84	5.83	-	-	6.60	6.60	6.59	-	-	6.01	6.01	6.00	-	-	5.75	5.75	5.74	-	-
	Amps	10.9	14.1	16.0	-	-	20.1	20.1	20.1	-	-	23.2	23.1	23.1	-	-	26.4	26.4	26.4	-	-	24.2	24.2	24.2	-	-	23.3	23.2	23.2	-	-
	Hi PR	260	272	280	-	-	324	325	327	-	-	370	371	373	-	-	420	421	423	-	-	459	460	462	-	-	501	503	504	-	-
	Lo PR	113	111	113	-	-	117	119	122	-	-	123	125	128	-	-	128	130	133	-	-	132	134	136	-	-	141	142	145	-	-
	MBh	47.6	51.4	57.0	-	-	54.1	54.9	56.5	-	-	52.7	53.5	55.1	-	-	50.3	51.1	52.7	-	-	42.7	43.4	44.8	-	-	36.5	37.2	38.5	-	-
	S/T	0.64	0.56	0.42	-	-	0.63	0.56	0.43	-	-	0.65	0.58	0.45	-	-	0.67	0.60	0.47	-	-	0.71	0.64	0.51	-	-	0.76	0.69	0.56	-	-
	ΔT	20	18	13	-	-	17	16	13	-	-	18	16	13	-	-	17	16	13	-	-	19	17	14	-	-	20	18	15	-	-
1640	kW	3.50	3.93	4.55	-	-	5.19	5.18	5.17	-	-	5.89	5.88	5.87	-	-	6.64	6.64	6.63	-	-	6.05	6.04	6.03	-	-	5.78	5.77	5.77	-	-
	Amps	13.4	15.1	17.5	-	-	20.3	20.3	20.2	-	-	23.3	23.3	23.3	-	-	26.6	26.6	26.5	-	-	24.4	24.3	24.3	-	-	23.4	23.4	23.3	-	-
	Hi PR	271	277	286	-	-	327	328	330	-	-	373	374	376	-	-	423	424	426	-	-	462	463	465	-	-	504	505	507	-	-
	Lo PR	112	113	117	-	-	119	121	124	-	-	125	127	130	-	-	130	132	135	-	-	134	136	138	-	-	143	144	147	-	-
	MBh	50.2	54.3	58.1	-	-	55.2	56.0	57.6	-	-	53.8	54.6	56.2	-	-	51.4	52.1	53.7	-	-	43.6	44.3	45.8	-	-	37.4	38.0	39.3	-	-
	S/T	0.68	0.60	0.46	-	-	0.66	0.59	0.47	-	-	0.69	0.62	0.49	-	-	0.71	0.63	0.51	-	-	0.75	0.67	0.54	-	-	1.00	0.72	0.59	-	-
	ΔT	19	17	12	-	-	16	15	11	-	-	17	15	12	-	-	16	15	11	-	-	18	16	13	-	-	19	17	14	-	-
	kW	3.74	4.25	4.58	-	-	5.22	5.22	5.21	-	-	5.92	5.91	5.90	-	-	6.67	6.67	6.66	-	-	6.07	6.07	6.06	-	-	5.80	5.80	5.79	-	-
	Amps	14.3	16.4	17.7	-	-	20.4	20.4	20.4	-	-	23.5	23.5	23.4	-	-	26.8	26.7	26.7	-	-	24.5	24.4	24.4	-	-	23.5	23.5	23.4	-	-
	Hi PR	276	284	288	-	-	329	331	333	-	-	376	377	379	-	-	426	427	429	-	-	465	466	468	-	-	507	508	510	-	-
Lo PR	114	114	119	-	-	122	123	126	-	-	128	129	132	-	-	133	134	137	-	-	136	138	141	-	-	145	146	149	-	-	
75	MBh	41.6	49.2	54.0	58.6	-	53.3	54.1	55.7	58.2	-	51.9	52.7	54.3	56.8	-	49.5	50.3	51.9	54.3	-	41.9	42.6	44.1	44.8	-	35.9	36.5	37.8	37.7	-
	S/T	0.70	0.62	0.48	0.34	-	0.68	0.61	0.48	0.35	-	0.70	0.63	0.50	0.37	-	0.72	0.65	0.52	0.39	-	0.76	0.69	0.56	0.42	-	1.00	0.74	0.61	0.48	-
	ΔT	25	23	20	14	-	22	21	18	14	-	23	21	18	15	-	22	21	18	14	-	25	23	20	16	-	26	24	20	16	-
	kW	2.90	3.68	4.17	4.55	-	5.14	5.14	5.13	5.18	-	5.84	5.84	5.83	5.87	-	6.60	6.59	6.58	6.63	-	6.01	6.01	6.00	5.67	-	5.75	5.75	5.74	5.30	-
	Amps	10.9	14.0	16.0	17.5	-	20.1	20.1	20.0	20.2	-	23.1	23.1	23.1	23.3	-	26.4	26.4	26.4	26.6	-	24.2	24.2	24.1	22.8	-	23.3	23.2	23.2	21.4	-
	Hi PR	261	272	280	288	-	324	325	327	332	-	370	371	373	378	-	420	421	423	428	-	459	461	462	463	-	502	503	505	503	-
	Lo PR	113	111	113	120	-	117	119	122	126	-	123	125	128	132	-	128	130	133	137	-	132	134	136	142	-	141	142	145	151	-
	MBh	47.6	51.4	57.0	59.5	-	54.2	54.9	56.6	59.0	-	52.8	53.5	55.1	57.6	-	50.3	51.1	52.7	55.2	-	42.7	43.4	44.9	45.5	-	36.6	37.2	38.5	38.3	-
	S/T	0.76	0.68	0.55	0.41	-	0.75	0.68	0.55	0.42	-	0.77	0.70	0.57	0.44	-	0.79	0.72	0.59	0.46	-	1.00	0.76	0.63	0.49	-	1.00	0.81	0.68	0.55	-
	ΔT	24	22	16	13	-	21	19	16	13	-	21	20	17	13	-	21	19	16	13	-	24	22	18	14	-	24	23	19	15	-
1640	kW	3.49	3.93	4.54	4.59	-	5.18	5.18	5.17	5.22	-	5.88	5.88	5.87	5.91	-	6.64	6.63	6.62	6.67	-	6.04	6.04	6.03	5.70	-	5.77	5.77	5.76	5.32	-
	Amps	13.3	15.0	17.5	17.7	-	20.3	20.3	20.2	20.4	-	23.3	23.3	23.2	23.5	-	26.6	26.6	26.5	26.7	-	24.3	24.3	24.3	22.9	-	23.4	23.4	23.3	21.5	-
	Hi PR	271	278	286	291	-	327	328	330	335	-	373	374	376	381	-	423	424	426	431	-	462	463	465	465	-	504	505	507	505	-
	Lo PR	112	113	117	122	-	119	121	124	128	-	125	127	130	134	-	130	132	135	139	-	134	136	138	144	-	143	144	147	153	-
	MBh	50.2	54.3	58.1	60.6	-	55.2	56.0	57.6	60.1	-	53.8	54.6	56.2	58.7	-	51.4	52.2	53.8	56.2	-	43.6	44.3	45.8	46.4	-	37.4	38.1	39.4	39.1	-
	S/T	0.80	0.72	0.58	0.45	-	0.79	0.71	0.59	0.45	-	0.81	0.74	0.61	0.48	-	0.83	0.76	0.63	0.50	-	1.00	0.80	0.67	0.53	-	1.00	0.85	0.72	0.59	-
	ΔT	23	21	15	12	-	20	18	15	12	-	20	19	15	12	-	20	18	15	12	-	22	21	17	13	-	23	21	18	14	-
	kW	3.74	4.25	4.58	4.62	-	5.22	5.21	5.20	5.25	-	5.92	5.91	5.90	5.95	-	6.67	6.66	6.65	6.70	-	6.07	6.07	6.06	5.72	-	5.80	5.79	5.79	5.34	-
	Amps	14.3	16.4	17.6	17.8	-	20.4	20.4	20.4	20.6	-	23.5	23.4	23.4	23.6	-	26.7	26.7	26.7	26.9	-	24.4	24.4	24.4	23.0	-	23.5	23.4	23.4	21.6	-
	Hi PR	277	284	289	294	-	330	331	333	338	-	376	377	379	384	-	426	427	429	434	-	465	466	468	468	-	507	508	510	508	-
Lo PR	114	114	119	124	-	122	123	126	131	-	128	129	132	137	-	133	134	137	142	-	136	138	141	146	-	145	146	149	156	-	
DB = Entering Indoor Dry Bulb Temperature												Shaded area is ACCA (TVA) conditions										kW = Total system power									
High and low pressures are measured at the liquid and suction service valves.																						Amps = outdoor unit amps (comp.+fan)									

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

Amps = outdoor unit amps (comp.+fan)

kW = Total system power

		OUTDOOR AMBIENT TEMPERATURE																													
		65°F					75°F					85°F					95°F					105°F					115°F				
		ENTERING INDOOR WET BULB TEMPERATURE																													
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71						
80	1390	MBh	41.9	49.4	54.3	58.9	53.6	54.4	56.0	58.4	52.2	53.0	54.6	57.0	49.8	50.5	52.2	54.6	42.2	42.9	44.3	45.0	36.1	36.7	38.0	37.9					
		S/T	0.82	0.74	0.60	0.46	0.79	0.72	0.60	0.46	1.00	0.75	0.62	0.49	1.00	0.76	0.64	0.50	1.00	0.81	0.68	0.54	1.00	0.86	0.73	0.60					
		ΔT	29	28	24	18	26	25	21	18	27	25	22	18	26	25	21	18	29	27	24	20	30	28	25	21					
		kW	2.90	3.68	4.18	4.55	5.15	5.14	5.13	5.18	5.85	5.84	5.83	5.88	6.60	6.60	6.58	6.63	6.01	6.01	6.00	5.67	5.75	5.75	5.74	5.30					
	Amps	10.9	14.1	16.0	17.5	20.1	20.1	20.1	20.3	23.2	23.1	23.1	23.3	26.4	26.4	26.4	26.6	24.2	24.2	24.2	22.8	23.3	23.2	23.2	21.4						
	Hi PR	261	273	281	288	324	326	328	332	371	372	374	379	421	422	424	429	460	461	463	463	502	503	505	503						
	Lo PR	113	112	113	120	118	119	122	127	124	125	128	133	129	130	133	138	133	133	134	137	142	141	143	146	152					
80	1640	MBh	47.8	51.7	57.3	59.8	54.5	55.2	56.8	59.3	53.0	53.8	55.4	57.9	50.6	51.4	53.0	55.5	43.0	43.7	45.1	45.7	36.8	37.4	38.7	38.5					
		S/T	0.89	0.80	0.66	0.53	0.87	0.80	0.67	0.53	1.00	0.82	0.69	0.56	1.00	0.84	0.71	0.58	1.00	0.88	0.75	0.61	1.00	0.93	0.80	0.67					
		ΔT	28	26	20	17	25	23	20	17	25	24	20	17	25	23	20	17	28	26	22	19	29	27	23	19					
		kW	3.50	3.93	4.55	4.60	5.19	5.18	5.17	5.22	5.89	5.88	5.87	5.92	6.64	6.64	6.63	6.67	6.05	6.04	6.03	5.70	5.78	5.77	5.77	5.32					
	Amps	13.3	15.1	17.5	17.7	20.3	20.3	20.2	20.4	23.3	23.3	23.3	23.5	26.6	26.6	26.6	26.8	24.4	24.3	24.3	22.9	23.4	23.4	23.3	21.5						
	Hi PR	272	278	286	291	327	329	331	335	374	375	377	382	423	423	425	427	463	464	466	466	505	506	508	506						
	Lo PR	113	113	117	122	120	121	124	129	126	127	130	135	131	132	135	140	135	135	136	139	144	143	145	147	154					
1890	1390	MBh	50.5	54.6	58.4	60.8	55.5	56.3	57.9	60.4	54.1	54.9	56.5	58.9	51.7	52.4	54.1	56.5	43.9	44.6	46.0	46.6	37.7	38.3	39.6	39.4					
		S/T	0.92	0.84	0.70	0.56	0.90	0.83	0.70	0.57	1.00	0.85	0.73	0.59	1.00	0.87	0.75	0.61	1.00	0.92	0.79	0.65	1.00	1.00	0.84	0.71					
		ΔT	27	25	19	16	24	22	19	16	24	22	19	16	24	22	19	16	27	25	21	17	27	26	22	18					
		kW	3.74	4.25	4.58	4.63	5.22	5.22	5.21	5.25	5.9																				

	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					
70	520	MBh	15.9	16.6	17.6	-	16.7	16.9	17.4	-	16.3	16.5	17.0	-	15.5	15.7	16.2	-	14.6	14.8	15.3	-	13.7	14.0	14.5	-	
		S/T	0.62	0.54	0.40	-	0.62	0.54	0.40	-	0.65	0.57	0.43	-	1.00	0.59	0.45	-	1.00	0.61	0.47	-	1.00	0.67	0.52	-	
		ΔT	21	19	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	19	17	14	-	
		kW	1.04	1.07	1.07	-	1.20	1.20	1.20	-	1.36	1.35	1.35	-	1.52	1.52	1.51	-	1.70	1.70	1.70	-	1.91	1.91	1.91	-	
		Amps	3.6	3.8	3.9	-	4.5	4.5	4.4	-	5.1	5.1	5.1	-	5.8	5.8	5.8	-	6.6	6.6	6.6	-	7.5	7.5	7.5	-	
			Hi PR	243	245	245	-	280	281	283	-	320	321	323	-	363	364	366	-	410	411	412	-	459	460	462	-
			Lo PR	125	126	131	-	133	135	138	-	140	142	145	-	146	147	151	-	151	153	156	-	158	160	163	-
	610	MBh	16.6	17.3	17.9	-	17.0	17.2	17.7	-	16.5	16.8	17.3	-	15.8	16.0	16.5	-	14.8	15.1	15.6	-	14.0	14.2	14.7	-	
		S/T	0.69	0.61	0.47	-	0.70	0.62	0.48	-	0.73	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-	
		ΔT	19	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	16	15	12	-	17	16	13	-	
kW		1.08	1.08	1.07	-	1.21	1.21	1.21	-	1.36	1.36	1.36	-	1.53	1.53	1.52	-	1.71	1.71	1.70	-	1.92	1.92	1.92	-		
Amps		3.8	3.9	3.9	-	4.5	4.5	4.5	-	5.2	5.1	5.1	-	5.9	5.9	5.8	-	6.6	6.6	6.6	-	7.6	7.6	7.6	-		
		Hi PR	246	245	247	-	282	283	285	-	322	324	325	-	366	367	368	-	412	413	415	-	462	463	464	-	
		Lo PR	127	130	133	-	136	137	140	-	142	144	147	-	148	150	153	-	154	155	158	-	161	162	165	-	
700	MBh	17.4	17.7	18.2	-	17.3	17.5	18.0	-	16.8	17.1	17.6	-	16.1	16.3	16.8	-	15.2	15.4	15.9	-	14.3	14.5	15.0	-		
	S/T	0.73	0.65	0.51	-	0.74	0.66	0.52	-	1.00	0.69	0.54	-	1.00	0.71	0.56	-	1.00	0.73	0.59	-	1.00	1.00	0.64	-		
	ΔT	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	14	11	-	16	15	12	-		
	kW	1.09	1.08	1.08	-	1.22	1.22	1.22	-	1.37	1.37	1.37	-	1.53	1.53	1.53	-	1.72	1.71	1.71	-	1.93	1.93	1.93	-		
	Amps	3.9	3.9	3.9	-	4.5	4.5	4.5	-	5.2	5.2	5.2	-	5.9	5.9	5.9	-	6.7	6.7	6.7	-	7.6	7.6	7.6	-		
		Hi PR	247	248	249	-	285	286	288	-	325	326	328	-	368	369	371	-	414	415	417	-	464	465	467	-	
		Lo PR	130	132	135	-	138	140	143	-	145	146	150	-	151	152	155	-	156	158	161	-	163	165	168	-	

75	520	MBh	15.9	16.6	17.6	18.4	16.7	16.9	17.5	18.2	16.3	16.5	17.0	17.8	15.5	15.8	16.3	17.0	14.6	14.8	15.3	16.1	13.7	14.0	14.5	15.3
		S/T	0.75	0.67	0.53	0.38	1.00	0.68	0.54	0.39	1.00	0.70	0.56	0.41	1.00	0.72	0.58	0.43	1.00	0.75	0.61	0.46	1.00	0.72	0.58	0.43
		ΔT	25	23	17	14	21	20	17	14	22	20	17	14	21	20	17	14	21	20	17	13	22	21	18	14
		kW	1.04	1.07	1.07	1.08	1.20	1.20	1.20	1.21	1.35	1.35	1.35	1.36	1.52	1.52	1.51	1.52	1.70	1.70	1.70	1.71	1.91	1.91	1.91	1.92
		Amps	3.6	3.8	3.9	3.9	4.5	4.5	4.4	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.6
	Hi PR	243	245	245	249	280	281	283	287	320	321	323	327	363	364	366	370	410	410	411	413	417	459	460	462	466
	Lo PR	125	126	131	136	134	135	138	144	140	142	145	150	146	147	151	156	151	153	156	162	158	160	163	169	
	610	MBh	16.6	17.4	17.9	18.6	17.0	17.2	17.7	18.5	16.5	16.8	17.3	18.0	15.8	16.0	16.5	17.3	14.8	15.1	15.6	16.4	14.0	14.2	14.7	15.5
		S/T	0.83	0.75	0.61	0.46	1.00	0.75	0.61	0.46	1.00	0.78	0.64	0.49	1.00	0.80	0.66	0.51	1.00	1.00	0.68	0.53	1.00	1.00	0.74	0.59
		ΔT	23	19	16	12	20	19	16	12	20	19	16	13	20	19	16	12	20	18	15	12	21	19	16	13
kW		1.08	1.08	1.07	1.08	1.21	1.21	1.21	1.22	1.36	1.36	1.36	1.37	1.53	1.52	1.52	1.53	1.71	1.71	1.70	1.71	1.92	1.92	1.92	1.93	
Amps		3.8	3.9	3.9	3.9	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.2	5.9	5.8	5.8	5.9	6.6	6.6	6.6	6.7	7.6	7.6	7.6	7.6	
700	Hi PR	246	245	247	251	283	284	285	290	323	324	325	330	366	367	369	373	412	413	415	419	462	463	465	469	
	Lo PR	127	130	133	138	136	137	140	146	142	144	147	153	148	150	153	158	154	155	158	164	161	162	165	171	
	MBh	17.4	17.7	18.2	19.0	17.3	17.5	18.0	18.8	16.8	17.1	17.6	18.4	16.1	16.3	16.8	17.6	15.2	15.4	15.9	16.7	14.3	14.6	15.1	15.8	
	S/T	0.87	0.79	0.65	0.50	1.00	0.79	0.65	0.50	1.00	0.82	0.68	0.53	1.00	0.84	0.70	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.78	0.63	
	ΔT	19	18	15	11	19	18	15	11	19	18	15	12	19	18	15	11	19	17	14	11	20	18	15	12	

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

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	16.0	16.7	17.7	18.5	16.8	17.0	17.5	18.3	16.4	16.6	17.1	17.9	15.6	15.8	16.3	17.1	14.7	14.9	15.4	16.2	13.8	14.1	14.6	15.3											
		S/T	1.00	0.80	0.66	0.51	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	1.00	0.71	0.56	1.00	1.00	0.74	0.59	1.00	1.00	0.79	0.64											
		ΔT	29	27	20	17	25	23	20	17	25	24	21	17	25	23	20	17	25	23	20	17	26	24	21	18											
		kW	1.04	1.07	1.07	1.08	1.20	1.20	1.20	1.21	1.36	1.35	1.35	1.36	1.52	1.52	1.51	1.52	1.70	1.70	1.70	1.71	1.91	1.91	1.91	1.92											
	Amps	3.6	3.8	3.9	3.9	4.5	4.5	4.4	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.9	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.6												
	Hi PR	243	245	245	249	281	282	283	288	321	322	323	328	364	365	367	371	410	411	413	417	460	461	463	467												
	Lo PR	125	127	131	137	134	136	139	144	141	142	146	151	146	148	151	157	152	154	157	162	159	161	164	169												
	610	MBh	16.7	17.4	18.0	18.7	17.1	17.3	17.8	18.6	16.6	16.9	17.4	18.1	15.9	16.1	16.6	17.4	14.9	15.2	15.7	16.4	14.1	14.3	14.8	15.6											
S/T		1.00	0.88	0.74	0.59	1.00	0.89	0.74	0.60	1.00	0.91	0.77	0.62	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.87	0.72												
ΔT		28	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	25	23	20	17												
kW		1.08	1.08	1.07	1.09	1.21	1.21	1.21	1.22	1.36	1.36	1.36	1.37	1.53	1.53	1.53	1.54	1.71	1.71	1.70	1.72	1.92	1.92	1.92	1.93												
700	Amps	3.8	3.9	3.9	3.9	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.2	5.9	5.9	5.9	5.9	6.6	6.6	6.6	6.7	7.6	7.6	7.6	7.6												
	Hi PR	247	246	248	252	283	284	286	290	323	324	326	330	366	367	369	373	413	414	415	420	462	463	465	469												
	Lo PR	127	130	133	139	136	138	141	146	143	145	148	153	149	150	153	159	154	156	159	164	161	163	166	171												
	MBh	17.5	17.8	18.3	19.0	17.4	17.6	18.1	18.9	16.9	17.2	17.7	18.4	16.2	16.4	16.9	17.7	15.2	15.5	16.0	16.8	14.4	14.6	15.1	15.9												
85	520	S/T	1.00	0.92	0.78	0.63	1.00	0.92	0.78	0.63	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.70	1.00	1.00	1.00	0.76											
		ΔT	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	24	22	19	16											
		kW	1.04	1.07	1.07	1.08	1.21	1.21	1.20	1.21	1.36	1.36	1.35	1.36	1.52	1.52	1.52	1.53	1.70	1.70	1.70	1.71	1.92	1.91	1.91	1.92											
		Amps	3.6	3.8	3.9	3.9	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.2	5.8	5.8	5.8	5.9	6.6	6.6	6.6	6.7	7.6	7.5	7.5	7.6											
	Hi PR	245	246	246	251	282	283	285	289	322	323	325	329	365	366	368	372	411	412	414	418	461	462	464	468												
	Lo PR	127	128	133	138	136	138	141	146	143	144	147	153	148	150	153	158	154	155	159	164	161	162	166	171												
	610	MBh	16.9	17.7	18.2	19.0	17.3	17.6	18.1	18.9	16.9	17.1	17.6	18.4	16.1	16.4	16.9	17.7	15.2	15.5	16.0	16.7	14.4	14.6	15.1	15.9											
		S/T	1.00	0.98	0.84	0.69	1.00	1.00	0.85	0.70	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.75	1.00	1.00	1.00	0.77	1.00	1.00	1.00	0.82											
ΔT		31	25	22	19	27	25	22	19	27	26	23	19	27	25	22	19	27	25	22	19	28	26	23	20												
kW		1.08	1.08	1.08	1.09	1.22	1.21	1.21	1.22	1.37	1.36	1.36	1.37	1.53	1.53	1.53	1.54	1.71	1.71	1.71	1.72	1.92	1.92	1.92	1.93												
700	Amps	3.8	3.9	3.9	4.0	4.5	4.5	4.5	4.5	5.2	5.2	5.1	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.6	6.7	7.6	7.6	7.6	7.6												
	Hi PR	248	247	249	253	284	285	287	291	324	325	327	331	367	368	370	374	414	415	417	421	463	464	466	470												
	Lo PR	129	132	135	141	138	140	143	148	145	146	150	155	151	152	155	161	156	158	161	166	163	165	168	173												
	MBh	17.8	18.1	18.6	19.3	17.7	17.9	18.4	19.2	17.2	17.5	18.0	18.7	16.5	16.7	17.2	18.0	15.5	15.8	16.3	17.0	14.7	14.9	15.4	16.2												
85	520	S/T	1.00	1.00	0.88	0.73	1.00	1.00	0.89	0.74	1.00	1.00	0.91	0.77	1.00	1.00	0.93	0.79	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.86											
		ΔT	26	25	21	18	26	24	21	18	26	25	22	18	26	24	21	18	26	24	21	18	27	25	22	19											
		kW	1.09	1.09	1.08	1.09	1.22	1.22	1.22	1.23	1.37	1.37	1.37	1.38	1.54	1.53	1.53	1.54	1.72	1.72	1.71	1.72	1.93	1.93	1.93	1.94											
		Amps	4.0	3.9	3.9	4.0	4.5	4.5	4.5	4.6	5.2	5.2	5.2	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.7	6.7	7.6	7.6	7.6	7.6											
	Hi PR	248	249	251	255	287	288	289	294	327	328	329	334	370	371	372	377	416	417	419	423	466	467	469	473												
	Lo PR	133	134	138	143	141	142	145	151	147	149	152	157	153	155	158	163	159	160	163	169	166	167	170	176												
	Shaded area is AHRI conditions.																																				
	kW = Total system power																																				

		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	21.2	22.3	23.5	-	22.3	22.6	23.3	-	21.7	22.1	22.7	-	20.7	21.0	21.7	-	19.5	19.8	20.5	-	18.4	18.7	19.3	-																								
	S/T	0.61	0.53	0.39	-	0.61	0.53	0.40	-	0.64	0.56	0.42	-	0.66	0.58	0.44	-	1.00	0.60	0.46	-	1.00	0.66	0.52	-																								
	ΔT	20	19	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	19	17	14	-																								
	kW	1.44	1.50	1.53	-	1.73	1.73	1.73	-	1.95	1.95	1.95	-	2.19	2.19	2.19	-	2.46	2.46	2.45	-	2.77	2.77	2.76	-																								
	Amps	5.1	5.3	5.5	-	6.4	6.4	6.4	-	7.3	7.3	7.3	-	8.4	8.4	8.4	-	9.5	9.5	9.5	-	10.9	10.9	10.9	-																								
	Hi PR	256	259	264	-	302	303	305	-	345	346	348	-	391	393	394	-	442	443	445	-	495	496	498	-																								
	Lo PR	121	122	127	-	130	131	134	-	136	138	141	-	142	143	146	-	147	148	152	-	154	155	158	-																								
	MBh	22.3	23.2	23.9	-	22.7	23.0	23.7	-	22.1	22.4	23.1	-	21.1	21.4	22.1	-	19.8	20.2	20.8	-	18.7	19.0	19.7	-																								
	S/T	0.68	0.61	0.47	-	0.69	0.61	0.47	-	0.72	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.73	0.59	-																								
	ΔT	19	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	16	15	12	-	17	16	13	-																								
	kW	1.52	1.55	1.54	-	1.74	1.74	1.74	-	1.96	1.96	1.96	-	2.20	2.20	2.20	-	2.47	2.47	2.46	-	2.78	2.78	2.78	-																								
	Amps	5.4	5.6	5.6	-	6.4	6.4	6.4	-	7.4	7.4	7.4	-	8.4	8.4	8.4	-	9.6	9.6	9.6	-	10.9	10.9	10.9	-																								
	Hi PR	261	264	266	-	305	306	308	-	348	349	351	-	394	395	397	-	444	445	447	-	498	499	501	-																								
	Lo PR	123	126	129	-	132	133	136	-	138	140	143	-	144	145	148	-	149	151	154	-	156	157	161	-																								
	MBh	23.3	23.6	24.3	-	23.1	23.4	24.1	-	22.5	22.8	23.5	-	21.5	21.8	22.5	-	20.3	20.6	21.3	-	19.1	19.5	20.1	-																								
	S/T	0.72	0.64	0.51	-	0.73	0.65	0.51	-	0.76	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.72	0.58	-	1.00	0.77	0.63	-																								
	ΔT	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	14	11	-	16	15	12	-																								
	kW	1.56	1.56	1.55	-	1.76	1.75	1.75	-	1.98	1.97	1.97	-	2.21	2.21	2.21	-	2.48	2.48	2.47	-	2.79	2.79	2.79	-																								
	Amps	5.6	5.6	5.6	-	6.5	6.5	6.5	-	7.4	7.4	7.4	-	8.5	8.5	8.5	-	9.6	9.6	9.6	-	11.0	11.0	11.0	-																								
	Hi PR	266	267	269	-	307	308	310	-	350	351	353	-	397	398	400	-	447	448	450	-	500	501	503	-																								
	Lo PR	127	128	131	-	134	136	139	-	141	142	145	-	146	148	151	-	152	153	156	-	158	160	163	-																								
75	MBh	21.3	22.3	23.5	24.6	22.3	22.7	23.3	24.4	21.8	22.1	22.7	23.8	20.7	21.1	21.7	22.8	19.5	19.8	20.5	21.5	18.4	18.7	19.4	20.4																								
	S/T	0.75	0.66	0.52	0.37	0.75	0.67	0.53	0.38	1.00	0.69	0.55	0.41	1.00	0.71	0.57	0.43	1.00	0.74	0.60	0.45	1.00	1.00	0.65	0.50																								
	ΔT	24	23	17	14	21	20	17	14	22	20	17	14	21	20	17	13	21	19	16	13	22	20	17	14																								
	kW	1.44	1.50	1.53	1.54	1.73	1.73	1.73	1.74	1.95	1.95	1.95	1.96	2.19	2.19	2.18	2.20	2.46	2.45	2.45	2.47	2.77	2.77	2.76	2.78																								
	Amps	5.1	5.3	5.5	5.6	6.4	6.4	6.4	6.4	7.3	7.3	7.3	7.4	8.4	8.4	8.3	8.4	9.5	9.5	9.5	9.6	10.9	10.9	10.9	10.9																								
	Hi PR	257	260	264	268	302	303	305	310	345	346	348	353	392	393	395	399	442	443	445	449	495	496	498	503																								
	Lo PR	121	122	127	132	130	131	134	139	136	138	141	146	142	143	146	151	147	148	152	157	154	155	158	164																								
	MBh	22.3	23.2	23.9	24.9	22.7	23.0	23.7	24.7	22.1	22.4	23.1	24.1	21.1	21.4	22.1	23.1	19.8	20.2	20.8	21.9	18.7	19.0	19.7	20.7																								
	S/T	0.82	0.74	0.60	0.45	0.82	0.74	0.61	0.46	1.00	0.77	0.63	0.48	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.53	1.00	1.00	0.73	0.58																								
	ΔT	23	19	15	12	20	18	15	12	20	19	16	13	20	18	15	12	20	18	15	12	21	19	16	13																								
	kW	1.52	1.54	1.54	1.56	1.74	1.74	1.74	1.75	1.96	1.96	1.96	1.97	2.20	2.20	2.20	2.21	2.47	2.47	2.46	2.48	2.78	2.78	2.78	2.79																								
	Amps	5.4	5.6	5.6	5.6	6.4	6.4	6.4	6.4	7.4	7.4	7.4	7.4	8.4	8.4	8.4	8.5	9.6	9.6	9.6	9.6	10.9	10.9	10.9	11.0																								
Hi PR	261	265	267	271	305	306	308	312	348	349	351	355	394	396	397	402	445	446	447	452	498	499	501	506																									
Lo PR	123	126	129	134	132	133	136	142	138	140	143	148	144	145	148	154	149	151	154	159	156	157	161	166																									
	MBh	23.3	23.7	24.3	25.4	23.1	23.4	24.1	25.2	22.5	22.9	23.5	24.6	21.5	21.8	22.5	23.5	20.3	20.6	21.3	22.3	19.2	19.5	20.1	21.2																								
	S/T	0.86	0.78	0.64	0.49	1.00	0.78	0.64	0.50	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	0.85	0.71	0.57	1.00	1.00	0.77	0.62																								
	ΔT	19	18	15	11	19	18	14	11	19	18	15	12	19	17	14	11	19	17	14	11	20	18	15	12																								
	kW	1.56	1.56	1.55	1.57	1.75	1.75	1.75	1.76	1.97	1.97	1.97	1.98	2.21	2.21	2.21	2.22	2.48	2.48	2.47	2.49	2.79	2.79	2.79	2.80																								
	Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.4	7.4	7.4	7.5	8.5	8.5	8.4	8.5	9.6	9.6	9.6	9.7	11.0	11.0	11.0	11.0																								
	Hi PR	266	267	269	274	307	308	310	315	351	352	353	358	397	398	400	405	447	448	450	455	501	502	504	508																								
	Lo PR	127	128	131	137	134	136	139	144	141	142	145	150	146	148	151	156	152	153	156	161	158	160	163	168																								
DB = Entering Indoor Dry Bulb Temperature		Shaded area is ACCA (TVA) conditions																								kW = Total system power																							
High and low pressures are measured at the liquid and suction service valves.																										Amps = outdoor unit amps (comp.+fan)																							

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	860	MBh	25.8	27.5	29.5	-	28.0	28.4	29.2	-	27.2	27.6	28.5	-	26.0	26.4	27.2	-	24.4	24.8	25.6	-	23.0	23.4	24.2	-			
		S/T	0.61	0.54	0.38	-	0.61	0.53	0.39	-	0.63	0.55	0.42	-	1.00	0.57	0.44	-	1.00	0.60	0.46	-	1.00	0.65	0.51	-			
		ΔT	20	18	13	-	17	16	13	-	18	16	13	-	17	16	13	-	17	16	13	-	18	17	14	-			
		kW	1.71	1.87	1.97	-	2.22	2.22	2.22	-	2.50	2.50	2.49	-	2.80	2.80	2.79	-	3.13	3.13	3.13	-	3.53	3.53	3.52	-			
		Amps	6.1	6.6	7.0	-	8.1	8.1	8.1	-	9.3	9.3	9.3	-	10.6	10.6	10.6	-	12.1	12.1	12.1	-	13.8	13.8	13.8	-			
		Hi PR	265	269	274	-	314	315	317	-	358	360	362	-	407	408	410	-	459	460	462	-	514	516	517	-			
		Lo PR	124	125	129	-	132	133	136	-	138	140	143	-	144	145	149	-	149	151	154	-	156	158	161	-			
70	1010	MBh	27.5	29.1	29.9	-	28.4	28.8	29.6	-	27.7	28.1	28.9	-	26.4	26.8	27.6	-	24.8	25.2	26.1	-	23.4	23.8	24.7	-			
		S/T	0.69	0.60	0.46	-	0.68	0.60	0.47	-	0.71	0.63	0.49	-	1.00	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.72	0.59	-			
		ΔT	19	15	12	-	16	15	12	-	16	15	12	-	16	15	12	-	16	14	11	-	17	15	12	-			
		kW	1.88	1.99	1.98	-	2.24	2.24	2.23	-	2.51	2.51	2.51	-	2.81	2.81	2.81	-	3.15	3.15	3.14	-	3.54	3.54	3.54	-			
		Amps	6.7	7.1	7.1	-	8.2	8.2	8.2	-	9.4	9.4	9.4	-	10.7	10.7	10.7	-	12.2	12.1	12.1	-	13.9	13.9	13.8	-			
		Hi PR	271	275	277	-	316	318	319	-	361	362	364	-	409	411	413	-	462	463	465	-	517	518	520	-			
		Lo PR	125	128	131	-	134	135	138	-	140	142	145	-	146	148	151	-	151	153	156	-	158	160	163	-			
1160	1160	MBh	29.2	29.6	30.4	-	28.9	29.3	30.2	-	28.2	28.6	29.4	-	26.9	27.3	28.2	-	25.4	25.8	26.6	-	24.0	24.4	25.2	-			
		S/T	0.71	0.64	0.50	-	0.72	0.64	0.51	-	0.75	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.71	0.57	-	1.00	0.76	0.62	-			
		ΔT	15	14	11	-	15	14	11	-	16	14	11	-	15	14	11	-	15	13	10	-	16	14	11	-			
		kW	2.00	2.00	2.00	-	2.25	2.25	2.24	-	2.53	2.53	2.52	-	2.83	2.83	2.82	-	3.16	3.16	3.16	-	3.56	3.55	3.55	-			
		Amps	7.2	7.2	7.1	-	8.2	8.2	8.2	-	9.5	9.4	9.4	-	10.8	10.7	10.7	-	12.2	12.2	12.2	-	13.9	13.9	13.9	-			
		Hi PR	276	277	279	-	319	320	322	-	364	365	367	-	412	413	415	-	464	465	467	-	520	521	523	-			
		Lo PR	129	130	133	-	136	138	141	-	143	144	148	-	148	150	153	-	154	155	159	-	161	162	165	-			

75	860	MBh	25.8	27.5	29.5	30.8	28.0	28.4	29.2	30.5	27.2	27.6	28.5	29.8	26.0	26.4	27.2	28.5	24.4	24.8	25.7	27.0	23.0	23.4	24.2	25.5
		S/T	0.75	0.67	0.52	0.37	0.74	0.66	0.52	0.38	1.00	0.69	0.55	0.40	1.00	0.70	0.57	0.42	1.00	0.73	0.59	0.44	1.00	1.00	0.64	0.50
		ΔT	24	22	16	13	21	19	16	13	21	20	17	13	21	19	16	13	21	19	16	13	22	20	17	14
		kW	1.71	1.87	1.97	1.98	2.22	2.22	2.21	2.23	2.50	2.50	2.49	2.51	2.80	2.80	2.79	2.81	3.13	3.13	3.13	3.15	3.53	3.52	3.52	3.54
		Amps	6.1	6.6	7.0	7.1	8.1	8.1	8.1	8.2	9.3	9.3	9.3	9.4	10.6	10.6	10.6	10.7	12.1	12.1	12.1	12.1	13.8	13.8	13.8	13.8
		Hi PR	265	269	274	279	314	315	317	322	359	360	362	366	407	408	410	415	459	460	462	467	515	516	518	522
	Lo PR	124	125	129	134	132	133	136	142	138	140	143	148	144	145	149	154	149	151	154	159	156	158	161	166	
	1010	MBh	27.5	29.1	29.9	31.2	28.4	28.8	29.7	31.0	27.7	28.1	28.9	30.2	26.4	26.8	27.7	28.9	24.9	25.3	26.1	27.4	23.4	23.8	24.7	26.0
		S/T	0.83	0.73	0.59	0.45	1.00	0.74	0.60	0.45	1.00	0.76	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.80	0.67	0.52	1.00	1.00	0.72	0.57
		ΔT	23	18	15	12	20	18	15	12	20	18	15	12	20	18	15	12	20	18	15	12	21	19	16	13
kW		1.88	1.99	1.98	2.00	2.24	2.23	2.23	2.25	2.51	2.51	2.51	2.53	2.81	2.81	2.81	2.83	3.15	3.15	3.14	3.16	3.54	3.54	3.54	3.55	
1160	Amps	6.6	7.1	7.1	7.2	8.2	8.2	8.2	8.2	9.4	9.4	9.4	9.4	10.7	10.7	10.7	10.7	12.1	12.1	12.1	12.2	13.9	13.9	13.8	13.9	
	Hi PR	271	275	277	282	317	318	320	324	361	363	365	369	410	411	413	418	462	463	465	470	517	519	520	525	
	Lo PR	125	128	131	136	134	135	138	144	140	142	145	150	146	148	151	156	152	153	156	162	158	160	163	168	
	MBh	29.2	29.6	30.5	31.7	29.0	29.4	30.2	31.5	28.2	28.6	29.5	30.8	26.9	27.3	28.2	29.5	25.4	25.8	26.6	27.9	24.0	24.4	25.2	26.5	
	S/T	0.84	0.77	0.63	0.48	1.00	0.77	0.64	0.49	1.00	0.80	0.66	0.52	1.00	0.82	0.68	0.54	1.00	1.00	0.70	0.56	1.00	1.00	0.76	0.61	
	ΔT	19	17	14	11	19	17	14	11	19	17	14	11	19	17	14	11	19	17	14	11	20	18	15	12	
	kW	2.00	2.00	1.99	2.01	2.25	2.25	2.24	2.26	2.53	2.52	2.52	2.54	2.83	2.82	2.82	2.84	3.16	3.16	3.15	3.17	3.55	3.55	3.55	3.57	
	Amps	7.2	7.2	7.1	7.2	8.2	8.2	8.2	8.3	9.4	9.4	9.4	9.5	10.7	10.7	10.7	10.8	12.2	12.2	12.2	12.3	13.9	13.9	13.9	14.0	
	Hi PR	276	278	280	284	319	320	322	327	364	365	367	372	412	414	415	420	464	466	468	472	520	521	523	528	
	Lo PR	129	130	133	139	136	138	141	146	143	144	148	153	148	150	153	158	154	155	159	164	161	162	166	171	

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

Amps = outdoor unit amps (comp.+fan)

IDB		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																																			
				65°F						75°F						85°F						95°F						105°F						115°F					
				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								
80	860	MBh	25.9	27.6	29.6	30.9	28.1	28.5	29.4	30.7	27.4	27.8	28.6	29.9	26.1	26.5	27.4	28.7	24.6	25.0	25.8	27.1	23.2	23.5	24.4	25.7													
		S/T	1.00	0.80	0.64	0.50	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.53	1.00	1.00	0.69	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.77	0.62													
		ΔT	28	26	20	17	24	23	20	17	25	23	20	17	24	23	20	17	24	23	20	17	25	24	21	18													
		kW	1.71	1.87	1.97	1.99	2.22	2.22	2.22	2.23	2.23	2.50	2.50	2.49	2.51	2.80	2.80	2.79	2.81	3.13	3.13	3.13	3.15	3.53	3.52	3.52	3.54												
		Amps	6.1	6.6	7.0	7.1	8.1	8.1	8.1	8.2	8.2	9.3	9.3	9.3	9.4	10.6	10.6	10.6	10.7	12.1	12.1	12.1	12.1	13.8	13.8	13.8	13.9												
		Hi PR	266	270	275	279	314	316	317	322	322	359	360	362	367	407	409	411	415	460	461	463	467	515	516	518	523												
80	1010	Lo PR	124	125	129	135	132	134	137	142	139	140	143	149	144	146	149	154	150	151	155	160	157	158	161	167													
		MBh	27.7	29.2	30.1	31.4	28.6	29.0	29.8	31.1	27.8	28.2	29.1	30.4	26.6	27.0	27.8	29.1	25.0	25.4	26.2	27.5	23.6	24.0	24.8	26.1													
		S/T	1.00	0.86	0.72	0.57	1.00	0.86	0.73	0.58	1.00	0.89	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.84	0.70													
		ΔT	27	22	19	16	23	22	19	16	23	22	19	16	23	22	19	16	23	21	18	15	24	22	19	16													
		kW	1.88	1.99	1.98	2.00	2.24	2.24	2.23	2.25	2.25	2.51	2.51	2.51	2.53	2.81	2.81	2.81	2.83	3.15	3.15	3.14	3.16	3.54	3.54	3.54	3.56												
		Amps	6.7	7.1	7.1	7.2	8.2	8.2	8.2	8.2	8.2	9.4	9.4	9.4	9.4	10.7	10.7	10.7	10.8	12.2	12.1	12.1	12.2	13.9	13.9	13.8	13.9												
80	1160	Hi PR	271	275	277	282	317	318	320	325	362	363	365	370	410	411	413	418	462	463	465	470	518	519	521	526													
		Lo PR	126	128	131	137	134	136	139	144	141	142	146	151	147	148	151	157	152	154	157	162	159	160	164	169													
		MBh	29.4	29.8	30.6	31.9	29.1	29.5	30.3	31.6	28.4	28.8	29.6	30.9	27.1	27.5	28.3	29.6	25.5	25.9	26.8	28.1	24.1	24.5	25.4	26.7													
		S/T	1.00	0.89	0.76	0.61	1.00	0.90	0.76	0.62	1.00	0.93	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.69	1.00	1.00	0.88	0.74													
		ΔT	22	21	18	15	22	21	18	15	23	21	18	15	22	21	18	15	22	20	18	14	23	21	19	15													
		kW	2.00	2.00	2.00	2.01	2.25	2.25	2.24	2.26	2.53	2.52	2.52	2.54	2.83	2.82	2.82	2.84	3.16	3.16	3.16	3.17	3.56	3.55	3.55	3.57													
85	860	Amps	7.2	7.2	7.1	7.2	8.2	8.2	8.2	8.3	9.4	9.4	9.4	9.5	10.8	10.7	10.7	10.8	12.2	12.2	12.2	12.3	13.9	13.9	13.9	14.0													
		Hi PR	277	278	280	285	320	321	323	328	365	366	368	372	413	414	416	421	465	466	468	473	520	522	524	528													
		Lo PR	129	131	134	139	137	138	141	147	143	145	148	153	149	151	154	159	154	156	159	164	161	163	166	171													
		MBh	26.4	28.1	30.1	31.4	28.6	29.0	29.9	31.1	27.9	28.3	29.1	30.4	26.6	27.0	27.8	29.1	25.0	25.4	26.3	27.6	23.6	24.0	24.9	26.2													
		S/T	1.00	0.91	0.75	0.60	1.00	1.00	0.75	0.61	1.00	1.00	0.78	0.63	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	1.00	0.73													
		ΔT	32	30	23	20	28	26	23	20	28	26	23	20	28	26	23	20	27	26	23	20	28	27	24	21													
85	1010	kW	1.72	1.87	1.97	1.99	2.23	2.22	2.22	2.24	2.50	2.50	2.50	2.52	2.80	2.80	2.80	2.82	3.14	3.14	3.13	3.15	3.53	3.53	3.53	3.54													
		Amps	6.1	6.6	7.0	7.1	8.1	8.1	8.1	8.2	9.3	9.3	9.3	9.4	10.7	10.6	10.6	10.7	12.1	12.1	12.1	12.2	13.8	13.8	13.8	13.9													
		Hi PR	267	271	276	281	316	317	319	323	360	362	364	368	409	410	412	417	461	462	464	469	516	518	519	524													
		Lo PR	126	127	131	136	134	136	139	144	141	142	145	151	146	148	151	156	152	153	156	162	159	160	163	169													
		MBh	28.1	29.7	30.5	31.8	29.0	29.4	30.3	31.6	28.3	28.7	29.5	30.8	27.0	27.4	28.3	29.6	25.5	25.9	26.7	28.0	24.1	24.5	25.3	26.6													
		S/T	1.00	0.96	0.82	0.68	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	1.00	0.75	1.00	1.00	1.00	0.80													
85	1160	ΔT	30	25	22	19	26	25	22	19	27	25	22	19	26	25	22	19	26	25	22	19	27	26	23	20													
		kW	1.89	1.99	1.99	2.01	2.24	2.24	2.24	2.25	2.52	2.52	2.51	2.53	2.82	2.82	2.81	2.83	3.15	3.15	3.15	3.17	3.55	3.55	3.54	3.56													
		Amps	6.7	7.1	7.1	7.2	8.2	8.2	8.2	8.3	9.4	9.4	9.4	9.5	10.7	10.7	10.7	10.8	12.2	12.2	12.1	12.2	13.9	13.9	13.9	13.9													
		Hi PR	273	277	279	283	318	320	321	326	363	364	366	371	411	413	415	419	464	465	467	471	519	520	522	527													
		Lo PR	128	130	133	139	136	138	141	146	143	144	148	153	148	150	153	158	154	155	159	164	161	162	166	171													
		MBh	29.8	30.2	31.1	32.4	29.6	30.0	30.8	32.1	28.8	29.2	30.1	31.4	27.6	28.0	28.8	30.1	26.0	26.4	27.3	28.6	24.6	25.0	25.8	27.1													
85	1160	S/T	1.00	1.00	0.86	0.71	1.00	1.00	0.87	0.72	1.00	1.00	0.89	0.75	1.00	1.00	0.91	0.77	1.00	1.00	1.00	0.79	1.00	1.00	1.00	0.84													
		ΔT	25	24	21	18	25	24	21	18	26	24	21	18	25	24	21	18	25	24	21	18	26	25	22	19													
		kW	2.01	2.00	2.00	2.02	2.25	2.25	2.25	2.27	2.53	2.53	2.53	2.54	2.83	2.83	2.83	2.84	3.17	3.16	3.16	3.18	3.56	3.56	3.55	3.57													
		Amps	7.2	7.2	7.2	7.2	8.3	8.3	8.2	8.3	9.5	9.5	9.4	9.5	10.8	10.8	10.7	10.8	12.2	12.2	12.2	12.3	13.9	13.9	13.9	14.0													
		Hi PR	278	279	281	286	321	322	324	329	366	367	369	374	414	415	417	422	466	467	469	474	522	523	525	530													
		Lo PR	131	133	136	141	139	140	143	149	145	147	150	155	151	152	156	161	156	158	161	166	163	165	168	173													
Shaded area is AHRI conditions.																								kW = Total system power															
DB = Entering Indoor Dry Bulb Temperature																												Ampos = outdoor unit amps (comp.+fan)											
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							
		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	1070	MBh	30.8	32.9	34.5	36.0	32.8	33.2	34.2	35.7	31.9	32.4	33.4	34.9	30.4	30.9	31.9	33.4	28.6	29.1	30.1	31.6	27.0	27.4	28.4	27.9	27.0	27.4	28.4	27.9																			
		S/T	0.90	0.81	0.62	0.48	1.00	0.76	0.63	0.49	1.00	0.79	0.66	0.51	1.00	0.81	0.68	0.53	1.00	1.00	0.70	0.56	1.00	1.00	0.75	0.65	1.00	1.00	0.75	0.65																			
		ΔT	27	25	18	15	22	21	18	15	22	21	18	15	22	21	18	15	22	21	18	15	23	22	19	19	23	22	19	19																			
		kW	2.05	2.21	2.30	2.32	2.60	2.60	2.59	2.62	2.93	2.93	2.93	2.95	3.29	3.29	3.29	3.31	3.70	3.69	3.69	3.71	4.17	4.17	4.16	3.69	4.17	4.17	4.16	3.69																			
		Amps	7.5	8.1	8.3	8.4	9.7	9.6	9.6	9.7	11.1	11.1	11.1	11.2	12.7	12.7	12.7	12.6	12.7	14.4	14.4	14.4	14.5	16.5	16.5	16.4	14.6	16.5	16.4	14.6																			
	1260	Hi PR	267	270	275	280	315	316	318	322	360	361	363	367	408	409	411	416	460	461	463	468	516	517	519	513	516	517	519	513																			
		Lo PR	122	122	126	132	129	131	134	139	136	137	140	145	141	143	146	151	146	148	151	156	153	155	158	163	153	155	158	163																			
		MBh	32.9	34.1	35.0	36.5	33.3	33.8	34.7	36.2	32.4	32.9	33.9	35.4	30.9	31.4	32.4	33.9	29.1	29.6	30.6	32.1	27.5	28.0	28.9	28.3	27.5	28.0	28.9	28.3																			
		S/T	1.00	0.83	0.70	0.56	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.82	0.74	1.00	1.00	0.82	0.74																			
		ΔT	26	20	17	14	21	20	17	14	21	20	17	14	21	20	17	14	21	20	17	14	22	20	18	18	22	20	18	18																			
1450	kW	2.23	2.32	2.32	2.34	2.62	2.62	2.61	2.64	2.95	2.95	2.95	2.97	3.31	3.31	3.33	3.33	3.72	3.71	3.71	3.73	4.19	4.19	4.18	3.70	4.19	4.19	4.18	3.70																				
	Amps	8.2	8.4	8.4	8.5	9.7	9.7	9.7	9.8	11.2	11.2	11.1	11.2	12.7	12.7	12.7	12.8	14.5	14.5	14.5	14.6	16.5	16.5	16.5	14.7	16.5	16.5	16.5	14.7																				
	Hi PR	272	276	278	282	317	319	321	325	362	364	365	370	411	412	414	419	463	464	466	471	518	520	522	516	518	520	522	516																				
	Lo PR	123	125	128	134	131	133	136	141	138	139	142	148	143	145	148	153	149	150	153	158	155	157	160	165	155	157	160	165																				
	MBh	34.2	34.7	35.7	37.2	33.9	34.4	35.4	36.9	33.1	33.5	34.5	36.0	31.6	32.1	33.0	34.5	29.8	30.2	31.2	32.7	28.1	28.6	29.6	28.9	28.1	28.6	29.6	28.9																				
85	1070	S/T	1.00	0.87	0.74	0.60	1.00	0.88	0.74	0.60	1.00	0.90	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.81	0.67	1.00	1.00	0.86	0.78	1.00	1.00	0.86	0.78																			
		ΔT	20	19	16	13	20	19	16	13	21	19	16	14	20	19	16	13	20	19	16	13	21	20	17	17	21	20	17	17																			
		kW	2.34	2.34	2.33	2.35	2.64	2.63	2.63	2.65	2.97	2.97	2.96	2.98	3.33	3.33	3.32	3.34	3.73	3.73	3.72	3.75	4.20	4.20	4.20	3.72	4.20	4.20	4.20	3.72																			
		Amps	8.5	8.5	8.5	8.6	9.8	9.8	9.8	9.9	11.2	11.2	11.2	11.3	12.8	12.8	12.8	12.9	14.6	14.6	14.5	14.6	16.6	16.6	16.6	14.7	16.6	16.6	16.6	14.7																			
		Hi PR	277	279	280	285	320	321	323	328	365	366	368	373	413	415	417	421	466	467	469	473	521	522	524	519	521	522	524	519																			
	1450	Lo PR	126	128	131	136	134	135	138	143	140	142	145	150	146	147	150	155	151	153	156	161	158	159	162	168	158	159	162	168																			
		MBh	31.3	33.4	35.1	36.6	33.3	33.8	34.8	36.3	32.5	32.9	33.9	35.4	31.0	31.5	32.4	33.9	29.2	29.6	30.6	32.1	27.5	28.0	29.0	28.4	27.5	28.0	29.0	28.4																			
		S/T	1.00	0.92	0.72	0.58	1.00	0.87	0.73	0.59	1.00	1.00	0.76	0.61	1.00	1.00	0.78	0.63	1.00	1.00	0.80	0.66	1.00	1.00	1.00	0.76	1.00	1.00	1.00	0.76																			
		ΔT	30	29	21	18	25	24	21	18	25	24	21	18	25	24	21	18	25	23	21	18	26	24	22	23	26	24	22	23																			
		kW	2.05	2.21	2.30	2.32	2.61	2.61	2.60	2.62	2.94	2.94	2.93	2.96	3.30	3.30	3.29	3.32	3.70	3.70	3.69	3.72	4.17	4.17	4.17	3.69	4.17	4.17	4.17	3.69																			
1260	Amps	7.5	8.2	8.3	8.4	9.7	9.7	9.6	9.7	11.1	11.1	11.1	11.2	12.7	12.7	12.7	12.8	14.4	14.4	14.4	14.5	16.5	16.5	16.5	14.6	16.5	16.5	16.5	14.6																				
	Hi PR	268	271	276	281	316	317	319	324	361	362	364	369	409	410	412	417	461	462	464	469	517	518	520	515	517	518	520	515																				
	Lo PR	124	124	128	133	131	132	136	141	137	139	142	147	143	144	148	153	148	150	153	158	155	157	160	165	155	157	160	165																				
	MBh	33.5	34.6	35.6	37.1	33.8	34.3	35.3	36.8	33.0	33.5	34.4	35.9	31.5	32.0	33.0	34.5	29.7	30.2	31.1	32.6	28.0	28.5	29.5	28.9	28.0	28.5	29.5	28.9																				
	S/T	1.00	0.93	0.80	0.66	1.00	0.94	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	1.00	0.84	1.00	1.00	1.00	0.84																				
1450	ΔT	29	23	20	17	24	23	20	17	24	23	20	17	24	23	20	17	24	22	20	17	25	23	21	21	25	23	21	21																				
	kW	2.23	2.33	2.32	2.34	2.63	2.62	2.62	2.64	2.96	2.96	2.95	2.97	3.32	3.32	3.31	3.33	3.72	3.72	3.71	3.74	4.19	4.19	4.19	3.71	4.19	4.19	4.19	3.71																				
	Amps	8.2	8.5	8.4	8.5	9.8	9.7	9.7	9.8	11.2	11.2	11.2	11.3	12.8	12.8	12.7	12.8	14.5	14.5	14.5	14.6	16.6	16.6	16.5	14.7	16.6	16.6	16.5	14.7																				
	Hi PR	273	277	279	284	319	320	322	327	364	365	367	371	412	413	415	420	464	465	467	472	520	521	523	517	520	521	523	517																				
	Lo PR	125	127	130	135	133	135	138	143	140	141	144	149	145	147	150	155	150	152	155	160	157	159	162	167	157	159	162	167																				
1450	MBh	34.8	35.2	36.2	37.7	34.5	35.0	35.9	37.4	33.6	34.1	35.1	36.6	32.1	32.6	33.6	35.1	30.3	30.8	31.8	33.3	28.7	29.1	30.1	29.4	28.7	29.1	30.1	29.4																				
	S/T	1.00	0.97	0.84	0.70	1.00	1.00	0.84	0.70	1.00	1.00	0.87	0.73	1.00	1.00	0.89	0.75	1.00	1.00	0.91	0.77	1.00	1.00	1.00	0.88	1.00	1.00	1.00	0.88																				
	ΔT	23	22	19	16	23	22	19	16	23	22	19	16	23	22	19	16	23	21	19	16	24	22	20	20	24	22	20	20																				
	kW	2.34	2.34	2.34	2.36	2.64	2.64	2.63	2.66	2.97	2.97	2.97	2.99	3.33	3.33	3.33	3.35	3.74	3.73	3.73	3.75	4.21	4.21	4.20	3.72	4.21	4.21	4.20	3.72																				
	Amps	8.5	8.5	8.5	8.6	9.8	9.8	9.8	9.9	11.3	11.3	11.2	11.3	12.8	12.8	12.8	12.9	14.6	14.6	14.6	14.7	16.6	16.6	16.6	14.8	16.6	16.6	16.6	14.8																				
1450	Hi PR	279	280	282	286	321	323	325	329	366	368	369	374	415	416	418	423	467	468	470	475	522	524	526	520	522	524	526	520																				
	Lo PR	128	130	133	138	136	137	140	145	142	144	147	152	147	149	152	157	153	154	157	163	160	161	164	169	160	161	164	169																				
	kW = Total system power Amperes = outdoor unit amperes (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	520	MBh	16.6	16.9	17.4	16.5	16.7	17.2		16.1	16.3	16.8		15.3	15.6	16.0		14.4	14.6	15.1		13.6	13.8	14.3	
		S/T	0.62	0.54	0.40	0.62	0.54	0.40		0.65	0.57	0.43		1.00	0.59	0.45		1.00	0.61	0.47		1.00	0.67	0.52	
		ΔT	18	16	13	18	16	13		18	16	13		18	16	13		18	16	13		19	17	14	
		kW	1.06	1.06	1.05	1.19	1.19	1.19		1.34	1.34	1.33		1.50	1.50	1.49		1.68	1.68	1.67		1.89	1.89	1.88	
		Amps	3.8	3.8	3.8	4.4	4.4	4.4		5.0	5.0	5.0		5.7	5.7	5.7		6.5	6.5	6.5		7.4	7.4	7.4	
610		Hi PR	242	243	245	280	281	283		320	322	323		364	365	366		410	411	413		460	461	463	
		Lo PR	126	127	130	133	135	138		140	142	145		146	147	151		151	153	156		158	160	163	
		MBh	16.9	17.1	17.6	16.8	17.0	17.5		16.3	16.6	17.1		15.6	15.8	16.3		14.7	14.9	15.4		13.8	14.1	14.6	
		S/T	0.69	0.61	0.47	0.70	0.62	0.48		0.73	0.65	0.51		1.00	0.67	0.53		1.00	0.69	0.55		1.00	0.74	0.60	
		ΔT	17	15	12	17	15	12		17	15	12		17	15	12		16	15	12		17	16	13	
700		kW	1.07	1.06	1.06	1.20	1.20	1.19		1.35	1.35	1.34		1.51	1.51	1.50		1.69	1.68	1.68		1.90	1.89	1.89	
		Amps	3.9	3.8	3.8	4.4	4.4	4.4		5.1	5.1	5.1		5.8	5.8	5.8		6.5	6.5	6.5		7.5	7.5	7.4	
		Hi PR	245	246	247	283	284	286		323	324	326		366	367	369		413	414	415		462	463	465	
		Lo PR	128	129	133	136	137	140		142	144	147		148	149	153		153	155	158		160	162	165	
		MBh	17.2	17.5	18.0	17.1	17.3	17.8		16.6	16.9	17.4		15.9	16.1	16.6		15.0	15.2	15.7		14.1	14.4	14.9	
700		S/T	0.73	0.65	0.51	0.74	0.66	0.52		1.00	0.69	0.54		1.00	0.71	0.56		1.00	0.73	0.59		1.00	1.00	0.64	
		ΔT	16	14	11	16	14	11		16	14	11		16	14	11		15	14	11		16	15	12	
		kW	1.07	1.07	1.07	1.20	1.20	1.20		1.35	1.35	1.35		1.51	1.51	1.51		1.69	1.69	1.69		1.90	1.90	1.90	
		Amps	3.9	3.9	3.9	4.5	4.5	4.4		5.1	5.1	5.1		5.8	5.8	5.8		6.6	6.6	6.6		7.5	7.5	7.5	
		Hi PR	247	248	250	285	286	288		325	326	328		368	369	371		415	416	418		465	466	467	
		Lo PR	130	132	135	138	140	143		145	146	149		150	152	155		156	158	161		163	164	168	

520	MBh	16.7	16.9	17.4	18.2	16.5	16.7	17.2	18.0	16.1	16.3	16.8	17.6	15.3	15.6	16.1	16.8	14.4	14.6	15.1	15.9	13.6	13.8	14.3	15.1
	S/T	0.75	0.67	0.53	0.38	1.00	0.68	0.54	0.39	1.00	0.70	0.56	0.41	1.00	0.72	0.58	0.43	1.00	0.75	0.61	0.46	1.00	1.00	0.66	0.51
	ΔT	21	20	17	14	21	20	17	14	22	20	17	14	21	20	17	14	21	19	16	13	22	21	17	14
	kW	1.06	1.06	1.05	1.06	1.19	1.19	1.19	1.20	1.34	1.34	1.33	1.34	1.50	1.50	1.49	1.50	1.68	1.68	1.67	1.68	1.89	1.89	1.88	1.89
	Amps	3.8	3.8	3.8	3.8	4.4	4.4	4.4	4.4	5.0	5.0	5.0	5.1	5.7	5.7	5.7	5.8	6.5	6.5	6.5	6.5	7.4	7.4	7.4	7.5
75	520	Hi PR	242	243	245	249	281	282	283	321	322	323	328	364	365	367	371	410	411	413	417	460	461	463	467
	Lo PR	126	127	130	136	133	135	138	144	140	142	145	150	146	147	151	156	151	153	156	161	158	160	163	168
	MBh	16.9	17.1	17.6	18.4	16.8	17.0	17.5	18.3	16.3	16.6	17.1	17.8	15.6	15.8	16.3	17.1	14.7	14.9	15.4	16.2	13.8	14.1	14.6	15.3
	S/T	0.83	0.75	0.61	0.46	1.00	0.75	0.61	0.46	1.00	0.78	0.64	0.49	1.00	0.80	0.66	0.51	1.00	1.00	0.68	0.53	1.00	1.00	0.74	0.59
	ΔT	20	19	16	12	20	19	15	12	20	19	16	13	20	19	15	12	20	18	15	12	21	19	16	13
700	520	kW	1.06	1.06	1.06	1.07	1.20	1.20	1.19	1.20	1.35	1.34	1.35	1.51	1.50	1.50	1.51	1.68	1.68	1.68	1.69	1.89	1.89	1.89	1.90
	Amps	3.9	3.8	3.8	3.9	4.4	4.4	4.4	4.4	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.5	6.5	6.5	6.6	7.5	7.5	7.4	7.5
	Hi PR	245	246	248	252	283	284	286	290	323	324	326	330	366	367	369	373	413	414	416	420	463	464	465	469
	Lo PR	128	129	133	138	136	137	140	146	142	144	147	152	148	150	153	158	154	155	158	164	161	162	165	171
	MBh	17.2	17.5	18.0	18.7	17.1	17.3	17.8	18.6	16.6	16.9	17.4	18.1	15.9	16.1	16.6	17.4	15.0	15.2	15.7	16.5	14.1	14.4	14.9	15.6
700	520	S/T	0.87	0.79	0.65	0.50	1.00	0.79	0.65	1.00	0.82	0.68	0.53	1.00	0.84	0.70	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.78	0.63
	ΔT	19	18	15	11	19	18	15	11	19	18	15	12	19	18	15	11	19	17	14	11	20	18	15	12
	kW	1.07	1.07	1.07	1.08	1.20	1.20	1.20	1.21	1.35	1.35	1.35	1.36	1.51	1.51	1.51	1.52	1.69	1.69	1.69	1.70	1.90	1.90	1.90	1.91
	Amps	3.9	3.9	3.9	3.9	4.5	4.5	4.4	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.5
	Hi PR	247	248	250	254	285	286	288	292	325	327	328	332	369	370	371	376	415	416	418	422	465	466	468	472
	Lo PR	130	132	135	140	138	140	143	148	145	146	149	155	150	152	155	161	156	158	161	166	163	165	168	173

IDB = Entering Indoor Dry Bulb Temperature

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

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

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						
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
80	MBh	520	16.7	17.0	17.5	18.2	16.6	16.8	17.3	18.1	16.2	16.4	16.9	17.7	15.4	15.6	16.1	16.9	14.5	14.7	15.2	16.0	14.5	14.7	15.2	16.0	13.7	13.9	14.4	15.2	13.9	14.1	14.6	15.4
	S/T		1.00	0.80	0.66	0.51	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	1.00	0.71	0.56	1.00	1.00	0.74	0.59	1.00	1.00	0.74	0.59	1.00	1.00	0.79	0.64	1.00	1.00	0.79	0.64
	ΔT		25	23	20	17	25	23	20	17	25	24	21	17	25	23	20	17	25	23	20	17	25	23	20	17	26	24	21	18	26	24	21	18
	kW		1.06	1.06	1.05	1.06	1.19	1.19	1.19	1.20	1.34	1.34	1.33	1.34	1.50	1.50	1.49	1.50	1.68	1.68	1.67	1.68	1.68	1.68	1.67	1.68	1.89	1.89	1.88	1.89	1.89	1.89	1.88	1.89
	Amps		3.8	3.8	3.8	3.8	4.4	4.4	4.4	4.4	5.0	5.0	5.0	5.1	5.7	5.7	5.7	5.8	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.5
	Hi PR		243	244	246	250	281	282	284	288	321	322	324	328	364	365	367	371	411	412	414	418	461	462	463	467	461	462	463	467	461	462	463	467
85	Lo PR		126	128	131	136	134	136	139	144	141	142	145	151	146	148	151	156	152	153	157	162	159	160	164	169	159	160	164	169	164	165	168	174
	MBh		17.0	17.2	17.7	18.5	16.9	17.1	17.6	18.3	16.4	16.7	17.1	17.9	15.7	15.9	16.4	17.2	14.7	15.0	15.5	16.2	14.7	15.0	15.5	16.2	13.9	14.1	14.6	15.4	13.9	14.1	14.6	15.4
	S/T		1.00	0.88	0.74	0.59	1.00	0.89	0.74	0.60	1.00	0.91	0.77	0.62	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.81	0.66	1.00	1.00	0.87	0.72	1.00	1.00	0.87	0.72
	ΔT		24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	25	23	20	17	25	23	20	17
	kW		1.07	1.06	1.06	1.07	1.20	1.20	1.19	1.20	1.35	1.34	1.34	1.35	1.51	1.51	1.51	1.51	1.69	1.68	1.68	1.69	1.69	1.68	1.68	1.69	1.90	1.89	1.89	1.90	1.90	1.89	1.89	1.90
	Amps		3.9	3.8	3.8	3.9	4.4	4.4	4.4	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.5	6.5	6.5	6.6	6.6	6.5	6.5	6.6	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
700	Hi PR		245	246	248	252	283	285	286	290	324	325	326	331	367	368	369	374	413	414	416	420	463	464	466	470	463	464	466	470	463	464	466	470
	Lo PR		128	130	133	139	136	138	141	146	143	144	148	153	149	150	153	159	154	156	159	164	161	163	166	171	161	163	166	171	161	163	166	171
	MBh		17.3	17.6	18.1	18.8	17.2	17.4	17.9	18.7	16.7	17.0	17.5	18.2	16.0	16.2	16.7	17.5	15.1	15.3	15.8	16.6	14.2	14.5	15.0	15.7	14.2	14.4	14.9	15.7	14.2	14.4	14.9	15.7
	S/T		1.00	0.92	0.78	0.63	1.00	0.92	0.78	0.63	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.70	1.00	1.00	0.85	0.70	1.00	1.00	0.87	0.76	1.00	1.00	0.87	0.76
	ΔT		23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	24	22	19	16	24	22	19	16	24	22	19	16
	kW		1.07	1.07	1.07	1.08	1.20	1.20	1.20	1.21	1.35	1.35	1.35	1.36	1.51	1.51	1.51	1.52	1.69	1.69	1.69	1.70	1.90	1.90	1.90	1.91	1.90	1.90	1.90	1.91	1.90	1.90	1.91	1.91
520	Amps		3.9	3.9	3.9	3.9	4.5	4.5	4.4	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
	Hi PR		248	249	250	255	286	287	289	293	326	327	329	333	369	370	372	376	416	417	418	423	465	466	468	472	465	466	468	472	465	466	468	472
	Lo PR		131	132	136	141	139	140	143	149	145	147	150	155	151	153	156	161	157	158	161	167	164	165	168	174	164	165	168	174	164	165	168	174
	MBh		17.0	17.3	17.8	18.5	16.9	17.1	17.6	18.4	16.4	16.7	17.2	17.9	15.7	15.9	16.4	17.2	14.8	15.0	15.5	16.3	13.9	14.2	14.7	15.4	13.9	14.2	14.7	15.4	13.9	14.2	14.7	15.4
	S/T		1.00	0.91	0.77	0.62	1.00	1.00	0.77	0.62	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.80	0.69	1.00	1.00	0.80	0.69	1.00	1.00	0.80	0.75	1.00	1.00	0.80	0.75
	ΔT		28	27	24	20	28	27	23	20	28	27	24	21	28	27	23	20	28	26	23	20	29	27	24	21	29	27	24	21	29	27	24	21
610	kW		1.06	1.06	1.06	1.07	1.19	1.19	1.19	1.20	1.34	1.34	1.34	1.35	1.50	1.50	1.50	1.51	1.68	1.68	1.68	1.69	1.89	1.89	1.89	1.90	1.89	1.89	1.89	1.90	1.89	1.89	1.90	1.90
	Amps		3.8	3.8	3.8	3.9	4.4	4.4	4.4	4.4	5.0	5.0	5.0	5.1	5.7	5.7	5.7	5.8	6.5	6.5	6.5	6.6	7.4	7.4	7.4	7.5	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.5
	Hi PR		244	245	247	251	282	283	285	289	322	323	325	329	365	366	368	372	412	413	415	419	462	463	464	469	462	463	464	469	462	463	464	469
	Lo PR		128	130	133	138	136	137	141	146	143	144	147	153	148	150	153	158	154	155	159	164	161	162	166	171	161	162	166	171	161	162	166	171
	MBh		17.3	17.5	18.0	18.8	17.1	17.4	17.9	18.6	16.7	16.9	17.4	18.2	15.9	16.2	16.7	17.4	15.0	15.3	15.8	16.5	14.2	14.4	14.9	15.7	14.2	14.4	14.9	15.7	14.2	14.4	14.9	15.7
	S/T		1.00	0.98	0.84	0.69	1.00	1.00	0.85	0.70	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.75	1.00	1.00	0.88	0.77	1.00	1.00	0.88	0.77	1.00	1.00	0.88	0.82	1.00	1.00	0.82	0.77
700	ΔT		27	25	22	19	27	25	22	19	27	26	23	19	27	25	22	19	27	25	22	19	28	26	23	20	28	26	23	20	28	26	23	20
	kW		1.07	1.07	1.06	1.07	1.20	1.20	1.20	1.21	1.35	1.35	1.35	1.36	1.51	1.51	1.51	1.52	1.69	1.69	1.68	1.69	1.90	1.90	1.89	1.90	1.90	1.90	1.89	1.90	1.90	1.89	1.90	1.90
	Amps		3.9	3.9	3.9	3.9	4.4	4.4	4.4	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.6	6.6	6.5	6.6	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
	Hi PR		246	247	249	253	285	286	287	292	325	326	327	332	368	369	371	375	414	415	417	421	464	465	467	471	464	465	467	471	464	465	467	471
	Lo PR		130	132	135	140	138	140	143	148	145	146	149	155	150	152	155	161	156	158	161	166	163	165	168	173	163	165	168	173	163	165	168	173
	MBh		17.6	17.8	18.3	19.1	17.4	17.7	18.2	18.9	17.0	17.2	17.7	18.5	16.3	16.5	17.0	17.8	15.3	15.6	16.1	16.8	14.5	14.7	15.2	16.0	14.5	14.7	15.2	16.0	14.5	14.7	15.2	16.0
85	S/T		1.00	1.00	0.88	0.73	1.00	1.00	0.89	0.74	1.00	1.00	0.91	0.77	1.00	1.00	0.93	0.79	1.00	1.00	0.81	0.81	1.00	1.00	0.81	0.81	1.00	1.00	0.86	0.86	1.00	1.00	0.86	0.86
	ΔT		26	24	21	18	26	24	21	18	26	25	22	18	26	24	21	18	26	24	21	18	27	25	22	19	27	25	22	19	27	25	22	19
	kW		1.07	1.07	1.07	1.08	1.21	1.21	1.20	1.21	1.36	1.35	1.35	1.36	1.52	1.51	1.51	1.52	1.69	1.69	1.69	1.70	1.90	1.90	1.90	1.91	1.90	1.90	1.90	1.91	1.90	1.90	1.91	1.91
	Amps		3.9	3.9	3.9	3.9	4.5	4.5	4.5	4.5																								

		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
680	MBh	22.1	22.4	23.1		21.9	22.2	22.9		21.3	21.7	22.3		20.4	20.7	21.3		19.1	19.4	20.1		18.0	18.3	19.0	
	S/T	0.61	0.53	0.39		0.61	0.53	0.40		0.64	0.56	0.42		0.66	0.58	0.44		1.00	0.60	0.46		1.00	0.66	0.52	
	ΔT	18	16	13		18	16	13		18	16	13		18	16	13		18	16	13		19	17	14	
	kW	1.55	1.55	1.54		1.75	1.75	1.74		1.97	1.97	1.97		2.21	2.21	2.21		2.48	2.48	2.48		2.80	2.80	2.79	
	Amps	5.6	5.6	5.6		6.5	6.4	6.4		7.4	7.4	7.4		8.5	8.5	8.4		9.6	9.6	9.6		11.0	11.0	11.0	
	Hi PR	261	262	264		302	303	305		345	346	348		391	392	394		441	443	444		495	496	498	
70	Lo PR	121	123	126		129	130	134		135	137	140		141	142	145		146	148	151		153	155	158	
	MBh	22.5	22.8	23.4		22.3	22.6	23.2		21.7	22.0	22.7		20.7	21.0	21.7		19.5	19.8	20.5		18.4	18.7	19.3	
	S/T	0.68	0.61	0.47		0.69	0.61	0.47		0.72	0.64	0.50		0.74	0.66	0.52		1.00	0.68	0.54		1.00	0.73	0.59	
	ΔT	17	15	12		17	15	12		17	15	12		17	15	12		16	15	12		17	16	13	
	kW	1.56	1.56	1.56		1.76	1.76	1.76		1.98	1.98	1.98		2.23	2.22	2.22		2.49	2.49	2.49		2.81	2.81	2.81	
	Amps	5.6	5.6	5.6		6.5	6.5	6.5		7.5	7.5	7.5		8.5	8.5	8.5		9.7	9.7	9.7		11.1	11.1	11.0	
920	Hi PR	263	264	266		304	306	307		348	349	351		394	395	397		444	445	447		498	499	501	
	Lo PR	124	125	128		131	133	136		138	139	142		143	145	148		148	150	153		155	157	160	
	MBh	22.9	23.2	23.9		22.7	23.0	23.7		22.1	22.4	23.1		21.1	21.4	22.1		19.9	20.2	20.9		18.8	19.1	19.8	
	S/T	0.72	0.64	0.51		0.73	0.65	0.51		0.76	0.68	0.54		1.00	0.70	0.56		1.00	0.72	0.58		1.00	0.77	0.63	
	ΔT	16	14	11		16	14	11		16	14	11		16	14	11		15	14	11		16	15	12	
	kW	1.57	1.57	1.57		1.77	1.77	1.77		1.99	1.99	1.99		2.24	2.23	2.23		2.50	2.50	2.50		2.82	2.82	2.82	
75	Amps	5.7	5.7	5.7		6.6	6.5	6.5		7.5	7.5	7.5		8.6	8.6	8.5		9.7	9.7	9.7		11.1	11.1	11.1	
	Hi PR	266	267	269		307	308	310		350	351	353		397	398	400		447	448	450		500	501	503	
	Lo PR	126	128	131		133	135	138		140	141	145		145	147	150		151	152	155		158	159	162	
	MBh	22.1	22.5	23.1	24.1	21.9	22.3	22.9	23.9	21.4	21.7	22.3	23.3	20.4	20.7	21.3	22.4	19.1	19.5	20.1	21.1	18.0	18.3	19.0	20.0
	S/T	0.74	0.66	0.52	0.37	0.75	0.67	0.53	0.38	1.00	0.69	0.55	0.41	1.00	0.71	0.57	0.43	1.00	0.74	0.60	0.45	1.00	0.79	0.65	0.50
	ΔT	21	20	17	14	21	20	17	14	22	20	17	14	21	20	17	13	21	19	16	13	22	20	17	14
680	kW	1.55	1.55	1.54	1.56	1.75	1.75	1.74	1.76	1.97	1.97	1.97	1.98	2.21	2.21	2.21	2.22	2.48	2.48	2.48	2.49	2.80	2.79	2.79	2.81
	Amps	5.6	5.6	5.6	5.6	6.4	6.4	6.4	6.5	7.4	7.4	7.4	7.5	8.5	8.5	8.4	8.5	9.6	9.6	9.6	9.7	11.0	11.0	11.0	11.1
	Hi PR	261	262	264	268	302	303	305	309	345	346	348	353	392	393	395	399	442	443	445	449	495	496	498	503
	Lo PR	122	123	126	131	129	130	134	139	135	137	140	145	141	142	146	151	146	148	151	156	153	155	158	163
	MBh	22.5	22.8	23.5	24.5	22.3	22.6	23.3	24.3	21.7	22.0	22.7	23.7	20.7	21.0	21.7	22.7	19.5	19.8	20.5	21.5	18.4	18.7	19.4	20.4
	S/T	0.82	0.74	0.60	0.45	0.82	0.74	0.61	0.46	1.00	0.77	0.63	0.48	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.53	1.00	1.00	0.73	0.58
75	ΔT	20	19	15	12	20	18	15	12	20	19	16	13	20	18	15	12	20	18	15	12	21	19	16	13
	kW	1.56	1.56	1.56	1.57	1.76	1.76	1.76	1.77	1.98	1.98	1.98	1.99	2.22	2.22	2.22	2.23	2.49	2.49	2.49	2.50	2.81	2.81	2.80	2.82
	Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.5	7.5	7.4	7.5	8.5	8.5	8.5	8.6	9.7	9.7	9.7	9.7	11.1	11.1	11.0	11.1
	Hi PR	263	265	266	271	305	306	308	312	348	349	351	355	394	395	397	402	444	445	447	452	498	499	501	505
	Lo PR	124	125	128	133	131	133	136	141	138	139	142	147	143	145	148	153	148	150	153	158	155	157	160	165
	MBh	22.9	23.2	23.9	24.9	22.7	23.0	23.7	24.7	22.1	22.4	23.1	24.1	21.1	21.5	22.1	23.1	19.9	20.2	20.9	21.9	18.8	19.1	19.8	20.8
920	S/T	0.86	0.78	0.64	0.49	1.00	0.78	0.64	0.50	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	0.85	0.71	0.57	1.00	1.00	0.77	0.62
	ΔT	19	18	15	11	19	18	14	11	19	18	15	12	19	17	14	11	19	17	14	11	20	18	15	12
	kW	1.57	1.57	1.57	1.58	1.77	1.77	1.77	1.78	1.99	1.99	1.99	2.00	2.23	2.23	2.23	2.24	2.50	2.50	2.50	2.51	2.82	2.82	2.81	2.83
	Amps	5.7	5.7	5.7	5.7	6.5	6.5	6.5	6.6	7.5	7.5	7.5	7.6	8.6	8.6	8.5	8.6	9.7	9.7	9.7	9.8	11.1	11.1	11.1	11.2
	Hi PR	266	267	269	274	307	308	310	315	350	351	353	358	397	398	400	404	447	448	450	454	500	502	503	508
	Lo PR	126	128	131	136	133	135	138	143	140	141	145	150	145	147	150	155	151	152	155	161	158	159	162	167

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

IDB		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		ENTERING INDOOR WET BULB TEMPERATURE																																			
AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71									
680	MBh	22.3	22.6	23.2	24.2	22.1	22.4	23.0	24.0	21.5	21.8	22.5	23.5	20.5	20.8	21.5	22.5	19.3	19.6	20.2	21.3	18.2	18.5	19.1	20.1	18.2	18.5	19.1	20.1								
	S/T	0.87	0.79	0.65	0.50	1.00	0.80	0.66	0.51	1.00	0.82	0.68	0.54	1.00	0.84	0.70	0.56	1.00	1.00	0.73	0.58	1.00	1.00	0.78	0.63	1.00	1.00	0.78	0.63								
	ΔT	25	23	20	17	25	23	20	17	25	24	20	17	25	23	20	17	25	23	20	17	26	24	21	18	26	24	21	18								
	kW	1.55	1.55	1.54	1.56	1.75	1.75	1.74	1.76	1.97	1.97	1.97	1.98	2.21	2.21	2.21	2.22	2.48	2.48	2.48	2.49	2.80	2.80	2.79	2.81	2.80	2.80	2.79	2.81								
	Amps	5.6	5.6	5.6	5.6	6.5	6.4	6.4	6.5	7.4	7.4	7.4	7.5	8.5	8.5	8.4	8.5	9.6	9.6	9.6	9.7	11.0	11.0	11.0	11.1	11.0	11.0	11.0	11.1								
800	Hi PR	261	262	264	269	302	304	305	310	346	347	349	353	392	393	395	400	442	443	445	450	496	497	499	503	496	497	499	503								
	Lo PR	122	124	127	132	129	131	134	139	136	137	141	146	141	143	146	151	147	148	151	157	154	155	158	163	154	155	158	163								
	MBh	22.6	22.9	23.6	24.6	22.4	22.7	23.4	24.4	21.8	22.1	22.8	23.8	20.8	21.1	21.8	22.8	19.6	19.9	20.6	21.6	18.5	18.8	19.5	20.5	18.5	18.8	19.5	20.5								
	S/T	1.00	0.87	0.73	0.58	1.00	0.87	0.73	0.59	1.00	0.90	0.76	0.61	1.00	0.92	0.78	0.63	1.00	1.00	0.80	0.66	1.00	1.00	0.86	0.71	1.00	1.00	0.86	0.71								
	ΔT	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	23	22	19	16	24	23	20	17	24	23	20	17								
920	kW	1.56	1.56	1.56	1.57	1.76	1.76	1.76	1.77	1.98	1.98	1.98	1.99	2.22	2.22	2.22	2.24	2.49	2.49	2.49	2.50	2.81	2.81	2.81	2.82	2.81	2.81	2.81	2.82								
	Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.6	7.5	7.5	7.5	7.5	8.5	8.5	8.5	8.6	9.7	9.7	9.7	9.7	11.1	11.1	11.0	11.1	11.1	11.1	11.0	11.1								
	Hi PR	264	265	267	271	305	306	308	313	348	349	351	356	395	396	398	402	445	446	448	452	498	499	501	506	498	499	501	506								
	Lo PR	124	126	129	134	132	133	136	141	138	140	143	148	144	145	148	153	149	150	154	159	156	157	160	166	156	157	160	166								
	MBh	23.0	23.3	24.0	25.0	22.8	23.1	23.8	24.8	22.2	22.6	23.2	24.2	21.3	21.6	22.2	23.2	20.0	20.3	21.0	22.0	18.9	19.2	19.9	20.9	18.9	19.2	19.9	20.9								
920	S/T	1.00	0.91	0.77	0.62	1.00	0.91	0.77	0.63	1.00	0.94	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	0.89	0.75	1.00	1.00	0.89	0.75								
	ΔT	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	22	21	18	15	24	22	19	16	24	22	19	16								
	kW	1.57	1.57	1.57	1.58	1.77	1.77	1.77	1.78	1.99	1.99	1.99	2.00	2.24	2.23	2.23	2.25	2.50	2.50	2.50	2.51	2.82	2.82	2.82	2.83	2.82	2.82	2.82	2.83								
	Amps	5.7	5.7	5.7	5.7	6.6	6.5	6.5	6.6	7.5	7.5	7.5	7.6	8.6	8.6	8.5	8.6	9.7	9.7	9.7	9.8	11.1	11.1	11.1	11.2	11.1	11.1	11.1	11.2								
	Hi PR	267	268	269	274	308	309	311	315	351	352	354	358	397	398	400	405	447	449	450	455	501	502	504	508	501	502	504	508								
920	Lo PR	127	128	131	136	134	136	139	144	141	142	145	150	146	148	151	156	151	153	156	161	158	160	163	168	158	160	163	168								

680	MBh	22.6	22.9	23.6	24.6	22.4	22.7	23.4	24.4	21.9	22.2	22.8	23.8	20.9	21.2	21.8	22.8	19.6	19.9	20.6	21.6	18.5	18.8	19.5	20.5
	S/T	1.00	0.89	0.75	0.61	1.00	0.90	0.76	0.61	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	1.00	0.74
	kW	1.55	1.55	1.55	1.56	1.75	1.75	1.75	1.76	1.98	1.97	1.97	1.99	2.22	2.21	2.21	2.23	2.49	2.48	2.48	2.50	2.80	2.80	2.80	2.81
	Amps	5.6	5.6	5.6	5.6	6.5	6.5	6.4	6.5	7.4	7.4	7.4	7.5	8.5	8.5	8.5	8.5	9.7	9.6	9.6	9.7	11.0	11.0	11.0	11.1
	Lo PR	262	264	265	270	304	305	307	311	347	348	350	354	393	394	396	401	443	444	446	451	497	498	500	504
85	MBh	23.0	23.3	23.9	25.0	22.8	23.1	23.7	24.8	22.2	22.5	23.2	24.2	21.2	21.5	22.2	23.2	20.0	20.3	21.0	22.0	18.9	19.2	19.8	20.9
	S/T	1.00	0.97	0.83	0.69	1.00	0.98	0.84	0.69	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	0.91	0.76	1.00	1.00	1.00	0.81
	kW	1.57	1.56	1.56	1.58	1.77	1.76	1.76	1.78	1.99	1.99	1.98	2.00	2.23	2.23	2.22	2.24	2.50	2.50	2.49	2.51	2.81	2.81	2.81	2.82
	Amps	5.7	5.6	5.6	5.7	6.5	6.5	6.5	6.6	7.5	7.5	7.5	7.5	8.5	8.5	8.5	8.6	9.7	9.7	9.7	9.8	11.1	11.1	11.1	11.1
	Lo PR	265	266	268	273	306	307	309	314	349	351	352	357	396	397	399	403	446	447	449	454	500	501	502	507
920	MBh	23.4	23.7	24.4	25.4	23.2	23.5	24.2	25.2	22.6	22.9	23.6	24.6	21.6	21.9	22.6	23.6	20.4	20.7	21.4	22.4	19.3	19.6	20.3	21.3
	S/T	1.00	1.00	0.87	0.72	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.76	1.00	1.00	0.92	0.78	1.00	1.00	0.95	0.80	1.00	1.00	1.00	0.85
	kW	1.58	1.57	1.57	1.59	1.78	1.77	1.77	1.79	2.00	2.00	1.99	2.01	2.24	2.24	2.23	2.25	2.51	2.51	2.50	2.52	2.82	2.82	2.82	2.83
	Amps	5.7	5.7	5.7	5.7	6.6	6.6	6.5	6.6	7.5	7.5	7.5	7.6	8.6	8.6	8.6	8.6	9.8	9.7	9.7	9.8	11.1	11.1	11.1	11.2
	Lo PR	268	269	271	275	309	310	312	316	352	353	355	360	399	400	402	406	449	450	452	456	502	503	505	510

IDB = Entering Indoor Dry Bulb Temperature

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

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

Shaded area is AHRI conditions

Amps = outdoor unit amps (comp.+fan)

kW = Total system power

		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				
750	MBh	26.8	27.2	28.0		26.6	26.9	27.7		25.9	26.2	27.0		24.7	25.0	25.8		23.2	23.6	24.4		21.8	22.2	23.0		1.00	0.58	0.45		1.00	0.63	0.50		1.00	0.63	0.50	
	S/T	0.58	0.51	0.38		0.59	0.52	0.38		0.62	0.54	0.41		1.00	0.56	0.43		1.00	0.58	0.45		1.00	0.63	0.50		18	16	13		18	16	13		19	17	14	
	ΔT	18	16	13		18	16	13		18	16	13		18	16	13		18	16	13		18	16	13		18	16	13		18	16	13		19	17	14	
	kW	1.96	1.96	1.95		2.21	2.21	2.20		2.49	2.49	2.48		2.79	2.79	2.79		3.13	3.13	3.12		3.53	3.52	3.52		3.13	3.13	3.12		3.13	3.13	3.12		3.53	3.52	3.52	
	Amps	7.1	7.1	7.1		8.2	8.2	8.2		9.4	9.4	9.4		10.7	10.7	10.7		12.2	12.2	12.1		13.9	13.9	13.9		12.2	12.2	12.1		12.2	12.2	12.1		13.9	13.9	13.9	
	Hi PR	272	273	275		315	316	318		360	361	363		408	409	411		460	462	464		516	517	519		460	462	464		460	462	464		516	517	519	
70	Lo PR	125	126	130		132	134	137		139	141	144		145	146	150		150	152	155		157	159	162		150	152	155		150	152	155		157	159	162	
	MBh	27.2	27.6	28.4		27.0	27.4	28.2		26.3	26.6	27.5		25.1	25.4	26.2		23.6	24.0	24.8		22.2	22.6	23.4		23.6	24.0	24.8		23.6	24.0	24.8		22.2	22.6	23.4	
	S/T	0.66	0.58	0.45		0.66	0.59	0.45		0.69	0.61	0.48		1.00	0.63	0.50		1.00	0.65	0.52		1.00	0.71	0.57		1.00	0.65	0.52		1.00	0.65	0.52		1.00	0.71	0.57	
	ΔT	17	15	12		17	15	12		17	15	12		17	15	12		16	15	12		17	16	13		16	15	12		16	15	12		17	16	13	
	kW	1.98	1.97	1.97		2.23	2.22	2.22		2.51	2.50	2.50		2.81	2.81	2.80		3.15	3.14	3.14		3.54	3.54	3.54		3.15	3.14	3.14		3.15	3.14	3.14		3.54	3.54	3.54	
	Amps	7.2	7.2	7.1		8.2	8.2	8.2		9.5	9.5	9.4		10.8	10.8	10.7		12.2	12.2	12.2		14.0	14.0	13.9		12.2	12.2	12.2		12.2	12.2	12.2		14.0	14.0	13.9	
1010	Hi PR	275	276	278		318	319	321		363	364	366		411	412	414		463	464	466		519	520	522		463	464	466		463	464	466		519	520	522	
	Lo PR	127	129	132		135	136	139		141	143	146		147	148	152		152	154	157		159	161	164		152	154	157		152	154	157		159	161	164	
	MBh	27.7	28.1	28.9		27.5	27.9	28.7		26.8	27.2	28.0		25.6	26.0	26.8		24.1	24.5	25.3		22.8	23.1	23.9		24.1	24.5	25.3		24.1	24.5	25.3		22.8	23.1	23.9	
	S/T	0.69	0.62	0.49		0.70	0.63	0.49		1.00	0.65	0.52		1.00	0.67	0.54		1.00	0.69	0.56		1.00	0.74	0.61		1.00	0.69	0.56		1.00	0.69	0.56		1.00	0.74	0.61	
	ΔT	16	14	11		16	14	11		16	14	11		16	14	11		15	14	11		16	15	12		15	14	11		15	14	11		16	15	12	
	kW	1.99	1.99	1.98		2.24	2.24	2.23		2.52	2.52	2.51		2.82	2.82	2.81		3.16	3.16	3.15		3.55	3.55	3.55		3.16	3.16	3.15		3.16	3.16	3.15		3.55	3.55	3.55	
1010	Amps	7.2	7.2	7.2		8.3	8.3	8.3		9.5	9.5	9.5		10.8	10.8	10.8		12.3	12.3	12.3		14.0	14.0	14.0		12.3	12.3	12.3		12.3	12.3	12.3		14.0	14.0	14.0	
	Hi PR	277	278	280		320	321	323		365	366	368		414	415	417		466	467	469		522	523	525		466	467	469		466	467	469		522	523	525	
	Lo PR	129	131	134		137	139	142		144	145	148		149	151	154		155	156	160		162	163	167		155	156	160		155	156	160		162	163	167	

750	MBh	26.8	27.2	28.0	29.2	26.6	27.0	27.8	29.0	25.9	26.3	27.1	28.3	24.7	25.0	25.9	27.1	23.2	23.6	24.4	25.6	21.8	22.2	23.0	24.3
	S/T	0.71	0.64	0.50	0.36	0.72	0.64	0.51	0.37	1.00	0.67	0.53	0.39	1.00	0.69	0.55	0.41	1.00	0.71	0.57	0.43	1.00	1.00	0.63	0.48
	ΔT	21	20	17	14	21	20	17	14	22	20	17	14	21	20	17	14	21	19	16	13	22	21	17	14
	kW	1.96	1.96	1.95	1.97	2.21	2.21	2.20	2.22	2.49	2.49	2.48	2.50	2.79	2.79	2.78	2.80	3.13	3.13	3.12	3.14	3.52	3.52	3.52	3.54
	Amps	7.1	7.1	7.1	7.1	8.2	8.2	8.1	8.2	9.4	9.4	9.4	9.4	10.7	10.7	10.7	10.8	12.2	12.2	12.1	12.2	13.9	13.9	13.9	13.9
	Hi PR	272	273	275	280	315	316	318	323	360	361	363	368	408	410	412	416	461	462	464	469	516	518	520	524
75	Lo PR	125	126	130	135	133	134	137	143	139	141	144	149	145	146	150	155	150	152	155	160	157	159	162	167
	MBh	27.2	27.6	28.4	29.6	27.0	27.4	28.2	29.4	26.3	26.7	27.5	28.7	25.1	25.5	26.3	27.5	23.6	24.0	24.8	26.0	22.3	22.6	23.4	24.7
	S/T	0.79	0.71	0.58	0.44	1.00	0.72	0.58	0.44	1.00	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	1.00	0.70	0.56
	ΔT	20	19	16	12	20	19	15	12	20	19	16	13	20	19	15	12	20	18	15	12	21	19	16	13
	kW	1.98	1.97	1.97	1.99	2.23	2.22	2.22	2.24	2.50	2.50	2.50	2.52	2.81	2.80	2.80	2.82	3.14	3.14	3.14	3.16	3.54	3.54	3.53	3.55
	Amps	7.2	7.1	7.1	7.2	8.2	8.2	8.2	8.3	9.5	9.4	9.4	9.5	10.8	10.8	10.7	10.8	12.2	12.2	12.2	12.3	14.0	13.9	13.9	14.0
1010	Hi PR	275	276	278	283	318	319	321	326	363	364	366	371	411	412	414	419	463	465	467	471	519	520	522	527
	Lo PR	127	129	132	137	135	136	139	145	141	143	146	151	147	149	152	157	153	154	157	163	159	161	164	170
	MBh	27.7	28.1	28.9	30.1	27.5	27.9	28.7	29.9	26.8	27.2	28.0	29.2	25.6	26.0	26.8	28.0	24.1	24.5	25.3	26.5	22.8	23.1	23.9	25.2
	S/T	0.82	0.75	0.61	0.47	1.00	0.75	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.80	0.66	0.52	1.00	1.00	0.69	0.54	1.00	1.00	0.74	0.59
	ΔT	19	18	15	11	19	18	15	11	19	18	15	12	19	18	15	11	19	17	14	11	20	18	15	12
	kW	1.99	1.99	1.98	2.00	2.24	2.24	2.23	2.25	2.52	2.52	2.51	2.53	2.82	2.82	2.81	2.83	3.16	3.15	3.15	3.17	3.55	3.55	3.55	3.57
1010	Amps	7.2	7.2	7.2	7.3	8.3	8.3	8.3	8.4	9.5	9.5	9.5	9.6	10.8	10.8	10.8	10.9	12.3	12.3	12.3	12.3	14.0	14.0	14.0	14.1
	Hi PR	277	279	281	285	320	322	323	328	365	367	368	373	414	415	417	422	466	467	469	474	522	523	525	530
	Lo PR	129	131	134	140	137	139	142	147	144	145	149	154	149	151	154	159	155	156	160	165	162	163	167	172

IDB = Entering Indoor Dry Bulb Temperature

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

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

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					
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				
		ENTERING INDOOR WET BULB TEMPERATURE																																			
750	MBh	27.0	27.3	28.1	29.4	26.7	27.1	27.9	29.1	26.0	26.4	27.2	28.4	24.8	25.2	26.0	27.2	23.3	23.7	24.5	25.7	22.0	22.4	23.2	24.4	1.00	1.00	0.70	0.56	1.00	1.00	0.70	0.56	1.00	1.00	0.75	0.61
	S/T	1.00	0.76	0.63	0.49	1.00	0.77	0.63	0.49	1.00	0.79	0.66	0.52	1.00	1.00	0.68	0.54	1.00	1.00	0.70	0.56	1.00	1.00	0.75	0.61	25	23	20	17	25	23	20	17	26	24	21	18
	ΔT	25	23	20	17	25	23	20	17	25	24	21	17	25	23	20	17	25	23	20	17	25	23	20	17	25	23	20	17	25	23	20	17	26	24	21	18
	kW	1.96	1.96	1.95	1.97	2.21	2.21	2.20	2.22	2.49	2.49	2.48	2.50	2.79	2.79	2.79	2.80	3.13	3.13	3.12	3.14	3.53	3.52	3.52	3.54	3.13	3.13	3.12	3.12	3.13	3.13	3.12	3.14	3.53	3.52	3.52	3.54
	Amps	7.1	7.1	7.1	7.1	8.2	8.2	8.2	8.2	9.4	9.4	9.4	9.4	10.7	10.7	10.7	10.8	12.2	12.2	12.2	12.2	13.9	13.9	13.9	14.0	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	13.9	13.9	13.9	14.0
	Hi PR	27.3	27.4	27.6	28.0	31.5	31.7	31.9	32.3	36.0	36.2	36.4	36.8	40.9	41.0	41.2	41.7	46.1	46.2	46.4	46.9	51.7	51.8	52.0	52.5	46.1	46.2	46.4	46.4	46.4	46.4	46.4	46.4	51.7	51.8	52.0	52.5
	Lo PR	125	127	130	136	133	135	138	143	140	141	144	150	145	147	150	155	151	152	156	161	158	159	163	168	151	152	156	161	158	159	163	168	158	159	163	168
80 880	MBh	27.4	27.7	28.5	29.8	27.1	27.5	28.3	29.5	26.4	26.8	27.6	28.8	25.2	25.6	26.4	27.6	23.7	24.1	24.9	26.2	22.4	22.8	23.6	24.8	1.00	1.00	0.70	0.63	1.00	1.00	0.82	0.68	1.00	1.00	0.82	0.68
	S/T	1.00	0.83	0.70	0.56	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	1.00	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.82	0.68	1.00	1.00	0.77	0.63	1.00	1.00	0.82	0.68	1.00	1.00	0.82	0.68
	ΔT	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	25	23	20	17	24	22	19	16	24	22	23	20	23	20	17	17
	kW	1.98	1.97	1.97	1.99	2.23	2.22	2.22	2.24	2.51	2.50	2.50	2.52	2.81	2.81	2.81	2.82	3.15	3.14	3.14	3.16	3.54	3.54	3.54	3.55	3.15	3.14	3.14	3.14	3.16	3.54	3.54	3.54	3.55	3.54	3.55	3.55
	Amps	7.2	7.1	7.1	7.2	8.2	8.2	8.2	8.3	9.5	9.5	9.4	9.5	10.8	10.8	10.8	10.8	12.2	12.2	12.2	12.2	14.0	14.0	14.0	14.0	12.2	12.2	12.2	12.2	12.2	12.2	12.2	14.0	14.0	13.9	14.0	
	Hi PR	27.5	27.6	27.8	28.3	31.8	31.9	32.1	32.6	36.3	36.4	36.6	37.1	41.2	41.3	41.5	42.0	46.4	46.5	46.7	47.2	52.0	52.1	52.3	52.8	46.4	46.5	46.7	47.2	52.0	52.1	52.3	52.8	52.0	52.1	52.3	52.8
	Lo PR	128	129	132	138	135	137	140	145	142	143	147	152	148	149	152	158	153	155	158	163	160	162	165	170	153	155	158	163	160	162	165	170	162	164	167	172
1010	MBh	27.9	28.3	29.1	30.3	27.6	28.0	28.8	30.0	26.9	27.3	28.1	29.3	25.7	26.1	26.9	28.1	24.3	24.6	25.4	26.7	22.9	23.3	24.1	25.3	1.00	1.00	0.81	0.67	1.00	1.00	1.00	0.72	1.00	1.00	1.00	0.72
	S/T	1.00	0.87	0.74	0.60	1.00	0.88	0.74	0.60	1.00	1.00	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.81	0.67	1.00	1.00	1.00	0.72	1.00	1.00	0.81	0.67	1.00	1.00	1.00	0.72	1.00	1.00	1.00	0.72
	ΔT	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	24	22	19	16	23	21	18	15	24	22	19	16	24	22	19	16
	kW	1.99	1.99	1.98	2.00	2.24	2.24	2.23	2.25	2.52	2.52	2.51	2.53	2.82	2.82	2.81	2.83	3.16	3.16	3.15	3.17	3.55	3.55	3.55	3.57	3.16	3.16	3.15	3.15	3.17	3.55	3.55	3.55	3.57	3.55	3.55	3.57
	Amps	7.2	7.2	7.2	7.3	8.3	8.3	8.3	8.4	9.5	9.5	9.5	9.6	10.8	10.8	10.8	10.9	12.3	12.3	12.3	12.4	14.0	14.0	14.0	14.1	12.3	12.3	12.3	12.3	12.4	14.0	14.0	14.0	14.1	14.0	14.0	14.1
	Hi PR	27.8	27.9	28.1	28.6	32.1	32.2	32.4	32.9	36.6	36.7	36.9	37.4	41.4	41.6	41.7	42.2	46.7	46.8	47.0	47.4	52.2	52.4	52.5	53.0	46.7	46.8	47.0	47.4	52.2	52.4	52.5	53.0	52.2	52.4	52.5	53.0
	Lo PR	130	132	135	140	138	139	142	148	144	146	149	154	150	152	155	160	155	157	160	166	162	164	167	172	155	157	160	166	162	164	167	172	162	164	167	172

750	MBh	27.4	27.8	28.6	29.8	27.2	27.5	28.3	29.6	26.5	26.8	27.6	28.9	25.3	25.6	26.4	27.7	23.8	24.2	25.0	26.2	22.4	22.8	23.6	24.8
	S/T	1.00	0.86	0.73	0.59	1.00	1.00	0.73	0.59	1.00	1.00	0.76	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.80	0.66	1.00	1.00	1.00	0.71
	ΔT	28	27	24	20	28	27	23	20	28	27	24	21	28	27	23	20	28	26	23	20	29	27	24	21
	kW	1.97	1.96	1.96	1.98	2.22	2.21	2.21	2.23	2.49	2.49	2.49	2.51	2.80	2.79	2.79	2.81	3.13	3.13	3.13	3.15	3.53	3.53	3.52	3.54
	Amps	7.1	7.1	7.1	7.2	8.2	8.2	8.2	8.3	9.4	9.4	9.4	9.5	10.7	10.7	10.7	10.8	12.2	12.2	12.2	12.2	13.9	13.9	13.9	14.0
	Hi PR	27.4	27.5	27.7	28.2	31.7	31.8	32.0	32.5	36.2	36.3	36.5	37.0	41.0	41.1	41.3	41.8	46.2	46.4	46.6	47.0	51.8	51.9	52.1	52.6
	Lo PR	127	129	132	137	135	136	140	145	142	143	146	152	147	149	152	157	153	154	158	163	160	161	164	170
85	MBh	27.8	28.2	29.0	30.2	27.6	28.0	28.8	30.0	26.9	27.3	28.1	29.3	25.7	26.1	26.9	28.1	24.2	24.6	25.4	26.6	22.8	23.2	24.0	25.3
	S/T	1.00	0.93	0.80	0.66	1.00	1.00	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	1.00	0.73	1.00	1.00	1.00	0.78
	ΔT	27	25	22	19	27	25	22	19	27	26	23	19	27	25	22	19	27	25	22	19	28	26	23	20
	kW	1.98	1.98	1.97	1.99	2.23	2.23	2.23	2.24	2.51	2.51	2.50	2.52	2.81	2.81	2.81	2.83	3.15	3.15	3.14	3.16	3.55	3.54	3.54	3.56
	Amps	7.2	7.2	7.2	7.2	8.3	8.3	8.2	8.3	9.5	9.5	9.5	9.5	10.8	10.8	10.8	10.8	12.3	12.3	12.2	12.3	14.0	14.0	14.0	14.0
	Hi PR	27.7	27.8	28.0	28.4	32.0	32.1	32.3	32.7	36.5	36.6	36.8	37.2	41.3	41.4	41.6	42.1	46.5	46.6	46.8	47.3	52.1	52.2	52.4	52.9
	Lo PR	129	131	134	140	137	139	142	147	144	145	148	154	149	151	154	159	155	156	160	165	162	163	167	172
1010	MBh	28.3	28.7	29.5	30.7	28.1	28.5	29.3	30.5	27.4	27.8	28.6	29.8	26.2	26.6	27.4	28.6	24.7	25.1	25.9	27.1	23.4	23.7	24.5	25.8
	S/T	1.00	0.97	0.84	0.70	1.00	1.00	0.84	0.70	1.00	1.00	0.87	0.73	1.00	1.00	0.89	0.75	1.00	1.00	1.00	0.77	1.00	1.00	1.00	0.82
	ΔT	26	24	21	18	26	24	21	18	26	25	22	18	26	24	21	18	26	24	21	18	27	25	22	19
	kW	1.99	1.99	1.99	2.01	2.24	2.24	2.24	2.26	2.52	2.52	2.52	2.54	2.83	2.82	2.82	2.84	3.16	3.16	3.16	3.18	3.56	3.56	3.55	3.57
	Amps	7.2	7.2	7.2	7.3	8.3	8.3	8.3	8.4	9.5	9.5	9.5	9.6	10.8	10.8	10.8	10.9	12.3	12.3	12.3	12.4	14.0	14.0	14.0	14.1
	Hi PR	27.9	28.0	28.2	28.7	32.2	32.3	32.5	33.0	36.7	36.8	37.0	37.5	41.6	41.7	41.9	42.3	46.8	46.9	47.1	47.6	52.4	52.5	52.7	53.1
	Lo PR	132	133	137	142	140	141	144	150	146	148	151	156	152	153	157	162	157	159	162	167	164	166	169	174

		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	30.6	32.7	34.3		32.6	33.1	34.0		31.7	32.2	33.2		30.2	30.7	31.7		28.4	28.9	29.9		26.8	27.2	28.2	
	S/T	0.63	0.54	0.37		0.59	0.51	0.38		0.61	0.54	0.40		0.63	0.56	0.42		1.00	0.58	0.45		1.00	0.63	0.50	
	ΔT	19	18	12		16	14	12		16	15	12		16	14	12		16	14	11		17	15	12	
	kW	2.05	2.21	2.30		2.60	2.60	2.59		2.93	2.93	2.93		3.29	3.29	3.29		3.70	3.69	3.69		4.17	4.17	4.16	
	Amps	7.5	8.1	8.3		9.7	9.6	9.6		11.1	11.1	11.1		12.7	12.7	12.6		14.4	14.4	14.4		16.5	16.5	16.4	
	Hi PR	266	269	274		314	315	317		359	360	362		407	408	410		459	460	462		515	516	518	
	Lo PR	121	122	126		129	130	133		135	137	140		141	142	145		146	147	151		153	154	157	
1260	MBh	32.7	33.9	34.8		33.1	33.6	34.6		32.2	32.7	33.7		30.8	31.2	32.2		28.9	29.4	30.4		27.3	27.8	28.7	
	S/T	0.70	0.58	0.45		0.66	0.59	0.45		0.69	0.61	0.48		0.71	0.63	0.50		1.00	0.65	0.52		1.00	0.71	0.57	
	ΔT	18	13	11		15	13	11		15	14	11		15	13	11		15	13	10		15	14	11	
	kW	2.23	2.32	2.32		2.62	2.62	2.61		2.95	2.95	2.95		3.31	3.31	3.31		3.72	3.71	3.71		4.19	4.19	4.18	
	Amps	8.2	8.4	8.4		9.7	9.7	9.7		11.2	11.2	11.1		12.7	12.7	12.7		14.5	14.5	14.5		16.5	16.5	16.5	
	Hi PR	271	275	277		317	318	320		362	363	365		410	411	413		462	463	465		518	519	521	
	Lo PR	122	125	128		131	132	135		137	139	142		143	144	147		148	150	153		155	156	159	
1450	MBh	34.0	34.5	35.5		33.7	34.2	35.2		32.9	33.3	34.3		31.4	31.9	32.8		29.6	30.1	31.0		27.9	28.4	29.4	
	S/T	0.70	0.62	0.49		0.70	0.63	0.49		0.73	0.65	0.52		1.00	0.67	0.54		1.00	0.69	0.56		1.00	0.74	0.61	
	ΔT	14	12	10		14	12	10		14	13	10		14	12	10		14	12	10		15	13	10	
	kW	2.34	2.34	2.33		2.64	2.63	2.63		2.97	2.97	2.96		3.33	3.33	3.32		3.73	3.73	3.72		4.20	4.20	4.20	
	Amps	8.5	8.5	8.5		9.8	9.8	9.8		11.2	11.2	11.2		12.8	12.8	12.8		14.6	14.6	14.6		16.6	16.6	16.6	
	Hi PR	277	278	280		319	321	323		364	366	367		413	414	416		465	466	468		520	522	524	
	Lo PR	126	127	130		133	135	138		140	141	144		145	147	150		150	152	155		157	159	162	

850	MBh	32.3	32.8	33.7	35.2	32.0	32.5	33.4	34.9	31.2	31.6	32.6	34.1	29.7	30.2	31.1	32.6	27.9	28.4	29.4	30.8	26.3	26.8	27.7	25.9
	S/T	0.72	0.64	0.51	0.37	0.73	0.65	0.51	0.37	1.00	0.68	0.54	0.40	1.00	0.69	0.56	0.42	1.00	0.72	0.58	0.44	1.00	1.00	0.63	0.52
	ΔT	20	19	16	13	20	19	16	13	20	19	16	13	20	19	16	13	20	18	16	13	21	19	17	15
	kW	2.67	2.67	2.66	2.69	3.01	3.01	3.00	3.03	3.39	3.39	3.38	3.41	3.80	3.80	3.79	3.82	4.26	4.26	4.25	4.28	4.80	4.80	4.79	3.98
	Amps	9.5	9.5	9.4	9.6	11.0	10.9	10.9	11.0	12.6	12.6	12.6	12.7	14.4	14.4	14.4	14.5	16.4	16.4	16.4	16.5	18.7	18.7	18.7	15.2
	Hi PR	281	282	284	289	325	326	328	333	371	373	375	379	421	423	424	429	475	476	478	483	533	534	536	533
75	Lo PR	125	126	130	135	132	134	137	143	139	141	144	149	145	146	150	155	150	152	155	160	157	159	162	167
	MBh	32.8	33.3	34.2	35.7	32.5	33.0	33.9	35.4	31.7	32.1	33.1	34.6	30.2	30.7	31.6	33.1	28.4	28.9	29.9	31.3	26.8	27.3	28.2	26.3
	S/T	0.80	0.72	0.58	0.44	1.00	0.73	0.59	0.45	1.00	0.75	0.62	0.47	1.00	0.77	0.63	0.49	1.00	0.79	0.66	0.51	1.00	1.00	0.71	0.60
	ΔT	19	18	15	12	19	18	15	12	19	18	15	12	19	18	15	12	19	17	14	11	20	18	15	14
	kW	2.69	2.69	2.68	2.71	3.03	3.03	3.02	3.05	3.41	3.41	3.40	3.43	3.82	3.82	3.81	3.84	4.28	4.28	4.27	4.30	4.82	4.82	4.81	3.99
	Amps	9.6	9.6	9.5	9.6	11.1	11.0	11.0	11.1	12.7	12.7	12.7	12.8	14.5	14.5	14.5	14.6	16.5	16.5	16.5	16.6	18.8	18.8	18.8	15.2
1150	Hi PR	283	285	287	292	328	329	331	336	374	375	377	382	424	425	427	432	478	479	481	486	536	537	539	536
	Lo PR	127	129	132	137	135	136	139	145	141	143	146	151	147	149	152	157	153	154	157	163	159	161	164	170
	MBh	33.4	33.9	34.8	36.3	33.1	33.6	34.6	36.0	32.3	32.7	33.7	35.2	30.8	31.3	32.3	33.7	29.1	29.5	30.5	32.0	27.4	27.9	28.9	26.9
	S/T	0.83	0.76	0.62	0.48	1.00	0.76	0.63	0.48	1.00	0.79	0.65	0.51	1.00	0.81	0.67	0.53	1.00	1.00	0.69	0.55	1.00	1.00	0.75	0.63
	ΔT	18	17	14	11	18	17	14	11	18	17	14	11	18	17	14	11	18	16	14	11	19	17	14	13
	kW	2.71	2.71	2.70	2.73	3.05	3.05	3.04	3.07	3.43	3.43	3.42	3.45	3.84	3.84	3.83	3.86	4.30	4.30	4.29	4.32	4.84	4.84	4.83	4.01
1150	Amps	9.6	9.6	9.6	9.7	11.1	11.1	11.1	11.2	12.8	12.8	12.7	12.9	14.6	14.6	14.5	14.6	16.6	16.6	16.5	16.6	18.9	18.9	18.9	15.3
	Hi PR	286	287	289	294	331	332	334	339	377	378	380	385	427	428	430	435	481	482	484	489	538	540	542	539
	Lo PR	130	131	134	140	137	139	142	147	144	145	149	154	149	151	154	160	155	157	160	165	162	163	167	172

IDB = Entering Indoor Dry Bulb Temperature

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

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

Shaded area is ACCA (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

		65°F												75°F						85°F						95°F						105°F						115°F																	
		OUTDOOR AMBIENT TEMPERATURE																																																					
IDB	AIRFLOW	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71																			
80	MBh	32.5	32.9	33.9	35.4	35.1	32.2	32.6	33.6	35.1	31.3	31.8	32.8	34.2	29.9	30.3	31.3	32.8	28.1	28.6	29.5	31.0	26.5	26.9	27.9	26.0	1.00	0.77	0.63	0.49	0.50	1.00	0.80	0.67	0.52	1.00	1.00	0.68	0.54	1.00	1.00	0.71	0.56	1.00	1.00	0.76	0.65								
	S/T	24	22	19	16	16	24	22	19	16	24	22	19	16	24	22	19	16	23	22	19	16	24	23	20	19	23	22	19	16	24	23	20	19	23	22	19	16	24	23	20	19													
	ΔT	2.67	2.67	2.66	2.69	3.00	3.01	3.01	3.00	3.03	3.39	3.39	3.38	3.41	3.80	3.80	3.80	3.79	3.82	4.26	4.26	4.26	4.25	4.80	4.80	4.79	3.98	16.4	16.4	16.4	16.4	16.4	16.4	16.4	14.5	16.4	16.4	16.4	16.5	18.7	18.7	18.7	15.2												
	kW	9.5	9.5	9.4	9.6	11.0	11.0	11.0	10.9	11.0	12.6	12.6	12.6	12.7	14.4	14.4	14.4	14.4	14.5	16.4	16.4	16.4	16.4	18.7	18.7	18.7	15.2	533	534	534	484	533	534	536	534	533	534	536	534	533	534	536	534												
	Amps	281	282	284	289	333	325	327	329	333	372	373	375	380	422	422	423	425	430	476	477	479	484	536	537	539	537	536	537	537	487	536	537	539	537	536	537	539	537	536	537	539	537												
	Hi PR	125	127	130	135	143	133	135	138	143	140	141	144	150	145	147	150	155	151	152	156	161	158	159	163	168																													
1000	MBh	33.0	33.4	34.4	35.9	35.6	32.7	33.1	34.1	35.6	31.8	32.3	33.3	34.7	30.4	30.8	31.8	33.3	28.6	29.1	30.0	31.5	27.0	27.4	28.4	26.5	1.00	0.85	0.71	0.57	0.57	1.00	0.88	0.74	0.60	1.00	1.00	0.76	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.83	0.73								
	S/T	23	21	18	15	15	23	21	18	15	23	21	18	15	23	21	18	15	22	21	18	15	23	22	19	18	23	22	19	16	23	22	19	16	23	22	19	16	23	22	19	18													
	ΔT	2.69	2.69	2.68	2.71	3.05	3.03	3.03	3.02	3.05	3.41	3.41	3.41	3.43	3.82	3.82	3.82	3.84	4.28	4.28	4.28	4.28	4.82	4.82	4.82	3.99	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.6	16.5	16.5	16.5	16.6	18.8	18.8	18.8	15.2													
	kW	9.6	9.6	9.5	9.7	11.1	11.1	11.0	11.0	11.1	12.7	12.7	12.7	12.8	14.5	14.5	14.5	14.6	16.5	16.5	16.5	16.5	18.8	18.8	18.8	15.2	536	537	537	487	536	537	539	537	536	537	539	537	536	537	539	537													
	Amps	284	285	287	292	336	328	330	331	336	375	376	378	383	425	425	426	428	433	479	480	482	487	536	537	539	537	536	537	537	487	536	537	539	537	536	537	539	537	536	537	539	537												
	Hi PR	128	129	132	138	145	135	137	140	145	142	143	147	152	148	149	152	158	153	155	158	163	160	162	165	170																													
1150	MBh	33.6	34.0	35.0	36.5	36.2	33.3	33.8	34.7	36.2	32.5	32.9	33.9	35.4	31.0	31.5	32.4	33.9	29.2	29.7	30.6	32.1	27.6	28.1	29.0	27.0	1.00	0.88	0.75	0.60	0.61	1.00	1.00	0.78	0.64	1.00	1.00	0.82	0.68	1.00	1.00	0.82	0.68	1.00	1.00	0.83	0.77								
	S/T	22	20	17	14	14	22	20	17	14	22	20	17	14	22	20	17	14	21	20	17	14	22	21	18	17	21	20	17	14	22	21	18	17	21	20	17	14	22	21	18	17													
	ΔT	2.71	2.71	2.70	2.73	3.07	3.05	3.05	3.04	3.07	3.43	3.43	3.42	3.45	3.84	3.84	3.83	3.86	4.30	4.30	4.29	4.32	4.84	4.84	4.83	4.01	16.6	16.6	16.6	16.6	16.6	16.6	16.6	14.5	16.6	16.6	16.5	16.7	18.9	18.9	18.9	15.3													
	kW	9.7	9.6	9.6	9.7	11.1	11.1	11.1	11.1	11.2	12.8	12.8	12.8	12.9	14.6	14.6	14.6	14.7	16.6	16.6	16.6	16.5	18.9	18.9	18.9	15.3	539	540	540	489	539	540	542	539	539	540	542	539	540	542	539	540	542	539											
	Amps	287	288	290	295	339	331	332	334	339	377	379	381	386	427	427	429	431	436	481	483	485	489	539	540	542	539	539	540	542	489	539	540	542	539	540	542	539	540	542	539	540	542	539											
	Hi PR	130	132	135	140	148	138	139	142	148	144	146	149	154	150	152	155	160	156	157	160	166	162	164	167	173																													
Lo PR																																																							

850	MBh	33.0	33.5	34.4	35.9	32.7	33.2	34.1	35.6	31.9	32.3	33.3	34.8	30.4	30.9	31.8	33.3	28.6	29.1	30.1	31.5	27.0	27.5	28.4	26.5
	S/T	1.00	0.87	0.74	0.59	1.00	1.00	0.74	0.60	1.00	1.00	0.77	0.62	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	1.00	0.75
	ΔT	27	25	22	19	27	25	22	19	27	25	22	20	27	25	22	19	26	25	22	19	27	26	23	22
	kW	2.68	2.67	2.67	2.70	3.02	3.02	3.01	3.04	3.40	3.40	3.39	3.42	3.81	3.81	3.80	3.83	4.27	4.27	4.26	4.29	4.81	4.81	4.80	3.98
	Amps	9.5	9.5	9.5	9.6	11.0	11.0	11.0	11.1	12.6	12.6	12.6	12.7	14.4	14.4	14.4	14.5	16.4	16.4	16.4	16.5	18.8	18.8	18.7	15.2
	Hi PR	282	284	286	290	327	328	330	335	373	374	376	381	423	424	426	431	477	478	480	485	535	536	538	535
1000	Lo PR	127	129	132	137	135	136	140	145	142	143	146	152	147	149	152	157	153	154	157	163	160	161	164	170
	MBh	33.5	34.0	34.9	36.4	33.2	33.7	34.6	36.1	32.4	32.8	33.8	35.3	30.9	31.4	32.3	33.8	29.1	29.6	30.6	32.0	27.5	28.0	28.9	26.9
	S/T	1.00	0.95	0.81	0.67	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	1.00	0.74	1.00	1.00	1.00	0.83
	ΔT	26	24	21	18	26	24	21	18	26	24	21	18	26	24	21	18	25	24	21	18	26	25	22	21
	kW	2.70	2.70	2.69	2.72	3.04	3.04	3.03	3.06	3.42	3.42	3.41	3.44	3.83	3.83	3.82	3.85	4.29	4.29	4.28	4.31	4.83	4.83	4.82	4.00
	Amps	9.6	9.6	9.6	9.7	11.1	11.1	11.0	11.2	12.7	12.7	12.7	12.8	14.5	14.5	14.5	14.6	16.5	16.5	16.5	16.6	18.9	18.9	18.8	15.3
1150	Hi PR	285	287	288	293	330	331	333	338	376	377	379	384	426	427	429	434	480	481	483	488	537	539	541	538
	Lo PR	129	131	134	140	137	139	142	147	144	145	148	154	149	151	154	159	155	156	160	165	162	163	167	172
	MBh	34.1	34.6	35.6	37.0	33.8	34.3	35.3	36.7	33.0	33.5	34.4	35.9	31.5	32.0	33.0	34.4	29.8	30.2	31.2	32.7	28.1	28.6	29.6	27.5
	S/T	1.00	0.98	0.85	0.71	1.00	1.00	0.86	0.71	1.00	1.00	0.88	0.74	1.00	1.00	0.90	0.76	1.00	1.00	1.00	0.78	1.00	1.00	1.00	0.87
	ΔT	25	23	20	17	25	23	20	17	25	23	20	17	25	23	20	17	24	23	20	17	25	24	21	20
	kW	2.72	2.71	2.71	2.73	3.06	3.05	3.05	3.07	3.44	3.43	3.43	3.46	3.85	3.85	3.84	3.87	4.31	4.31	4.30	4.33	4.85	4.85	4.84	4.01
1150	Amps	9.7	9.7	9.6	9.8	11.2	11.2	11.1	11.2	12.8	12.8	12.8	12.9	14.6	14.6	14.6	14.7	16.6	16.6	16.6	16.7	18.9	18.9	18.9	15.3
	Hi PR	288	289	291	296	332	334	336	340	379	380	382	387	429	430	432	437	483	484	486	491	540	541	543	541
	Lo PR	132	134	137	142	140	141	144	150	146	148	151	156	152	153	157	162	157	159	162	167	164	166	169	174

		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				
1120	MBh	40.1	40.7	41.9		39.7	40.3	41.5		38.7	39.2	40.4		36.9	37.4	38.6		34.7	35.2	36.4		30.6	31.1	32.2					
	S/T	0.58	0.51	0.37		0.59	0.51	0.38		0.61	0.54	0.40		0.63	0.56	0.42		0.65	0.58	0.44		1.00	0.62	0.49					
	ΔT	19	18	14		19	18	14		20	18	14		19	18	14		19	17	14		22	20	16					
	kW	3.18	3.18	3.17		3.62	3.61	3.61		4.10	4.10	4.09		4.63	4.63	4.62		5.22	5.22	5.21		5.26	5.26	5.25					
	Amps	12.4	12.4	12.3		14.3	14.2	14.2		16.4	16.4	16.3		18.7	18.7	18.6		21.2	21.2	21.2		21.4	21.4	21.4					
	Hi PR	268	270	271		311	312	314		355	356	358		403	404	406		455	456	458		501	502	504					
70 1320	Lo PR	116	118	121		124	125	128		130	131	134		135	137	139		140	142	145		144	146	149					
	MBh	40.7	41.3	42.5		40.4	40.9	42.1		39.3	39.9	41.1		37.5	38.1	39.3		35.3	35.9	37.1		31.2	31.7	32.8					
	S/T	0.66	0.58	0.45		0.66	0.59	0.45		0.69	0.61	0.48		0.71	0.63	0.50		0.73	0.65	0.52		1.00	0.70	0.56					
	ΔT	18	16	13		18	16	13		18	16	13		18	16	13		18	16	13		20	18	15					
	kW	3.21	3.21	3.20		3.65	3.64	3.63		4.13	4.13	4.12		4.66	4.66	4.65		5.25	5.25	5.24		5.29	5.28	5.28					
	Amps	12.5	12.5	12.4		14.4	14.4	14.3		16.5	16.5	16.5		18.8	18.8	18.7		21.4	21.3	21.3		21.5	21.5	21.5					
1520	Hi PR	271	272	274		314	315	317		358	359	361		406	407	409		458	459	461		504	505	507					
	Lo PR	119	120	123		126	127	130		132	133	136		137	139	142		142	144	147		146	148	151					
	MBh	41.5	42.1	43.3		41.1	41.7	42.9		40.1	40.7	41.9		38.3	38.9	40.1		36.1	36.6	37.8		31.9	32.4	33.6					
	S/T	0.70	0.62	0.49		0.70	0.63	0.49		0.73	0.65	0.52		0.75	0.67	0.54		1.00	0.69	0.56		1.00	0.73	0.60					
	ΔT	17	15	12		17	15	12		17	15	12		17	15	12		17	15	12		19	17	14					
	kW	3.23	3.23	3.22		3.67	3.67	3.66		4.16	4.15	4.14		4.68	4.68	4.67		5.27	5.27	5.26		5.31	5.30	5.30					
1520	Amps	12.6	12.6	12.5		14.5	14.5	14.4		16.6	16.6	16.6		18.9	18.9	18.8		21.5	21.4	21.4		21.6	21.6	21.6					
	Hi PR	274	275	277		316	318	319		361	362	364		409	410	412		460	461	463		507	508	510					
	Lo PR	121	122	125		128	129	132		134	136	139		139	141	144		145	146	149		149	150	153					
	MBh	40.1	40.7	41.9	43.7	39.7	40.3	41.5	43.4	38.7	39.3	40.5	42.3	36.9	37.5	38.7	40.5	34.7	35.3	36.5	38.3	30.6	31.1	32.3	32.4				
	S/T	0.71	0.63	0.50	0.36	0.72	0.64	0.51	0.37	0.74	0.67	0.53	0.39	1.00	0.68	0.55	0.41	1.00	0.71	0.57	0.43	1.00	0.75	0.62	0.48				
	ΔT	23	21	18	15	23	21	18	15	23	22	18	15	23	21	18	15	23	21	18	14	26	24	20	17				
75 1320	kW	3.18	3.18	3.17	3.20	3.61	3.61	3.60	3.64	4.10	4.10	4.09	4.12	4.63	4.63	4.62	4.65	5.22	5.21	5.21	5.24	5.26	5.26	5.25	4.91				
	Amps	12.4	12.3	12.3	12.5	14.3	14.2	14.2	14.3	16.4	16.4	16.3	16.5	18.7	18.6	18.6	18.8	21.2	21.2	21.2	21.3	21.4	21.4	21.4	19.9				
	Hi PR	269	270	272	276	311	312	314	319	356	357	359	363	403	405	406	411	455	456	458	463	501	502	504	504				
	Lo PR	117	118	121	126	124	125	128	133	130	131	134	139	135	137	140	145	140	142	145	150	144	146	149	155				
	MBh	40.7	41.3	42.5	44.3	40.4	40.9	42.1	44.0	39.3	39.9	41.1	42.9	37.5	38.1	39.3	41.1	35.3	35.9	37.1	38.9	31.2	31.7	32.8	33.0				
	S/T	0.79	0.71	0.58	0.44	0.79	0.72	0.58	0.44	0.82	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.82	0.69	0.56				
75 1520	ΔT	22	20	17	13	22	20	17	13	22	20	17	14	22	20	17	13	22	20	17	13	25	23	19	15				
	kW	3.21	3.20	3.20	3.23	3.64	3.64	3.63	3.67	4.13	4.13	4.12	4.15	4.66	4.65	4.65	4.68	5.25	5.24	5.24	5.27	5.28	5.28	5.28	4.93				
	Amps	12.5	12.5	12.4	12.6	14.4	14.4	14.4	14.5	16.5	16.5	16.4	16.6	18.8	18.7	18.9	18.9	21.3	21.3	21.3	21.4	21.5	21.5	21.5	20.0				
	Hi PR	271	273	275	279	314	315	317	322	358	360	361	366	406	407	409	414	458	459	461	466	504	505	507	507				
	Lo PR	119	120	123	128	126	127	130	135	132	133	136	141	137	139	142	147	142	144	147	152	146	148	151	157				
	MBh	41.5	42.1	43.3	45.1	41.2	41.7	42.9	44.8	40.1	40.7	41.9	43.7	38.3	38.9	40.1	41.9	36.1	36.7	37.9	39.7	31.9	32.5	33.6	33.7				
75 1520	S/T	0.82	0.75	0.61	0.47	0.83	0.75	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.80	0.66	0.52	1.00	0.82	0.69	0.54	1.00	0.86	0.73	0.60				
	ΔT	21	19	16	12	21	19	16	12	21	19	16	13	21	19	16	12	21	19	15	12	23	21	18	14				
	kW	3.23	3.23	3.22	3.25	3.67	3.66	3.65	3.69	4.15	4.15	4.14	4.18	4.68	4.68	4.67	4.70	5.27	5.27	5.26	5.29	5.30	5.30	5.29	4.95				
	Amps	12.6	12.6	12.5	12.7	14.5	14.5	14.4	14.6	16.6	16.6	16.5	16.7	18.9	18.9	18.8	19.0	21.4	21.4	21.4	21.5	21.6	21.6	21.6	20.0				
	Hi PR	274	275	277	282	317	318	320	324	361	362	364	369	409	410	412	417	461	462	464	468	507	508	510	509				
	Lo PR	121	122	125	130	128	129	132	137	134	136	139	144	140	141	144	149	145	146	149	154	149	150	153	159				
DB = Entering Indoor Dry Bulb Temperature														Shaded area is ACCA (TVA) conditions												kW = Total system power			
High and low pressures are measured at the liquid and suction service valves.																										Amps = outdoor unit amps (comp.+fan)			
Inflow may vary depending on actual ambient conditions and system operation modes.																													

			OUTDOOR AMBIENT TEMPERATURE																													
			65°F					75°F					85°F					95°F					105°F					115°F				
			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	1120	MBh	40.3	40.9	42.1	43.9	40.0	40.5	41.7	43.6	38.9	39.5	40.7	42.5	37.1	37.7	38.9	40.7	34.9	35.5	36.7	38.5	30.8	31.3	32.5	34.2	30.8	31.3	32.5	34.2		
		S/T	0.83	0.76	0.62	0.48	1.00	0.76	0.63	0.49	1.00	0.79	0.66	0.51	1.00	0.81	0.67	0.53	1.00	0.83	0.70	0.56	1.00	1.00	0.74	0.61	1.00	1.00	0.74	0.61		
		ΔT	27	25	22	19	27	25	22	19	27	26	22	19	27	25	22	19	27	25	22	18	30	28	25	21	30	28	25	21		
		kW	3.18	3.18	3.17	3.20	3.62	3.61	3.61	3.64	4.10	4.10	4.09	4.13	4.63	4.63	4.62	4.65	5.22	5.22	5.21	5.24	5.26	5.26	5.25	4.91	5.26	5.26	5.25	4.91		
		Amps	12.4	12.4	12.3	12.5	14.3	14.2	14.2	14.4	16.4	16.4	16.3	16.5	18.7	18.7	18.6	18.8	21.2	21.2	21.2	21.3	21.4	21.4	21.4	19.9	21.4	21.4	21.4	19.9		
		Hi PR	269	270	272	277	312	313	315	319	356	357	359	364	404	405	407	412	456	457	459	463	502	503	505	504	502	503	505	504		
80	1320	Lo PR	117	118	121	126	124	126	129	134	130	132	135	140	136	137	140	145	141	142	145	150	145	146	149	156	145	146	149	156		
		MBh	40.9	41.5	42.7	44.5	40.6	41.2	42.4	44.2	39.5	40.1	41.3	43.1	37.7	38.3	39.5	41.3	35.5	36.1	37.3	39.1	31.4	31.9	33.0	33.2	31.4	31.9	33.0	33.2		
		S/T	0.91	0.83	0.70	0.56	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	0.91	0.77	0.63	1.00	1.00	0.81	0.68	1.00	1.00	0.81	0.68		
		ΔT	26	24	21	17	26	24	21	17	26	24	21	18	26	24	21	17	26	24	20	17	29	27	23	19	29	27	23	19		
		kW	3.21	3.21	3.20	3.23	3.65	3.64	3.63	3.67	4.13	4.13	4.12	4.15	4.66	4.66	4.65	4.68	5.25	5.24	5.24	5.27	5.29	5.28	5.28	4.93	5.29	5.28	5.28	4.93		
		Amps	12.5	12.5	12.4	12.6	14.4	14.4	14.3	14.5	16.5	16.5	16.5	16.6	18.8	18.8	18.7	18.9	21.4	21.3	21.3	21.5	21.5	21.5	21.5	20.0	21.5	21.5	21.5	20.0		
80	1520	Hi PR	272	273	275	280	314	316	317	322	359	360	362	367	407	408	410	414	458	459	461	466	505	506	508	507	505	506	508	507		
		Lo PR	119	121	124	128	126	128	131	136	132	134	137	142	138	139	142	147	143	144	147	152	147	148	151	158	147	148	151	158		
		MBh	41.7	42.3	43.5	45.3	41.4	41.9	43.1	45.0	40.3	40.9	42.1	43.9	38.5	39.1	40.3	42.1	36.3	36.9	38.1	39.9	32.1	32.7	33.8	33.9	32.1	32.7	33.8	33.9		
		S/T	0.95	0.87	0.74	0.60	1.00	0.88	0.74	0.60	1.00	0.90	0.77	0.63	1.00	0.92	0.79	0.65	1.00	1.00	0.81	0.67	1.00	1.00	0.85	0.72	1.00	1.00	0.85	0.72		
		ΔT	25	23	20	16	25	23	20	16	25	23	20	16	25	23	20	16	24	23	19	16	28	26	22	18	28	26	22	18		
		kW	3.23	3.23	3.22	3.25	3.67	3.66	3.66	3.69	4.16	4.15	4.14	4.18	4.68	4.68	4.67	4.70	5.27	5.27	5.26	5.29	5.31	5.30	5.30	4.95	5.31	5.30	5.30	4.95		
85	1120	Amps	12.6	12.6	12.5	12.7	14.5	14.5	14.4	14.6	16.6	16.6	16.6	16.7	18.9	18.9	18.8	19.0	21.5	21.4	21.4	21.5	21.6	21.6	21.6	20.1	21.6	21.6	21.6	20.1		
		Hi PR	275	276	278	282	317	318	320	325	362	363	365	369	409	411	412	417	461	462	464	469	507	508	510	510	507	508	510	510		
		Lo PR	121	123	126	131	129	130	133	138	135	136	139	144	140	141	144	149	145	147	150	155	149	151	153	160	149	151	153	160		
		MBh	41.0	41.6	42.8	44.6	40.6	41.2	42.4	44.2	39.6	40.2	41.4	43.2	37.8	38.3	39.5	41.4	35.6	36.1	37.3	39.2	31.4	32.0	33.1	33.2	31.4	32.0	33.1	33.2		
		S/T	1.00	0.86	0.72	0.58	1.00	0.86	0.73	0.59	1.00	0.89	0.76	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.80	0.66	1.00	1.00	0.84	0.71	1.00	1.00	0.84	0.71		
		ΔT	31	29	26	22	31	29	25	22	31	29	26	22	31	29	25	22	30	29	25	22	34	32	28	25	34	32	28	25		
85	1320	kW	3.19	3.19	3.18	3.21	3.63	3.62	3.61	3.65	4.11	4.11	4.10	4.14	4.64	4.64	4.63	4.66	5.23	5.23	5.22	5.25	5.27	5.27	5.26	4.91	5.27	5.27	5.26	4.91		
		Amps	12.4	12.4	12.4	12.5	14.3	14.3	14.3	14.4	16.4	16.4	16.4	16.5	18.7	18.7	18.7	18.8	21.3	21.3	21.2	21.4	21.4	21.4	21.4	19.9	21.4	21.4	21.4	19.9		
		Hi PR	270	272	273	278	313	314	316	321	357	358	360	365	405	406	408	413	457	458	460	465	503	504	506	506	503	504	506	506		
		Lo PR	119	120	123	128	126	127	130	135	132	134	137	142	137	139	142	147	143	144	147	152	147	148	151	157	147	148	151	157		
		MBh	41.6	42.2	43.4	45.2	41.3	41.8	43.0	44.9	40.2	40.8	42.0	43.8	38.4	39.0	40.2	42.0	36.2	36.8	38.0	39.8	32.0	32.6	33.7	33.8	32.0	32.6	33.7	33.8		
		S/T	1.00	0.93	0.80	0.66	1.00	0.94	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.91	0.78	1.00	1.00	0.91	0.78		
85	1520	ΔT	29	28	24	21	29	27	24	21	29	28	24	21	29	27	24	21	29	27	24	20	32	31	27	23	32	31	27	23		
		kW	3.22	3.21	3.21	3.24	3.65	3.65	3.64	3.68	4.14	4.14	4.13	4.16	4.67	4.66	4.66	4.69	5.26	5.25	5.25	5.28	5.29	5.29	5.28	4.94	5.29	5.29	5.28	4.94		
		Amps	12.5	12.5	12.5	12.6	14.4	14.4	14.4	14.5	16.5	16.5	16.5	16.6	18.8	18.8	18.8	18.9	21.4	21.4	21.3	21.5	21.6	21.5	21.5	20.0	21.6	21.5	21.5	20.0		
		Hi PR	273	274	276	281	316	317	319	323	360	361	363	368	408	409	411	416	460	461	463	467	506	507	509	508	506	507	509	508		
		Lo PR	121	122	125	130	128	129	132	137	134	136	139	144	139	141	144	149	145	146	149	154	149	150	153	159	149	150	153	159		
		MBh	42.4	43.0	44.2	46.0	42.0	42.6	43.8	45.6	41.0	41.6	42.8	44.6	39.2	39.8	41.0	42.8	37.0	37.6	38.8	40.6	32.8	33.3	34.4	34.5	32.8	33.3	34.4	34.5		
85	1520	S/T	1.00	0.97	0.84	0.70	1.00	0.98	0.84	0.70	1.00	1.00	0.87	0.73	1.00	1.00	0.89	0.75	1.00	1.00	0.91	0.77	1.00	1.00	0.95	0.82	1.00	1.00	0.95	0.82		
		ΔT	28	26	23	20	28	26	23	20	28	27	23	20	28	26	23	20	28	26	23	19	31	29	26	22	31	29	26	22		
		kW	3.24	3.24	3.23	3.26	3.68	3.67	3.67	3.70	4.16	4.16	4.15	4.19	4.69	4.69	4.68	4.71	5.28	5.28	5.27	5.30	5.31	5.31	5.30	4.96	5.31	5.31	5.30	4.96		
		Amps	12.6	12.6	12.6	12.7	14.5	14.5	14.5	14.6	16.6	16.6	16.6	16.7	18.9	18.9	18.9	19.0	21.5	21.5	21.4	21.6	21.6	21.6	21.6	20.1	21.6	21.6	21.6	20.1		
		Hi PR	276	277	279	284	318	320	321	326	363	364	366	371	411	412	414	418	462	463	465	470	508	510	511	511	508	510	511	511		
		Lo PR	123	125	128	1																										

IDB = Entering Indoor Dry Bulb Temperature

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

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

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	45.7	46.3	47.7		45.3	45.9	47.3		44.1	44.7	46.1		42.0	42.7	44.0		39.5	40.2	41.5		31.7	32.3	33.4	
	S/T	0.57	0.50	0.36		0.57	0.50	0.37		0.60	0.53	0.40		0.62	0.54	0.41		0.64	0.57	0.43		0.70	0.62	0.49	
	ΔT	20	18	15		20	18	14		20	18	15		20	18	14		19	18	14		22	20	17	
	kW	3.83	3.82	3.81		4.36	4.36	4.35		4.96	4.95	4.95		5.60	5.60	5.59		6.33	6.32	6.31		5.41	5.41	5.40	
	Amps	15.0	15.0	14.9		17.3	17.3	17.2		19.9	19.9	19.8		22.7	22.7	22.6		25.8	25.8	25.8		21.8	21.8	21.8	
	Hi PR	281	282	284		325	327	329		372	373	375		422	423	425		476	477	479		514	515	517	
	Lo PR	115	116	119		122	123	126		128	129	132		133	135	138		138	140	143		142	143	146	
1380	MBh	46.4	47.0	48.4		46.0	46.6	48.0		44.8	45.4	46.8		42.7	43.4	44.7		40.2	40.9	42.2		32.3	32.9	34.0	
	S/T	0.64	0.57	0.44		0.65	0.57	0.44		0.67	0.60	0.47		0.69	0.62	0.49		0.71	0.64	0.51		1.00	0.70	0.56	
	ΔT	18	17	13		18	17	13		19	17	13		18	17	13		18	16	13		21	19	15	
	kW	3.86	3.86	3.85		4.40	4.39	4.38		4.99	4.99	4.98		5.64	5.63	5.63		6.36	6.36	6.35		5.43	5.43	5.42	
	Amps	15.1	15.1	15.1		17.4	17.4	17.4		20.0	20.0	20.0		22.8	22.8	22.8		26.0	26.0	25.9		21.9	21.9	21.9	
	Hi PR	284	285	287		328	330	331		375	376	378		425	426	428		479	480	482		516	518	520	
	Lo PR	117	118	121		124	125	128		130	131	134		135	137	140		140	142	145		143	145	148	
1590	MBh	47.3	47.9	49.3		46.8	47.5	48.9		45.7	46.3	47.7		43.6	44.2	45.6		41.1	41.7	43.1		33.1	33.6	34.8	
	S/T	0.68	0.60	0.47		0.68	0.61	0.48		0.71	0.63	0.50		0.73	0.65	0.52		0.75	0.67	0.54		1.00	0.73	0.60	
	ΔT	17	16	12		17	15	12		18	16	12		17	15	12		17	15	12		20	18	14	
	kW	3.89	3.88	3.88		4.42	4.42	4.41		5.02	5.02	5.01		5.67	5.66	5.65		6.39	6.38	6.37		5.45	5.45	5.44	
	Amps	15.2	15.2	15.2		17.6	17.5	17.5		20.2	20.1	20.1		23.0	22.9	22.9		26.1	26.1	26.0		22.0	22.0	22.0	
	Hi PR	287	288	290		331	332	334		378	379	381		428	429	431		482	483	485		519	520	522	
	Lo PR	119	121	123		126	128	130		132	134	137		137	139	142		143	144	147		146	147	150	

1170	MBh	45.7	46.4	47.7	49.8	45.3	45.9	47.3	49.4	44.1	44.7	46.1	48.2	42.0	42.7	44.1	46.1	39.5	40.2	41.5	40.3	31.7	32.3	33.5	33.7
	S/T	0.69	0.62	0.49	0.35	0.70	0.63	0.50	0.36	0.72	0.65	0.52	0.38	1.00	0.67	0.54	0.40	1.00	0.69	0.56	0.42	1.00	0.75	0.62	0.48
	ΔT	24	22	18	15	24	22	18	15	24	22	19	15	24	22	18	15	23	22	18	16	27	25	21	17
	kW	3.82	3.82	3.81	3.85	4.36	4.35	4.35	4.39	4.96	4.95	4.94	4.98	5.60	5.60	5.59	5.63	6.32	6.32	6.31	5.48	5.41	5.40	5.40	5.05
	Amps	15.0	14.9	14.9	15.1	17.3	17.3	17.2	17.4	19.9	19.9	19.8	20.0	22.7	22.7	22.6	22.8	25.8	25.8	25.8	22.2	21.8	21.8	21.8	20.3
	Hi PR	281	282	284	289	326	327	329	334	372	373	375	380	422	424	426	430	476	478	480	478	514	515	517	515
	Lo PR	115	116	119	124	122	123	126	131	128	129	132	137	133	135	138	142	138	140	143	144	142	143	146	151
75 1380	MBh	46.4	47.1	48.4	50.5	46.0	46.6	48.0	50.1	44.8	45.5	46.8	48.9	42.7	43.4	44.8	46.9	40.2	40.9	42.2	40.9	32.3	32.9	34.1	34.2
	S/T	0.76	0.69	0.56	0.42	0.77	0.70	0.57	0.43	0.79	0.72	0.59	0.45	1.00	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.82	0.69	0.55
	ΔT	22	21	17	14	22	20	17	14	23	21	17	14	22	20	17	14	22	20	17	15	25	23	20	16
	kW	3.86	3.85	3.84	3.89	4.39	4.39	4.38	4.42	4.99	4.99	4.98	5.02	5.63	5.63	5.62	5.66	6.36	6.35	6.34	5.51	5.43	5.43	5.42	5.07
	Amps	15.1	15.1	15.0	15.2	17.4	17.4	17.4	17.5	20.0	20.0	20.0	20.1	22.8	22.8	22.8	22.9	26.0	25.9	25.9	22.3	21.9	21.9	21.9	20.4
	Hi PR	284	285	287	292	329	330	332	337	375	376	378	383	425	426	428	433	479	480	482	480	517	518	520	518
	Lo PR	117	118	121	126	124	125	128	133	130	131	134	139	135	137	140	144	140	142	145	146	143	145	148	153
1590	MBh	47.3	47.9	49.3	51.4	46.9	47.5	48.9	51.0	45.7	46.3	47.7	49.8	43.6	44.3	45.6	47.7	41.1	41.8	43.1	41.7	33.1	33.6	34.8	34.9
	S/T	0.80	0.73	0.60	0.46	0.81	0.73	0.60	0.47	0.83	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.80	0.67	0.53	1.00	0.86	0.73	0.59
	ΔT	21	19	16	13	21	19	16	13	21	20	16	13	21	19	16	13	21	19	16	14	24	22	18	15
	kW	3.89	3.88	3.87	3.91	4.42	4.42	4.41	4.45	5.02	5.01	5.00	5.04	5.66	5.66	5.65	5.69	6.38	6.38	6.37	5.53	5.45	5.45	5.44	5.09
	Amps	15.2	15.2	15.2	15.3	17.5	17.5	17.5	17.7	20.1	20.1	20.1	20.3	22.9	22.9	22.9	23.1	26.1	26.1	26.0	22.4	22.0	22.0	22.0	20.5
	Hi PR	287	288	290	295	331	333	335	339	378	379	381	386	428	429	431	436	482	483	485	483	519	521	522	521
	Lo PR	119	121	123	128	126	128	131	135	132	134	137	142	137	139	142	147	143	144	147	149	146	147	150	155

IDB = Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Airflow may vary depending on actual ambient conditions and system operation modes.

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											
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
80	MBh	45.9	46.6	48.0	50.0	45.5	46.2	47.5	49.6	44.3	45.0	46.4	48.4	42.3	42.9	44.3	46.4	39.8	40.4	41.8	40.5	31.9	32.5	33.7	33.8	1.00	0.81	0.68	0.54	1.00	0.87	0.74	0.60
	S/T	0.81	0.74	0.61	0.47	0.82	0.75	0.62	0.48	1.00	0.77	0.64	0.50	1.00	0.79	0.66	0.52	1.00	0.81	0.68	0.54	1.00	0.87	0.74	0.60	1.00	0.81	0.68	0.54	1.00	0.87	0.74	0.60
	ΔT	28	26	22	19	28	26	22	19	28	26	23	19	28	26	22	19	27	26	22	21	31	29	25	22	27	26	22	21	31	29	25	22
	kW	3.83	3.82	3.81	3.85	4.36	4.36	4.35	4.39	4.96	4.95	4.95	4.99	5.60	5.60	5.59	5.63	6.33	6.32	6.31	5.48	5.41	5.40	5.40	5.05	25.8	25.8	25.8	22.2	21.8	21.8	20.3	
	Amps	15.0	14.9	14.9	15.1	17.3	17.3	17.2	17.4	19.9	19.9	19.8	20.0	22.7	22.7	22.6	22.8	26.0	26.0	25.9	22.2	21.9	21.9	21.9	20.4	25.8	25.8	25.8	22.2	21.8	21.8	20.3	
	Hi PR	282	283	285	290	326	327	329	334	373	374	376	381	423	424	426	431	477	478	480	478	514	516	518	516	478	478	480	478	514	516	518	516
	Lo PR	115	117	120	125	122	124	127	132	129	130	133	138	134	135	138	143	139	140	143	145	142	143	146	151	142	143	145	145	142	143	146	151
1380	MBh	46.6	47.3	48.7	50.8	46.2	46.9	48.3	50.3	45.0	45.7	47.1	49.1	43.0	43.6	45.0	47.1	40.5	41.1	42.5	41.1	32.5	33.1	34.3	34.4	1.00	0.89	0.81	0.68	1.00	0.88	0.75	0.61
	S/T	0.89	0.81	0.68	0.54	1.00	0.82	0.69	0.55	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	0.87	0.74	0.60	1.00	0.89	0.81	0.68	1.00	0.88	0.75	0.61
	ΔT	26	25	21	18	26	24	21	18	27	25	21	18	26	24	21	18	26	24	21	19	29	28	24	20	27	26	22	21	29	28	24	20
	kW	3.86	3.86	3.85	3.89	4.40	4.39	4.38	4.42	4.99	4.99	4.98	5.02	5.64	5.63	5.62	5.67	6.36	6.36	6.35	5.51	5.43	5.43	5.42	5.08	26.0	26.0	26.0	22.3	21.9	21.9	20.4	
	Amps	15.1	15.1	15.1	15.2	17.4	17.4	17.4	17.6	20.0	20.0	20.0	20.2	22.8	22.8	22.8	23.0	26.0	26.0	25.9	22.3	21.9	21.9	21.9	20.4	26.0	26.0	26.0	22.3	21.9	21.9	20.4	
	Hi PR	285	286	288	293	329	330	332	337	376	377	379	384	426	427	429	434	480	481	483	481	517	518	520	519	481	481	483	481	517	518	520	519
	Lo PR	117	119	122	127	124	126	129	134	131	132	135	140	136	137	140	145	141	142	145	147	144	145	148	153	143	144	147	147	143	144	147	149
1590	MBh	47.5	48.2	49.5	51.6	47.1	47.8	49.1	51.2	45.9	46.6	47.9	50.0	43.9	44.5	45.9	48.0	41.3	42.0	43.4	41.9	33.3	33.8	35.0	35.1	1.00	0.92	0.85	0.72	1.00	0.92	0.79	0.65
	S/T	0.92	0.85	0.72	0.58	1.00	0.85	0.72	0.59	1.00	0.88	0.75	0.61	1.00	0.90	0.77	0.63	1.00	0.92	0.79	0.65	1.00	0.87	0.74	0.60	1.00	0.92	0.85	0.72	1.00	0.92	0.79	0.65
	ΔT	25	23	20	17	25	23	20	17	25	24	20	17	25	23	20	17	25	23	20	18	28	26	23	19	27	26	22	21	28	26	23	19
	kW	3.89	3.88	3.87	3.92	4.42	4.42	4.41	4.45	5.02	5.02	5.01	5.05	5.67	5.66	5.65	5.69	6.39	6.38	6.37	5.53	5.45	5.45	5.44	5.09	26.1	26.1	26.1	22.4	22.0	22.0	20.5	
	Amps	15.2	15.2	15.2	15.4	17.6	17.5	17.5	17.7	20.1	20.1	20.1	20.3	23.0	22.9	22.9	23.1	26.1	26.1	26.0	22.4	22.0	22.0	21.8	20.3	26.1	26.1	26.1	22.4	22.0	22.0	20.5	
	Hi PR	287	289	291	296	332	333	335	340	378	380	382	386	428	430	432	437	482	484	486	484	520	521	523	521	482	484	486	484	520	521	523	521
	Lo PR	120	121	124	129	127	128	131	136	133	134	137	142	138	139	142	147	143	144	147	149	146	148	150	155	143	144	147	149	146	148	150	155
85	MBh	46.7	47.4	48.7	50.8	46.3	47.0	48.3	50.4	45.1	45.8	47.1	49.2	43.1	43.7	45.1	47.2	40.5	41.2	42.6	41.2	32.6	33.2	34.3	34.5	1.00	0.84	0.71	0.58	1.00	0.84	0.71	0.58
	S/T	1.00	0.84	0.71	0.57	1.00	0.84	0.71	0.58	1.00	0.87	0.74	0.60	1.00	1.00	0.76	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.84	0.70	1.00	1.00	0.78	0.64	1.00	1.00	0.84	0.70
	ΔT	31	29	26	23	31	29	26	22	31	30	26	23	31	29	26	22	31	29	26	25	35	33	29	25	31	29	26	25	35	33	29	25
	kW	3.84	3.83	3.82	3.87	4.37	4.37	4.36	4.40	4.97	4.96	4.96	5.00	5.61	5.61	5.60	5.64	6.34	6.33	6.32	5.49	5.42	5.41	5.41	5.06	25.9	25.9	25.9	22.2	21.9	21.9	20.3	
	Amps	15.0	15.0	15.0	15.1	17.3	17.3	17.3	17.5	19.9	19.9	19.9	20.0	22.7	22.7	22.7	22.9	25.9	25.9	25.8	22.2	21.9	21.9	21.8	20.3	26.0	26.0	26.0	22.3	22.0	22.0	20.4	
	Hi PR	283	284	286	291	328	329	331	336	374	375	377	382	424	425	427	432	478	479	481	479	516	517	519	517	478	479	481	479	516	517	519	517
	Lo PR	117	119	121	126	124	126	128	133	130	132	135	140	135	137	140	145	141	142	145	147	144	145	148	153	141	142	145	147	144	145	148	150
1380	MBh	47.4	48.1	49.4	51.5	47.0	47.7	49.0	51.1	45.8	46.5	47.8	49.9	43.8	44.4	45.8	47.9	41.2	41.9	43.3	41.8	33.2	33.8	34.9	35.0	1.00	0.91	0.78	0.64	1.00	0.91	0.78	0.64
	S/T	1.00	0.91	0.78	0.64	1.00	0.92	0.78	0.65	1.00	0.94	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.91	0.77	1.00	1.00	0.85	0.71	1.00	1.00	0.91	0.77
	ΔT	30	28	25	21	30	28	25	21	30	28	25	21	30	28	25	21	30	28	24	23	33	31	28	24	30	28	24	23	33	31	28	24
	kW	3.87	3.87	3.86	3.90	4.41	4.40	4.39	4.43	5.00	5.00	4.99	5.03	5.65	5.64	5.63	5.68	6.37	6.37	6.36	5.52	5.44	5.44	5.43	5.08	26.0	26.0	26.0	22.3	22.0	22.0	20.4	
	Amps	15.2	15.1	15.1	15.3	17.5	17.5	17.4	17.6	20.1	20.1	20.0	20.2	22.9	22.9	22.8	23.0	26.0	26.0	25.9	22.3	22.0	22.0	21.9	20.4	26.0	26.0	26.0	22.3	22.0	22.0	20.4	
	Hi PR	286	287	289	294	330	332	334	338	377	378	380	385	427	428	430	435	481	482	484	482	518	520	522	520	481	482	484	482	518	520	522	520
	Lo PR	119	121	123	128	126	128	130	135	132	134	137	142	137	139	142	147	143	144	147	149	146	147	150	155	143	144	147	149	146	147	150	155
1590	MBh	48.3	48.9	50.3	52.4	47.9	48.5	49.9	52.0	46.7	47.3	48.7	50.8	44.6	45.3	46.6	48.7	42.1	42.8	44.1	42.6	33.9	34.5	35.7	35.8	1.00	0.95	0.82	0.68	1.00	0.95	0.82	0.68
	S/T	1.00	0.95	0.82	0.68	1.00	0.95	0.82	0.68	1.00	1.00	0.85	0.71	1.00	1.00	0.86	0.73	1.00	1.00	0.89	0.75	1.00	1.00	0.95	0.81	1.00	1.00	0.89	0.75	1			

		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				
1390	MBh	53.8	54.5	56.2		53.3	54.1	55.7		51.9	52.7	54.3		49.5	50.2	51.8		41.9	42.6	44.1		35.8	36.5	37.8		35.8	36.5	37.8		35.8	36.5	37.8		35.8	36.5	37.8	
	S/T	0.55	0.48	0.35		0.56	0.49	0.36		0.58	0.51	0.38		0.60	0.53	0.40		0.64	0.56	0.43		0.70	0.63	0.50		0.70	0.63	0.50		0.70	0.63	0.50		0.70	0.63	0.50	
	ΔT	19	17	14		19	17	14		19	17	14		19	17	14		21	19	15		20	18	15		20	18	15		20	18	15		20	18	15	
	kW	4.52	4.52	4.51		5.15	5.14	5.13		5.85	5.84	5.83		6.60	6.59	6.58		6.09	6.08	6.08		5.87	5.87	5.86		5.87	5.87	5.86		5.87	5.87	5.86		5.87	5.87	5.86	
	Amps	17.4	17.4	17.3		20.1	20.1	20.1		23.2	23.1	23.1		26.4	26.4	26.4		24.2	24.2	24.2		23.3	23.2	23.2		23.3	23.2	23.2		23.3	23.2	23.2		23.3	23.2	23.2	
	Hi PR	282	283	285		326	327	329		373	374	376		423	424	426		458	459	461		501	502	504		501	502	504		501	502	504		501	502	504	
70	Lo PR	112	114	117		119	121	123		125	127	129		125	127	129		132	134	136		138	140	142		138	140	142		138	140	142		138	140	142	
	MBh	54.6	55.4	57.0		54.1	54.9	56.5		52.7	53.5	55.1		50.3	51.1	52.7		42.7	43.4	44.8		36.5	37.2	38.5		36.5	37.2	38.5		36.5	37.2	38.5		36.5	37.2	38.5	
	S/T	0.62	0.55	0.42		0.63	0.56	0.43		0.65	0.58	0.45		0.67	0.60	0.47		0.71	0.64	0.51		0.78	0.71	0.57		0.78	0.71	0.57		0.78	0.71	0.57		0.78	0.71	0.57	
	ΔT	18	16	13		17	16	13		18	16	13		17	16	13		19	17	14		18	17	13		18	17	13		18	17	13		18	17	13	
	kW	4.56	4.56	4.55		5.19	5.18	5.17		5.89	5.88	5.87		6.64	6.64	6.62		6.12	6.12	6.11		5.90	5.89	5.89		5.90	5.89	5.89		5.90	5.89	5.89		5.90	5.89	5.89	
	Amps	17.6	17.6	17.5		20.3	20.3	20.2		23.3	23.3	23.3		26.6	26.6	26.5		24.4	24.3	24.3		23.4	23.4	23.3		23.4	23.4	23.3		23.4	23.4	23.3		23.4	23.4	23.3	
1890	Hi PR	285	286	288		329	330	332		376	377	379		426	427	429		461	462	464		504	505	507		504	505	507		504	505	507		504	505	507	
	Lo PR	114	116	119		121	123	125		127	129	131		127	129	131		134	136	138		140	142	144		140	142	144		140	142	144		140	142	144	
	MBh	55.7	56.5	58.1		55.2	56.0	57.6		53.8	54.6	56.2		51.4	52.1	53.7		43.6	44.3	45.8		37.4	38.0	39.3		37.4	38.0	39.3		37.4	38.0	39.3		37.4	38.0	39.3	
	S/T	0.66	0.59	0.46		0.66	0.59	0.47		0.69	0.62	0.49		0.71	0.63	0.51		0.75	0.67	0.54		0.82	0.74	0.61		0.82	0.74	0.61		0.82	0.74	0.61		0.82	0.74	0.61	
	ΔT	16	15	12		16	15	11		17	15	12		16	15	11		18	16	13		17	16	12		17	16	12		17	16	12		17	16	12	
	kW	4.60	4.59	4.58		5.22	5.22	5.21		5.92	5.91	5.90		6.67	6.67	6.66		6.15	6.14	6.13		5.92	5.92	5.91		5.92	5.92	5.91		5.92	5.92	5.91		5.92	5.92	5.91	
75	Amps	17.7	17.7	17.7		20.4	20.4	20.4		23.5	23.5	23.4		26.8	26.7	26.7		24.5	24.5	24.4		23.5	23.5	23.4		23.5	23.5	23.4		23.5	23.5	23.4		23.5	23.5	23.4	
	Hi PR	287	289	291		332	333	335		379	380	382		429	430	432		464	465	467		507	508	510		507	508	510		507	508	510		507	508	510	
	Lo PR	117	118	121		123	125	128		129	131	134		129	131	134		136	138	141		142	144	147		142	144	147		142	144	147		142	144	147	
	MBh	53.8	54.6	56.2		53.3	54.1	55.7		51.9	52.7	54.3		49.5	50.3	51.9		42.0	42.6	44.1		35.9	36.5	37.8		35.9	36.5	37.8		35.9	36.5	37.8		35.9	36.5	37.8	
	S/T	0.67	0.60	0.47		0.68	0.61	0.48		0.70	0.63	0.50		0.72	0.65	0.52		0.76	0.69	0.56		1.00	0.76	0.62		1.00	0.76	0.62		1.00	0.76	0.62		1.00	0.76	0.62	
	ΔT	23	21	18		23	21	18		23	21	18		23	21	18		25	23	20		23	22	18		23	22	18		23	22	18		23	22	18	
1390	kW	4.52	4.51	4.50		5.14	5.14	5.13		5.84	5.84	5.83		6.60	6.59	6.58		6.09	6.08	6.07		5.87	5.86	5.86		5.87	5.86	5.86		5.87	5.86	5.86		5.87	5.86	5.86	
	Amps	17.4	17.4	17.3		20.1	20.1	20.0		23.1	23.1	23.1		26.4	26.4	26.3		24.2	24.2	24.1		23.2	23.2	23.2		23.2	23.2	23.2		23.2	23.2	23.2		23.2	23.2	23.2	
	Hi PR	282	283	285		326	328	330		373	374	376		423	424	426		458	460	461		501	502	504		501	502	504		501	502	504		501	502	504	
	Lo PR	112	114	117		119	121	123		125	127	129		130	132	135		132	134	136		138	140	143		138	140	143		138	140	143		138	140	143	
	MBh	54.7	55.4	57.0		54.2	54.9	56.6		52.8	53.5	55.1		50.3	51.1	52.7		42.7	43.4	44.9		36.6	37.2	38.5		36.6	37.2	38.5		36.6	37.2	38.5		36.6	37.2	38.5	
	S/T	0.74	0.67	0.55		0.75	0.68	0.55		0.77	0.70	0.57		0.79	0.72	0.59		1.00	0.76	0.63		1.00	0.83	0.70		1.00	0.83	0.70		1.00	0.83	0.70		1.00	0.83	0.70	
75	ΔT	21	20	16		21	20	16		21	20	17		21	20	16		24	22	18		22	20	17		22	20	17		22	20	17		22	20	17	
	kW	4.56	4.55	4.54		5.18	5.18	5.17		5.88	5.88	5.87		6.64	6.63	6.62		6.12	6.11	6.11		5.89	5.89	5.88		5.89	5.89	5.88		5.89	5.89	5.88		5.89	5.89	5.88	
	Amps	17.6	17.5	17.5		20.3	20.3	20.2		23.3	23.3	23.2		26.6	26.6	26.5		24.3	24.3	24.3		23.4	23.4	23.3		23.4	23.4	23.3		23.4	23.4	23.3		23.4	23.4	23.3	
	Hi PR	285	286	288		329	331	333		376	377	379		426	427	429		461	462	464		504	505	507		504	505	507		504	505	507		504	505	507	
	Lo PR	114	116	119		121	123	125		127	129	131		132	134	137		134	136	138		140	142	144		140	142	144		140	142	144		140	142	144	
	MBh	55.7	56.5	58.1		55.2	56.0	57.6		53.8	54.6	56.2		51.4	52.1	53.7		43.6	44.3	45.8		37.4	38.0	39.3		37.4	38.0	39.3		37.4	38.0	39.3		37.4	38.0	39.3	
1890	S/T	0.66	0.59	0.46		0.66	0.59	0.47		0.69	0.62	0.49		0.71	0.63	0.51		0.75	0.67	0.54		0.82	0.74	0.61		0.82	0.74	0.61		0.82	0.74	0.61		0.82	0.74	0.61	
	ΔT	16	15	12		16	15	11		17	15	12		16	15	11		18	16	13		17	16	12		17	16	12		17	16	12		17	16	12	
	kW	4.60	4.59	4.58		5.22	5.22	5.21		5.92	5.91	5.90		6.67	6.67	6.66		6.15	6.14	6.13		5.92	5.92	5.91		5.92	5.92	5.91		5.92	5.92	5.91		5.92	5.92	5.91	
	Amps	17.7	17.7	17.7		20.4	20.4	20.4		23.5	23.5	23.4		26.8	26.7	26.7		24.5	24.5	24.4		23.5	23.5	23.4		23.5	23.5	23.4		23.5	23.5	23.4		23.5	23.5	23.4	
	Hi PR	287	289	291		332	333	335		379	380	382																									

		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		
80		54.1	54.9	56.5	58.9	53.6	54.4	56.0	58.4	52.2	53.0	54.6	57.0	49.8	50.5	52.2	54.6	42.2	42.9	44.3	45.0	36.1	36.7	38.0	37.9	36.1	36.7	38.0	37.9		
		0.79	0.72	0.59	0.46	0.79	0.72	0.60	0.46	1.00	0.75	0.62	0.49	1.00	0.76	0.64	0.50	1.00	0.81	0.68	0.55	1.00	0.88	0.75	0.61	1.00	0.88	0.75	0.61		
		ΔT	26	25	21	18	26	25	21	18	27	25	22	18	26	25	21	18	29	27	24	19	27	25	22	19	27	25	22	19	
	1390	kW	4.52	4.52	4.51	4.55	5.15	5.14	5.13	5.18	5.84	5.84	5.83	5.88	6.60	6.59	6.58	6.63	6.09	6.08	6.08	5.76	5.87	5.87	5.86	5.43	5.87	5.87	5.86	5.43	
		Amps	17.4	17.4	17.3	17.5	20.1	20.1	20.1	20.3	23.2	23.1	23.1	23.3	26.4	26.4	26.4	26.6	24.2	24.2	24.2	22.8	23.3	23.2	23.2	21.4	23.3	23.2	23.2	21.4	
80		282	284	286	290	327	328	330	335	374	375	377	382	424	425	427	432	459	460	462	462	502	503	505	502	502	503	505	502		
		Lo PR	113	114	117	122	120	121	124	129	126	127	130	135	131	132	135	140	133	134	137	142	139	140	143	148	139	140	143	148	
		MBh	54.9	55.7	57.3	59.8	54.5	55.2	56.8	59.3	53.0	53.8	55.4	57.9	50.6	51.4	53.0	55.5	43.0	43.7	45.1	45.7	36.8	37.4	38.7	38.5	36.8	37.4	38.7	38.5	
		S/T	0.86	0.79	0.66	0.53	0.87	0.80	0.67	0.53	1.00	0.82	0.69	0.56	1.00	0.84	0.71	0.58	1.00	0.88	0.75	0.62	1.00	0.96	0.82	0.68	1.00	0.96	0.82	0.68	
		ΔT	25	23	20	17	25	23	20	17	25	24	20	17	25	23	20	17	28	26	22	17	26	24	21	18	26	24	21	18	
80		4.56	4.56	4.55	4.59	5.19	5.18	5.17	5.22	5.88	5.88	5.87	5.92	6.64	6.63	6.62	6.67	6.12	6.12	6.11	5.79	5.90	5.89	5.89	5.46	5.90	5.89	5.89	5.46		
		Amps	17.6	17.6	17.5	17.7	20.3	20.3	20.2	20.4	23.3	23.3	23.3	23.5	26.6	26.6	26.5	26.7	24.4	24.3	24.3	22.9	23.4	23.4	23.3	21.5	23.4	23.4	23.3	21.5	
		Hi PR	285	287	289	293	330	331	333	338	376	378	380	385	427	428	430	435	462	463	465	465	505	506	508	505	505	506	508	505	
		Lo PR	115	116	119	124	122	123	126	131	128	129	132	137	133	134	137	142	135	136	139	144	141	142	145	150	141	142	145	150	
		MBh	56.0	56.8	58.4	60.8	55.5	56.3	57.9	60.4	54.1	54.9	56.5	58.9	51.7	52.4	54.1	56.5	43.9	44.6	46.1	46.6	37.7	38.3	39.6	39.4	37.7	38.3	39.6	39.4	
1890		S/T	0.90	0.83	0.70	0.56	1.00	0.83	0.70	0.57	1.00	0.85	0.73	0.59	1.00	0.87	0.75	0.61	1.00	0.92	0.79	0.66	1.00	0.99	0.86	0.72	1.00	0.99	0.86	0.72	
		ΔT	24	22	19	16	24	22	19	16	24	23	19	16	24	22	19	16	27	25	21	16	25	23	20	17	25	23	20	17	
		kW	4.60	4.59	4.58	4.63	5.22	5.22	5.20	5.25	5.92	5.91	5.90	5.95	6.67	6.67	6.66	6.70	6.15	6.14	6.13	5.82	5.92	5.91	5.91	5.48	5.92	5.91	5.91	5.48	
		Amps	17.7	17.7	17.7	17.9	20.4	20.4	20.4	20.6	23.5	23.4	23.4	23.6	26.7	26.7	26.7	26.9	24.5	24.4	24.4	23.0	23.5	23.5	23.4	21.6	23.5	23.5	23.4	21.6	
		Hi PR	288	289	291	296	333	334	336	341	379	381	383	387	430	431	433	438	464	466	468	468	507	508	510	507	507	508	510	507	
		Lo PR	117	119	121	126	124	125	128	133	130	131	134	139	135	136	139	144	137	138	141	146	143	144	147	152	143	144	147	152	

1390	MBh	55.0	55.8	57.4	59.8	54.5	55.3	56.9	59.4	53.1	53.9	55.5	57.9	50.7	51.4	53.1	55.5	43.0	43.7	45.2	45.8	36.8	37.5	38.8	38.6	36.8	37.5	38.8	38.6
	S/T	1.00	0.81	0.69	0.55	1.00	0.82	0.69	0.56	1.00	0.84	0.71	0.58	1.00	0.86	0.73	0.60	1.00	1.00	0.77	0.65	1.00	1.00	0.85	0.71	1.00	1.00	0.85	0.71
	ΔT	30	28	25	21	30	28	25	21	30	28	25	22	30	28	25	21	33	31	28	22	31	29	26	22	31	29	26	22
	kW	4.53	4.53	4.52	4.57	5.16	5.15	5.14	5.19	5.86	5.85	5.84	5.89	6.61	6.61	6.60	6.64	6.10	6.09	6.09	5.77	5.88	5.87	5.87	5.44	5.88	5.87	5.87	5.44
	Amps	17.5	17.4	17.4	17.6	20.2	20.1	20.1	20.3	23.2	23.2	23.1	23.3	26.5	26.5	26.4	26.6	24.3	24.2	24.2	22.8	23.3	23.3	23.2	21.4	23.3	23.3	23.2	21.4
85 1640	Hi PR	284	285	287	292	328	329	331	336	375	376	378	383	425	426	428	433	460	461	463	463	503	504	506	503	503	504	506	503
	Lo PR	115	116	119	124	121	123	126	130	127	129	132	136	132	134	137	142	134	136	139	143	140	142	145	149	140	142	145	149
	MBh	55.8	56.6	58.2	60.7	55.4	56.1	57.7	60.2	54.0	54.7	56.3	58.8	51.5	52.3	53.9	56.4	43.8	44.5	45.9	46.5	37.5	38.2	39.5	39.2	37.5	38.2	39.5	39.2
	S/T	1.00	0.88	0.76	0.62	1.00	0.89	0.76	0.63	1.00	0.91	0.79	0.65	1.00	1.00	0.80	0.67	1.00	1.00	0.85	0.72	1.00	1.00	0.92	0.78	1.00	1.00	0.92	0.78
	ΔT	28	27	24	20	28	27	23	20	29	27	24	20	28	27	23	20	32	30	26	21	29	28	24	21	29	28	24	21
1890	kW	4.57	4.57	4.56	4.61	5.20	5.19	5.18	5.23	5.90	5.89	5.88	5.93	6.65	6.65	6.64	6.68	6.13	6.13	6.12	5.80	5.90	5.90	5.89	5.47	5.90	5.90	5.89	5.47
	Amps	17.6	17.6	17.6	17.8	20.3	20.3	20.3	20.5	23.4	23.4	23.3	23.5	26.7	26.6	26.6	26.8	24.4	24.4	24.3	23.0	23.4	23.4	23.4	21.5	23.4	23.4	23.4	21.5
	Hi PR	287	288	290	295	331	332	334	339	378	379	381	386	428	429	431	436	463	464	466	466	506	507	509	506	506	507	509	506
	Lo PR	117	118	121	126	123	125	128	132	129	131	134	138	134	136	139	144	136	138	141	145	142	144	147	151	142	144	147	151
	MBh	56.9	57.7	59.3	61.7	56.4	57.2	58.8	61.3	55.0	55.8	57.4	59.9	52.6	53.4	55.0	57.4	44.7	45.4	46.9	47.4	38.4	39.0	40.3	40.1	38.4	39.0	40.3	40.1
1890	S/T	1.00	0.92	0.79	0.66	1.00	0.93	0.80	0.67	1.00	0.95	0.82	0.69	1.00	1.00	0.84	0.71	1.00	1.00	0.89	0.76	1.00	1.00	0.96	0.82	1.00	1.00	0.96	0.82
	ΔT	27	26	22	19	27	26	22	19	28	26	23	19	27	26	22	19	30	29	25	20	28	26	23	20	28	26	23	20
	kW	4.61	4.60	4.59	4.64	5.23	5.23	5.22	5.26	5.93	5.92	5.91	5.96	6.68	6.68	6.67	6.72	6.16	6.15	6.14	5.83	5.93	5.92	5.92	5.49	5.93	5.92	5.92	5.49
	Amps	17.8	17.8	17.7	17.9	20.5	20.5	20.4	20.6	23.5	23.5	23.5	23.7	26.8	26.8	26.7	26.9	24.5	24.5	24.5	23.1	23.5	23.5	23.5	21.6	23.5	23.5	23.5	21.6
	Hi PR	289	291	293	298	334	335	337	342	381	382	384	389	431	432	434	439	466	467	469	469	508	510	511	508	508	510	511	508
	Lo PR	119	120	123	128	126	127	130	135	132	133	136	141	137	138	141	146	139	140	143	147	145	146	149	154	145	146	149	154

IDB = Entering Indoor Dry Bulb Temperature

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

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

Shaded area is AHRI conditions

kW = Total system power

Amps = outdoor unit amps (comp + fan)

ASXS6S1810A* / AHVE24BP1400A*				
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°	17,800	13,200	4,600	1,210
80°	17,600	13,300	4,300	1,285
85°	17,400	13,400	4,000	1,360
90°	17,000	13,300	3,700	1,440
95°	16,600	13,100	3,500	1,520
100°	16,200	12,900	3,300	1,610
105°	15,700	12,700	3,000	1,700
110°	15,300	12,800	2,500	1,810
115°	14,800	12,900	1,900	1,920
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	16,000	12,800	3,200	1,520

ASXS6S1810A* / AHVE24BP1400A*				
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°	18,800	13,600	5,200	1,350
80°	18,600	13,700	4,900	1,500
85°	18,300	13,700	4,600	1,550
90°	17,900	13,600	4,300	1,600
95°	17,500	13,500	4,000	1,700
100°	17,000	13,300	3,700	1,800
105°	16,500	13,100	3,400	1,900
110°	16,100	13,200	2,900	2,000
115°	15,600	13,200	2,400	2,150
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	16,900	13,200	3,700	1,700

ASXS6S2410A* / AHVE24BP1400A*				
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°	23,800	17,400	6,400	1,740
80°	23,500	17,500	6,000	1,850
85°	23,200	17,600	5,600	1,960
90°	22,700	17,500	5,200	2,080
95°	22,200	17,300	4,900	2,200
100°	21,600	17,100	4,500	2,330
105°	21,000	16,800	4,200	2,460
110°	20,400	16,900	3,500	2,620
115°	19,800	17,000	2,800	2,780
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	21,400	16,900	4,500	2,200

ASXS6S2410A* / AHVE24BP1400A*				
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°	25,100	18,000	7,100	1,950
80°	24,800	18,100	6,700	2,100
85°	24,500	18,100	6,400	2,150
90°	24,000	18,000	6,000	2,300
95°	23,400	17,800	5,600	2,450
100°	22,800	17,600	5,200	2,600
105°	22,100	17,300	4,800	2,700
110°	21,500	17,400	4,100	2,900
115°	20,900	17,400	3,500	3,050
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	22,600	17,400	5,200	2,450

ASXS6S3010A* / AHVE36CP1400A*				
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°	29,800	21,800	8,000	2,230
80°	29,500	21,800	7,700	2,370
85°	29,100	21,800	7,300	2,510
90°	28,500	21,600	6,900	2,660
95°	27,800	21,400	6,400	2,810
100°	27,000	21,100	5,900	2,975
105°	26,200	20,700	5,500	3,140
110°	25,500	20,800	4,700	3,340
115°	24,800	20,800	4,000	3,540
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	26,800	20,900	5,900	2,810

ASXS6S3010A* / AHVE36CP1400A*				
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°	31,500	22,600	8,900	2,450
80°	31,100	22,700	8,400	2,600
85°	30,700	22,800	7,900	2,750
90°	30,100	22,600	7,500	2,900
95°	29,400	22,400	7,000	3,100
100°	28,600	22,100	6,500	3,300
105°	27,800	21,700	6,100	3,450
110°	26,700	21,500	5,200	3,700
115°	25,500	21,200	4,300	3,900
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	28,400	21,800	6,600	3,100

PERFORMANCE DATA FOR STANDARD OPERATING MODE (CONT.)

ASXS6S3610A* / AHVE36CP1400A*				
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°	36,000	26,300	9,700	3,070
80°	35,600	26,500	9,100	3,260
85°	35,100	26,700	8,400	3,450
90°	34,400	26,500	7,900	3,655
95°	33,600	26,200	7,400	3,860
100°	32,700	25,800	6,900	4,090
105°	31,700	25,400	6,300	4,320
110°	28,900	24,200	4,700	4,565
115°	26,000	22,900	3,100	4,810
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	32,400	25,600	6,800	3,870

ASXS6S3610A* / AHVE36CP1400A*				
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°	38,000	27,500	10,500	3,300
80°	37,500	27,700	9,800	3,500
85°	37,000	27,800	9,200	3,750
90°	36,200	27,600	8,600	4,000
95°	35,400	27,300	8,100	4,200
100°	34,400	26,900	7,500	4,500
105°	33,400	26,500	6,900	4,700
110°	29,700	24,700	5,000	4,800
115°	26,000	22,800	3,200	4,850
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	34,100	26,600	7,500	4,200

ASXS6S4210A* / AHVE48DP1400A*				
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°	42,400	30,100	12,300	3,630
80°	41,900	30,100	11,800	3,875
85°	41,300	30,100	11,200	4,120
90°	40,400	29,900	10,500	4,385
95°	39,500	29,600	9,900	4,650
100°	38,400	29,200	9,200	4,945
105°	37,300	28,700	8,600	5,240
110°	34,400	27,100	7,300	5,255
115°	31,400	25,400	6,000	5,270
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	38,100	29,000	9,100	4,650

ASXS6S4210A* / AHVE48DP1400A*				
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°	44,500	30,600	13,900	3,900
80°	44,000	30,800	13,200	4,200
85°	43,400	30,900	12,500	4,400
90°	42,500	30,600	11,900	4,700
95°	41,500	30,300	11,200	4,950
100°	39,400	29,200	10,200	5,300
105°	37,300	28,000	9,300	5,600
110°	34,400	26,800	7,600	5,500
115°	31,400	25,500	5,900	5,300
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	40,000	29,600	10,400	4,950

ASXS6S4810A* / AHVE48DP1400A*				
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°	48,300	33,300	15,000	4,380
80°	47,700	33,400	14,300	4,680
85°	47,100	33,400	13,700	4,980
90°	46,100	33,200	12,900	5,300
95°	45,000	32,900	12,100	5,620
100°	42,800	31,700	11,100	5,985
105°	40,500	30,400	10,100	6,350
110°	29,800	23,700	6,100	3,945
115°	28,900	23,700	5,200	4,180
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	43,400	32,100	11,300	5,630

ASXS6S4810A* / AHVE48DP1400A*				
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°	50,900	33,600	17,300	4,750
80°	50,300	33,800	16,500	5,100
85°	49,700	33,900	15,800	5,400
90°	48,100	33,300	14,800	5,800
95°	46,500	32,600	13,900	6,100
100°	43,500	31,500	12,000	6,200
105°	40,500	30,400	10,100	6,350
110°	29,400	23,400	6,000	5,900
115°	25,400	20,900	4,500	5,400
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	44,900	31,900	13,000	6,100

ASXS6S6010A* / AHVE60DP1400A*				
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°	56,800	38,100	18,700	5,170
80°	56,100	38,200	17,900	5,520
85°	55,400	38,200	17,200	5,870
90°	54,200	37,900	16,300	6,245
95°	53,000	37,600	15,400	6,620
100°	49,100	35,700	13,400	6,325
105°	45,100	33,800	11,300	6,030
110°	40,000	30,900	9,100	5,900
115°	34,900	27,900	7,000	5,770
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	51,100	36,800	14,300	6,630

ASXS6S6010A* / AHVE60DP1400A*				
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°	59,500	39,200	20,300	5,800
80°	58,800	39,400	19,400	6,200
85°	58,000	39,600	18,400	6,600
90°	56,800	39,300	17,500	7,000
95°	55,500	38,900	16,600	7,450
100°	50,300	36,400	13,900	6,800
105°	45,100	33,900	11,200	6,050
110°	40,000	30,900	9,100	5,900
115°	34,900	27,900	7,000	5,800
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	53,500	38,000	15,500	7,450

ASXS601810A* / AHVE24BP1400A*				
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°	17,800	13,200	4,600	1,210
80°	17,600	13,300	4,300	1,285
85°	17,400	13,400	4,000	1,360
90°	17,000	13,300	3,700	1,440
95°	16,600	13,100	3,500	1,520
100°	16,200	12,900	3,300	1,610
105°	15,700	12,700	3,000	1,700
110°	15,300	12,800	2,500	1,810
115°	14,800	12,900	1,900	1,920
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	16,000	12,800	3,200	1,520

ASXS601810A* / AHVE24BP1400A*				
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°	18,800	13,600	5,200	1,350
80°	18,600	13,700	4,900	1,500
85°	18,300	13,700	4,600	1,550
90°	17,900	13,600	4,300	1,600
95°	17,500	13,500	4,000	1,700
100°	17,000	13,300	3,700	1,800
105°	16,500	13,100	3,400	1,900
110°	16,100	13,200	2,900	2,000
115°	15,600	13,200	2,400	2,150
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	16,900	13,200	3,700	1,700

ASXS602410A* / AHVE24BP1400A*				
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°	23,800	17,400	6,400	1,740
80°	23,500	17,500	6,000	1,850
85°	23,200	17,600	5,600	1,960
90°	22,700	17,500	5,200	2,080
95°	22,200	17,300	4,900	2,200
100°	21,600	17,100	4,500	2,330
105°	21,000	16,800	4,200	2,460
110°	20,400	16,900	3,500	2,620
115°	19,800	17,000	2,800	2,780
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	21,400	16,900	4,500	2,200

ASXS602410A* / AHVE24BP1400A*				
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°	25,100	18,000	7,100	1,950
80°	24,800	18,100	6,700	2,100
85°	24,500	18,100	6,400	2,150
90°	24,000	18,000	6,000	2,300
95°	23,400	17,800	5,600	2,450
100°	22,800	17,600	5,200	2,600
105°	22,100	17,300	4,800	2,700
110°	21,500	17,400	4,100	2,900
115°	20,900	17,400	3,500	3,050
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	22,600	17,400	5,200	2,450

PERFORMANCE DATA FOR STANDARD OPERATING MODE (CONT.)

ASXS603010A* / AHVE36CP1400A*				
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°	29,800	21,800	8,000	2,230
80°	29,500	21,800	7,700	2,370
85°	29,100	21,800	7,300	2,510
90°	28,500	21,600	6,900	2,660
95°	27,800	21,400	6,400	2,810
100°	27,000	21,100	5,900	2,975
105°	26,200	20,700	5,500	3,140
110°	25,500	20,800	4,700	3,340
115°	24,800	20,800	4,000	3,540
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	26,800	20,900	5,900	2,810

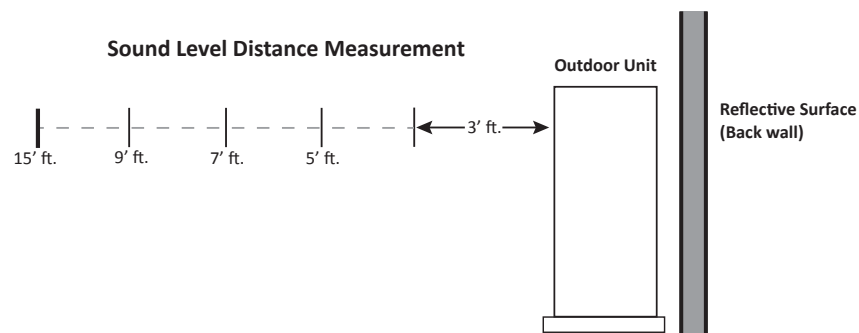
ASXS603010A* / AHVE36CP1400A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 13-15 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	31,500	22,600	8,900	2,450
80°	31,100	22,700	8,400	2,600
85°	30,700	22,800	7,900	2,750
90°	30,100	22,600	7,500	2,900
95°	29,400	22,400	7,000	3,100
100°	28,600	22,100	6,500	3,300
105°	27,800	21,700	6,100	3,450
110°	26,700	21,500	5,200	3,700
115°	25,500	21,200	4,300	3,900
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	28,400	21,800	6,600	3,100

ASXS603610A* / CAPEA3026*4A* + MBVC1600**-1A*				
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°	34,700	24,600	10,100	2,610
80°	34,300	24,700	9,600	2,780
85°	33,900	24,700	9,200	2,950
90°	33,200	24,500	8,700	3,130
95°	32,400	24,300	8,100	3,310
100°	31,500	24,000	7,500	3,510
105°	30,600	23,600	7,000	3,710
110°	28,000	22,200	5,800	3,945
115°	25,400	20,800	4,600	4,180
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	31,200	23,700	7,500	3,310

ASXS603610A* / CAPEA3026*4A* + MBVC1600**-1A*				
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°	38,000	26,800	11,200	3,050
80°	37,500	27,000	10,500	3,300
85°	37,000	27,100	9,900	3,450
90°	36,200	26,900	9,300	3,700
95°	35,400	26,600	8,800	3,900
100°	34,400	26,200	8,200	4,100
105°	33,400	25,800	7,600	4,350
110°	31,200	24,800	6,400	4,300
115°	28,900	23,800	5,100	4,200
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	34,100	26,000	8,100	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	66	52.1	60.1	61.5	59.7	55.2	48.6	47.7
2-ton	67	57.5	59.2	62.4	60.9	56.6	51.1	45.9
2.5-ton	68	56.0	60.2	63.0	62.8	58.0	54.4	46.3
3-ton	68	57.2	59.2	63.2	62.6	58.9	53.6	45.3
3.5-ton	72	58.4	62.7	65.2	68.0	63.7	60.7	48.2
4-ton	72	58.8	62.7	65.0	68.0	64.4	59.9	48.5
5-ton	74	60.0	66.2	67.0	69.8	66.1	60.0	53.5

¹Compliant with ISO3744.



		SOUND PRESSURE (dBA) COOLING MODE ¹				
		DISTANCE FROM PROPERTY LINE				
TONNAGE	REFLECTIVE SURFACE QTY.	3'	5'	7'	9'	15'
1.5-ton	0	59	54	51	49	45
	1	62	57	54	52	48
	2	65	60	57	55	51
2-ton	0	60	55	52	50	46
	1	63	58	55	53	49
	2	66	61	58	56	52
2.5-ton	0	61	56	53	51	47
	1	64	59	56	54	50
	2	67	62	59	57	53
3-ton	0	61	56	53	51	47
	1	64	59	56	54	50
	2	67	62	59	57	53
3.5-ton	0	65	60	57	55	51
	1	68	63	60	58	54
	2	71	66	63	61	57
4-ton	0	65	60	57	55	51
	1	68	63	60	58	54
	2	71	66	63	61	57
5-ton	0	67	62	59	57	53
	1	70	65	62	60	56
	2	73	68	65	63	59

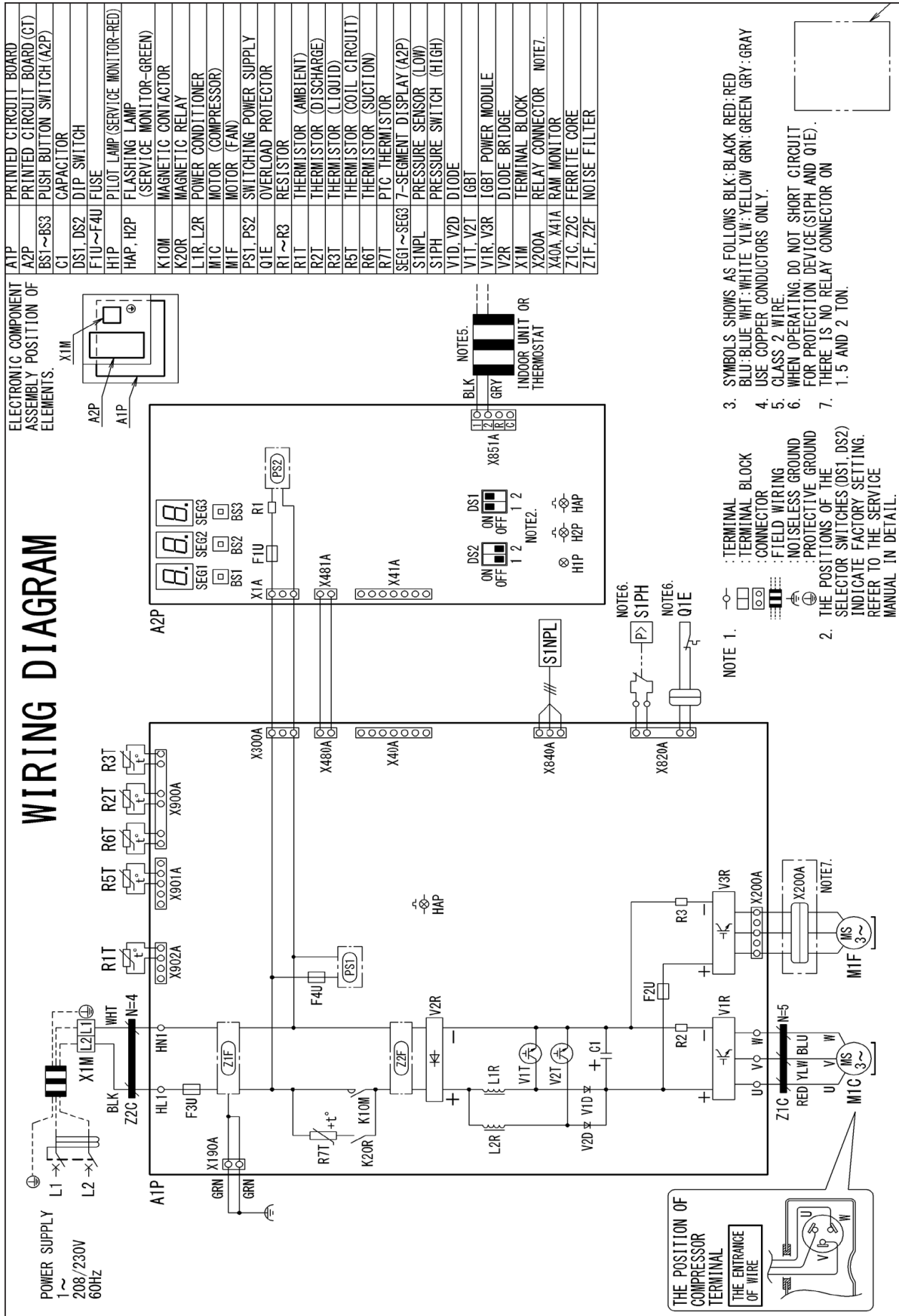
¹ Compliant with AHRI 275 utilizing standard mode, total sound levels

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

¹Compliant with ISO3744.

²Compliant with JIS B 8616 : 2006.

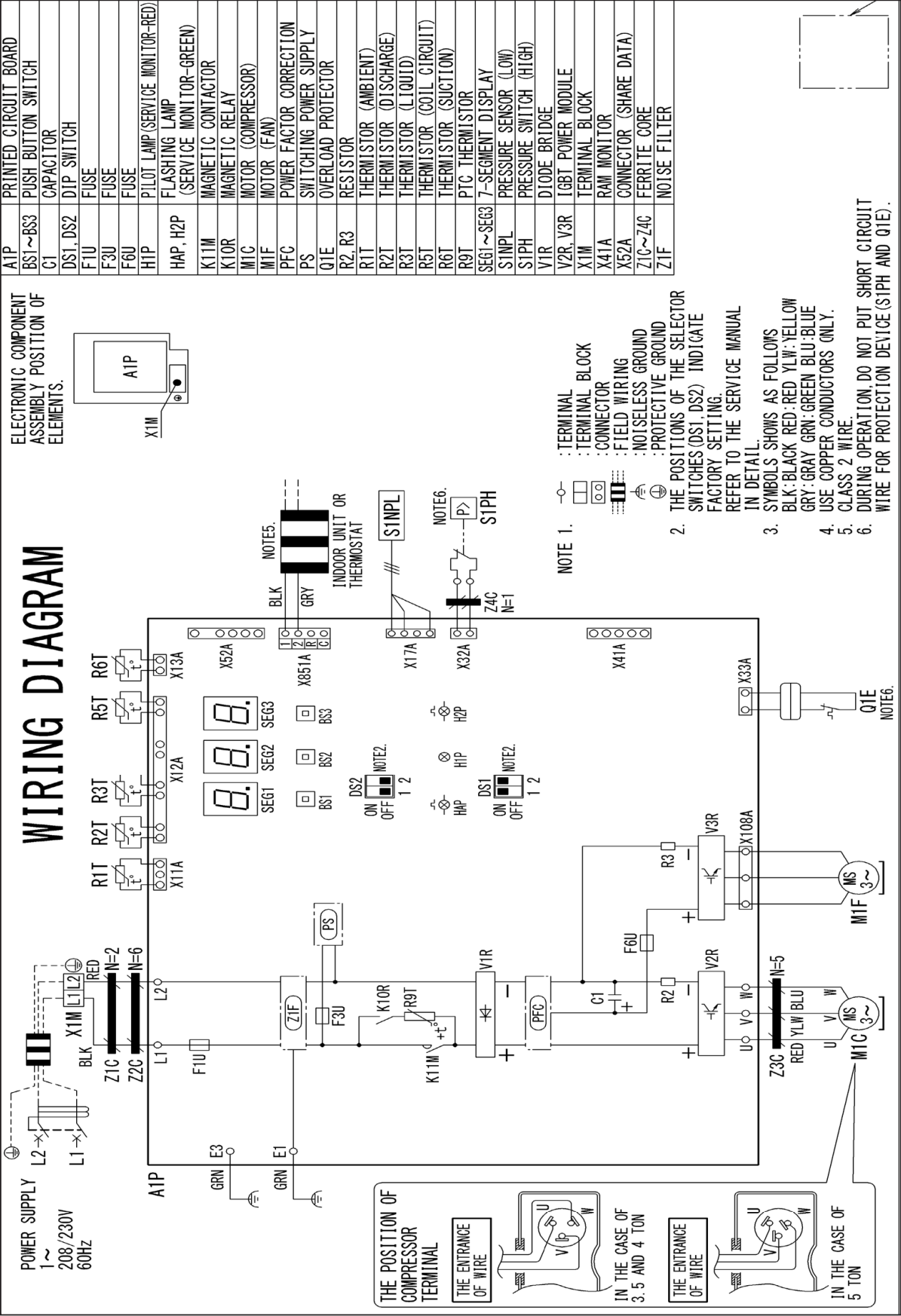
All AHRI system ratings are accessible in the System Configurator tool via PartnerLink.

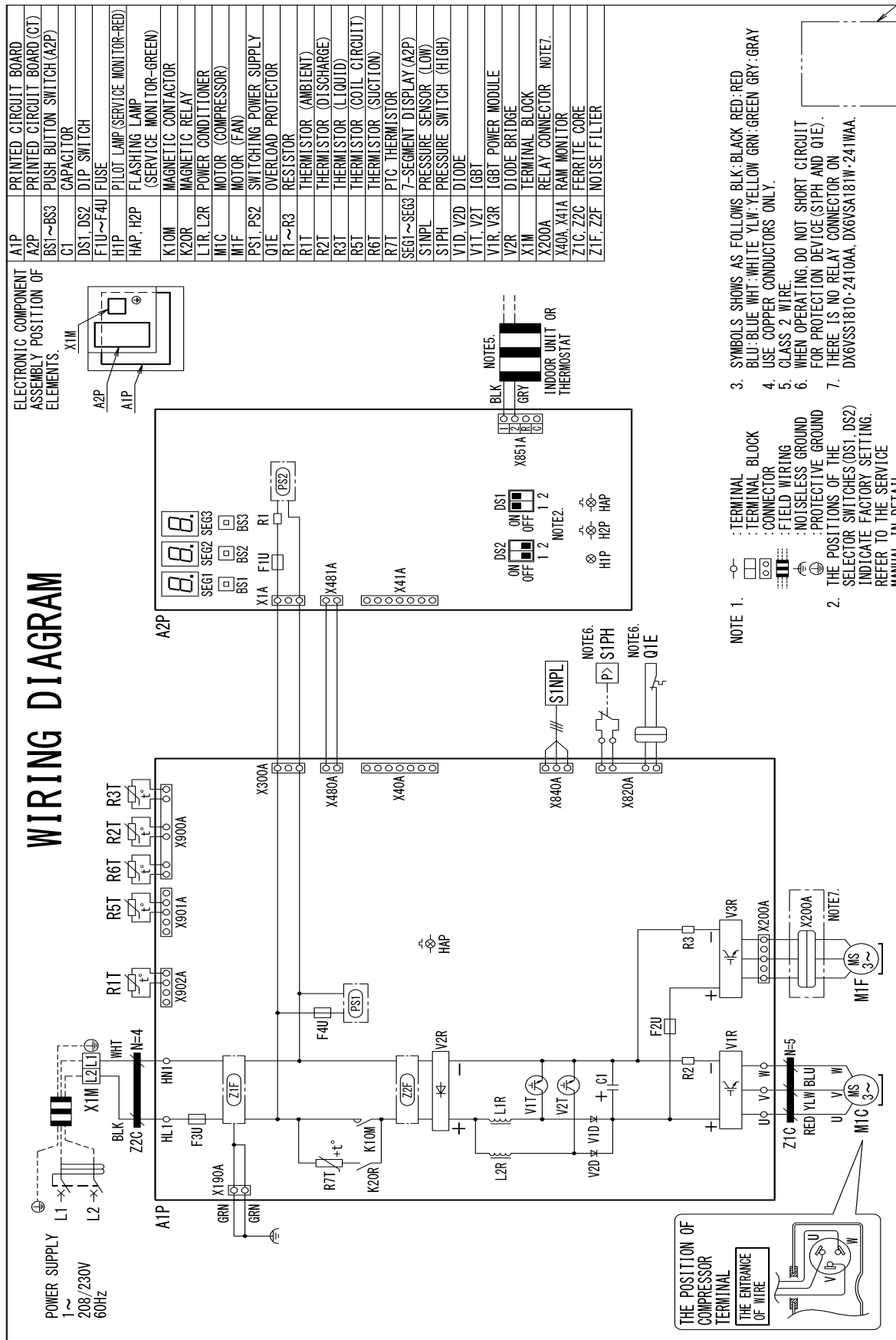


Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

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.



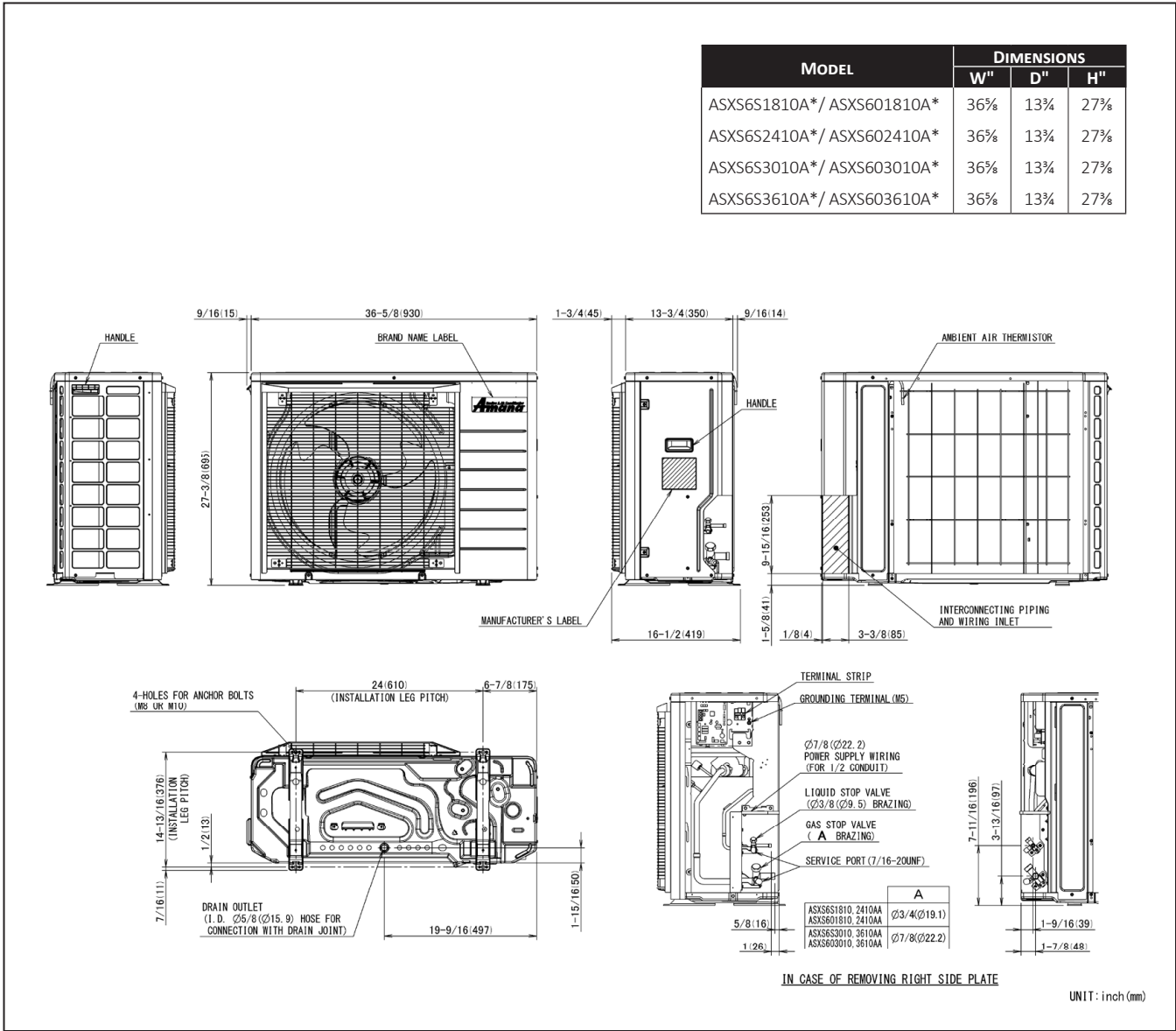


Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

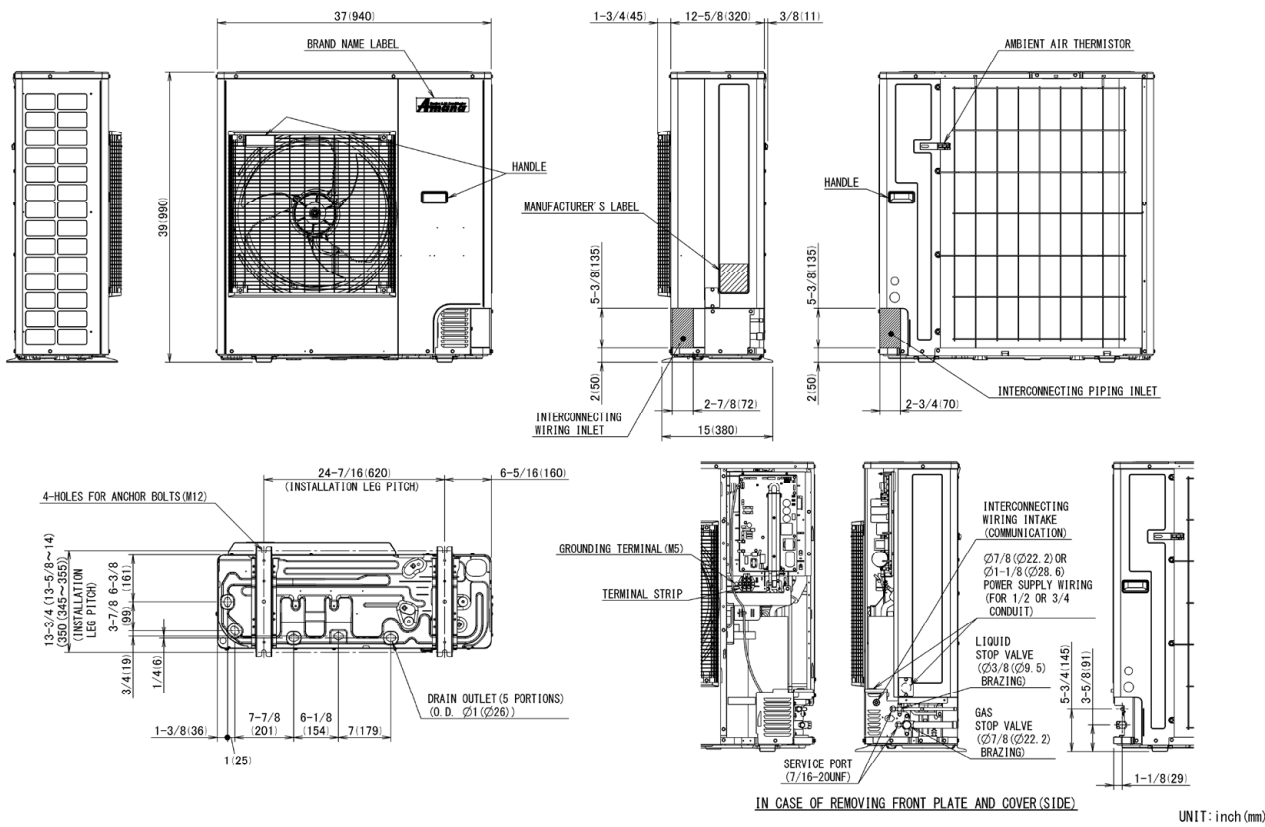


WARNING

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"
ASXS6S4210A*	37	12 $\frac{3}{4}$	39
ASXS6S4810A*	37	12 $\frac{3}{4}$	39
ASXS6S6010A*	37	12 $\frac{3}{4}$	39



MODEL	DESCRIPTION	ASXS6 S1810A*	ASXS6 S2410A*	ASXS6 S3010A*	ASXS6 S3610A*	ASXS6 S4210A*	ASXS6 S4810A*	ASXS6 S6010A*	ASXS6 01810A*	ASXS6 02410A*	ASXS6 03010A*	ASXS6 03610A*
KPW5G112	Air Adjustment Grill/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
DTA119A71	D24V Gateway	X	X	X	X	X	X	X				

[illegible]

