

**UP TO 17.2 SEER2
AND 8.5 HSPF2
1½ TO 5 TONS**

**GOODMAN SD (SIDE DISCHARGE)
HIGH-EFFICIENCY,
COMMUNICATING, VARIABLE-SPEED,
INVERTER DRIVEN
SPLIT SYSTEM HEAT PUMP**

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■ Standard Features

- Variable-speed swing compressors
- Quiet digitally commutated fan motor
- High-density compressor sound blanket
- Compatible with Goodman GTST connected thermostat and other Goodman 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 (ZAM®), unpainted steel bottom frame and legs
- 500-hour salt-spray tested
- Wire fan discharge grille
- Top and side maintenance access
- When properly anchored, meets the 2020 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

**LIFETIME
COMPRESSOR
LIMITED WARRANTY***

**10 YEAR
UNIT
REPLACEMENT
LIMITED WARRANTY***

**10 YEAR
LIMITED
WARRANTY***



COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =

COMPANY WITH
ENVIRONMENTAL SYSTEM
CERTIFIED BY DNV GL
= ISO 14001 =



* Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the Lifetime Compressor Limited Warranty (good for as long as you own your home), 10-Year Unit Replacement Limited Warranty 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 coverage in Texas and Florida differs in some cases.

	G	S	Z	S	6	0	36	1	0	A	A	
	1	2	3	4	5	6	7,8	9	10	11	12	
Brand												Minor Revision
G Goodman Brand®												A – Initial Release
Product Catalog												Major Revision
S - Split System - R-410A												A – Initial Release
Unit Type												Variation
Z – Heat Pump												0 - Standard Variant
Feature												Electrical
S – Side Discharge												1 – 208/230 V, 1 Phase, 60 Hz
SEER2												Tonnage Nominal
6 – 15.6 -17.5												18 - 1½ tons
												42- 3 Tons
												24 - 2 tons
												48- 4 Tons
												30 - 2½ tons
												60- 5 Tons
												36 - 3 tons
												Sales Region
												0 – All Regions

	GSZS6 01810A*	GSZS6 02410A*	GSZS6 03010A*	GSZS6 03610A*	GSZS6 04210A*	GSZS6 04810A*	GSZS6 06010A*
CAPACITIES (AHRI RATED)							
Max. Cooling (BTU/h)	16,600	22,200	27,800	33,600	39,500	45,000	53,000
Max. Heating (BTU/h)	17,400	23,200	28,800	34,600	40,000	45,500	54,500
AMBIENT OPERATION RANGE							
COOLING (*FDB(*CDB))	0 to 115 (-17.8 to 46.1)						
HEATING (*FDB(*CDB))	-10 to 70 (-23.3 to 21.1)						
COMPRESSOR							
Type	Swing	Swing	Swing	Swing	Swing	Swing	Swing
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.)	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Line Size (“O.D.)	¾"	¾"	⅞"	⅞"	1⅝"	1⅝"	1⅝"
Refrigerant Connection Size							
Liquid Valve Size (“O.D.)	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Valve Size (“O.D.)	¾"	¾"	⅞"	⅞"	⅞"	⅞"	⅞"
Valve Connection Type	Front Sealing	Front Sealing	Front Sealing	Front Sealing	Front and Back Sealing	Front and Back Sealing	Front and Back Sealing
Refrigerant Charge (oz.)	81	81	88	88	118	118	127
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	½"	½"	½"	½"	½" or ¾"	½" or ¾"	½" or ¾"
EQUIPMENT WEIGHT (LBS)	122	122	132	137	168	168	179
SHIP WEIGHT (LBS)	137	137	147	151	185	185	198

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

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

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

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
 - Installer will need to supply 3/8" to 1 1/8" adapters for suction line connections.
 - Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- (See table below for allowable line set diameter)

UNIT TONS	ALLOWABLE LINE SET DIAMETER						
	LIQUID			SUCTION			
	1/4"	5/16"	3/8"	1/2"	3/4"	7/8"	1 1/8"
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	GSZS6*361*A*	
INDOOR UNIT	G*VC960403B/0603B G*VM970603B G*VC800603B/0803B MBVC1200 G*VS960805CU	TRIM MORE THAN 10% SETTINGS ARE INVALID. TRIMMED UP CFM MAKES MISS MATCHING ERROR.

OUTDOOR UNIT	GSZS6*601*A*	
INDOOR UNIT	G*VC960804C G*VM970804C G*VC800804C	TRIM MORE THAN 5% SETTINGS ARE INVALID. TRIMMED UP CFM MAKES MISS MATCHING ERROR.

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SS-GSZS6

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		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																							
				65°F				75°F				85°F				95°F				105°F				115°F			
				59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	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	
80	610	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	1.53	1.71	1.71	1.70	1.72	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	5.1	5.9	5.9	5.9	5.9	6.6	6.6	6.6	6.7	7.6	7.6	7.6	7.6	
80	610	Hi PR	247	246	248	252	283	284	286	290	323	324	326	330	366	367	373	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	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	520	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	5.1	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	610	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	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	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.
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)

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)

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)

DB = 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.

EXPANDED COOLING DATA — GSZS602410A* / AHVE24BP1400A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																																
		65°F						75°F						85°F						95°F						105°F						115°F																		
IDB	AIRFLOW	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203												
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	100	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
	S/T	29	27	20	17	25	23	20	17	25	24	20	17	25	23	20	17	25	23	20	17	26	24	21	18	200	172	144	116	88	60	32	4	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	
	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	3.03	3.03	3.03	3.04	3.29	3.29	3.29	3.30	3.55	3.55	3.55	3.56	3.81	3.81	3.81	3.81	4.06	4.06	4.06	4.06	4.31	4.31			
	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	12.3	12.3	12.3	12.3	13.7	13.7	13.7	13.7	15.1	15.1	15.1	15.1	16.5	16.5	16.5	16.5	17.9	17.9	17.9	17.9	19.3	19.3			
	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	548	549	551	552	576	576	576	576	600	600	600	600	624	624	624	624	648	648	648	648	672	672			
	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	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200			
800	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	100	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	0.80	0.66	1.00	1.00	0.86	0.71	100	0.86	0.71	0.56	
	S/T	27	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	23	22	19	16	24	23	20	17	200	172	144	116	88	60	32	4	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	
	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	3.03	3.03	3.03	3.04	3.29	3.29	3.29	3.30	3.55	3.55	3.55	3.56	3.81	3.81	3.81	3.81	4.06	4.06	4.06	4.06	4.31	4.31			
	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	12.3	12.3	12.3	12.3	13.7	13.7	13.7	13.7	15.1	15.1	15.1	15.1	16.5	16.5	16.5	16.5	17.9	17.9	17.9	17.9	19.3	19.3			
	Hi PR	262	265	267	272	305	306	308	313	348	350	351	356	395	395	396	402	445	446	448	453	498	500	501	506	549	550	551	552	577	577	577	577	601	601	601	601	625	625	625	625	649	649	649	649	673	673			
	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	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200					
920	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	100	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	0.84	0.70	1.00	1.00	0.89	0.75	100	0.89	0.75	0.60	
	S/T	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	22	21	18	15	24	22	19	16	200	172	144	116	88	60	32	4	24	21	18	15	24	21	18	15	24	21	18	15	24	21	18	15	
	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	3.03	3.03	3.03	3.04	3.29	3.29	3.29	3.30	3.55	3.55	3.55	3.56	3.81	3.81	3.81	3.81	4.06	4.06	4.06	4.06	4.31	4.31			
	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	12.3	12.3	12.3	12.3	13.7	13.7	13.7	13.7	15.1	15.1	15.1	15.1	16.5	16.5	16.5	16.5	17.9	17.9	17.9	17.9	19.3	19.3			
	Hi PR	267	268	270	274	308	309	311	315	351	352	354	359	397	397	399	400	448	449	451	455	501	502	504	509	550	551	552	553	578	578	578	578	602	602	602	602	626	626	626	626	650	650	650	650	674	674			
	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	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200							

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
	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
	800	ΔT	31	25	22	19	27	25	22	19	27	25	22	19	27	25	22	19	27	25	22	19	28	26	23
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
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	1.00	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
920	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
	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.
 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	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	-				
70	Lo PR	124	125	129	-	132	133	136	-	138	140	143	-	144	145	149	-	149	151	154	-	156	158	161	-				
	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	-				
1160	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	-				
	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	-				
75	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	-				
	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				
860	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				
	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	27.6	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				
1010	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				
	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				
1160	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.																								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.

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)

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	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211	215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359	363	367	371	375	379	383	387	391	395	399	403	407	411	415	419	423	427	431	435	439	443	447	451	455	459	463	467	471	475	479	483	487	491	495	499	503	507	511	515	519	523	527	531	535	539	543	547	551	555	559	563	567	571	575	579	583	587	591	595	599	603	607	611	615	619	623	627	631	635	639	643	647	651	655	659	663	667	671	675	679	683	687	691	695	699	703	707	711	715	719	723	727	731	735	739	743	747	751	755	759	763	767	771	775	779	783	787	791	795	799	803	807	811	815	819	823	827	831	835	839	843	847	851	855	859	863	867	871	875	879	883	887	891	895	899	903	907	911	915	919	923	927	931	935	939	943	947	951	955	959	963	967	971	975	979	983	987	991	995	999	1003	1007	1011	1015	1019	1023	1027	1031	1035	1039	1043	1047	1051	1055	1059	1063	1067	1071	1075	1079	1083	1087	1091	1095	1099	1103	1107	1111	1115	1119	1123	1127	1131	1135	1139	1143	1147	1151	1155	1159	1163	1167	1171	1175	1179	1183	1187	1191	1195	1199	1203	1207	1211	1215	1219	1223	1227	1231	1235	1239	1243	1247	1251	1255	1259	1263	1267	1271	1275	1279	1283	1287	1291	1295	1299	1303	1307	1311	1315	1319	1323	1327	1331	1335	1339	1343	1347	1351	1355	1359	1363	1367	1371	1375	1379	1383	1387	1391	1395	1399	1403	1407	1411	1415	1419	1423	1427	1431	1435	1439	1443	1447	1451	1455	1459	1463	1467	1471	1475	1479	1483	1487	1491	1495	1499	1503	1507	1511	1515	1519	1523	1527	1531	1535	1539	1543	1547	1551	1555	1559	1563	1567	1571	1575	1579	1583	1587	1591	1595	1599	1603	1607	1611	1615	1619	1623	1627	1631	1635	1639	1643	1647	1651	1655	1659	1663	1667	1671	1675	1679	1683	1687	1691	1695	1699	1703	1707	1711	1715	1719	1723	1727	1731	1735	1739	1743	1747	1751	1755	1759	1763	1767	1771	1775	1779	1783	1787	1791	1795	1799	1803	1807	1811	1815	1819	1823	1827	1831	1835	1839	1843	1847	1851	1855	1859	1863	1867	1871	1875	1879	1883	1887	1891	1895	1899	1903	1907	1911	1915	1919	1923

85	860	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
		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	
	1010	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	0.75	0.75	1.00	1.00	1.00	0.80
		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	
1160	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	
	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	0.79	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	

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

IDB		OUTDOOR AMBIENT TEMPERATURE																115°F																												
		65°F								75°F								85°F								95°F								105°F												
		ENTERING INDOOR WET BULB TEMPERATURE																																												
		59	63	67	71	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	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	-	27.5	27.9	28.9	-	27.5	27.9	28.9	-	27.5	27.9	28.9	-	27.5	27.9	28.9	-	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	-	1.00	0.68	0.53	-	1.00	0.68	0.53	-	1.00	0.68	0.53	-	1.00	0.68	0.53	-	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	-	21	19	16	-	21	19	16	-	21	19	16	-	21	19	16	-	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	-	4.79	4.79	4.79	-	4.79	4.79	4.79	-	4.79	4.79	4.79	-	4.79	4.79	4.79	-	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	-	18.5	18.5	18.5	-	18.5	18.5	18.5	-	18.5	18.5	18.5	-	18.5	18.5	18.5	-	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	-	532	533	535	-	532	533	535	-	532	533	535	-	532	533	535	-	532	533	535	-
	Lo PR	124	124	128	-	-	131	133	136	-	138	139	142	-	143	145	148	-	149	150	153	-	153	155	158	-	153	155	158	-	153	155	158	-	153	155	158	-	153	155	158	-	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	-	28.0	28.5	29.5	-	28.0	28.5	29.5	-	28.0	28.5	29.5	-	28.0	28.5	29.5	-	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	-	1.00	0.75	0.61	-	1.00	0.75	0.61	-	1.00	0.75	0.61	-	1.00	0.75	0.61	-	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	-	19	18	14	-	19	18	14	-	19	18	14	-	19	18	14	-	19	18	14	-
	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	-	4.81	4.81	4.81	-	4.81	4.81	4.81	-	4.81	4.81	4.81	-	4.81	4.81	4.81	-	4.81	4.81	4.81	-
1450	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	-	18.6	18.6	18.5	-	18.6	18.6	18.5	-	18.6	18.6	18.5	-	18.6	18.6	18.5	-	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	-	535	536	538	-	535	536	538	-	535	536	538	-	535	536	538	-	535	536	538	-
	Lo PR	125	127	130	-	-	133	135	138	-	140	141	145	-	145	147	150	-	151	152	156	-	155	157	160	-	151	152	156	-	151	152	156	-	151	152	156	-	151	152	156	-	151	152	156	-
	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	-	28.6	29.1	30.1	-	28.6	29.1	30.1	-	28.6	29.1	30.1	-	28.6	29.1	30.1	-	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	-	1.00	0.79	0.65	-	1.00	0.79	0.65	-	1.00	0.79	0.65	-	1.00	0.79	0.65	-	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	-	18	17	13	-	18	17	13	-	18	17	13	-	18	17	13	-	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	-	4.83	4.83	4.82	-	4.83	4.83	4.82	-	4.83	4.83	4.82	-	4.83	4.83	4.82	-	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	-	18.7	18.6	18.6	-	18.7	18.6	18.6	-	18.7	18.6	18.6	-	18.7	18.6	18.6	-	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	-	537	539	541	-	537	539	541	-	537	539	541	-	537	539	541	-	537	539	541	-
	Lo PR	128	130	133	-	-	136	137	140	-	142	144	147	-	148	149	153	-	153	155	158	-	158	159	162	-	158	159	162	-	158	159	162	-	158	159	162	-	158	159	162	-	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	27.5	28.0	29.0	27.3	27.5	28.0	29.0	27.3	27.5	28.0	29.0	27.3	27.5	28.0	29.0	27.3	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	1.00	1.00	0.67	0.52	1.00	1.00	0.67	0.52	1.00	1.00	0.67	0.52	1.00	1.00	0.67	0.52	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	25	23	20	16	25	23	20	16	25	23	20	16	25	23	20	16	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	4.79	4.79	4.78	3.93	4.79	4.79	4.78	3.93	4.79	4.79	4.78	3.93	4.79	4.79	4.78	3.93	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	18.5	18.5	18.4	15.2	18.5	18.5	18.4	15.2	18.5	18.5	18.4	15.2	18.5	18.5	18.4	15.2	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	532	533	535	530	532	533	535	530	532	533	535	530	532	533	535	530	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	153	155	158	166	153	155	158	166	153	155	158	166	153	155	158	166	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	28.0	28.5	29.5	27.8	28.0	28.5	29.5	27.8	28.0	28.5	29.5	27.8	28.0	28.5	29.5	27.8	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																										

		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	59	63	67	71	71	
80	MBh	30.4	32.4	35.8	37.4	37.4	34.0	34.5	35.5	37.1	37.1	33.1	33.6	34.6	36.2	36.2	31.6	32.0	33.1	34.6	34.6	29.7	30.2	31.2	32.8	32.8	27.7	28.1	29.1	27.5	27.5	27.7	28.1	29.1	27.5	27.5	
	S/T	1.00	0.81	0.65	0.50	0.50	1.00	0.80	0.66	0.51	0.51	1.00	0.82	0.68	0.54	0.54	1.00	1.00	0.70	0.56	0.56	1.00	1.00	0.72	0.58	0.58	1.00	1.00	0.80	0.66	0.66	1.00	1.00	0.80	0.66	0.66	
	ΔT	27	26	19	16	16	24	22	19	16	16	24	22	20	17	17	24	22	19	16	16	24	22	19	16	16	29	27	24	20	20	29	27	24	20	20	
	kW	2.21	2.38	2.71	2.74	2.74	3.06	3.06	3.05	3.08	3.08	3.44	3.44	3.43	3.46	3.46	3.85	3.85	3.84	3.87	3.87	4.31	4.31	4.30	4.33	4.33	4.79	4.79	4.78	3.93	3.93	4.79	4.79	4.78	3.93	3.93	
	Amps	7.7	8.4	9.4	9.5	9.5	10.9	10.9	10.9	11.0	11.0	12.6	12.6	12.6	12.7	12.7	14.4	14.4	14.4	14.3	14.5	16.4	16.4	16.3	16.5	16.5	18.5	18.5	18.5	15.2	15.2	18.5	18.5	18.5	15.2	15.2	
	Hi PR	275	279	282	287	287	323	324	326	331	331	369	370	372	377	377	418	420	422	426	426	472	473	475	480	480	533	534	536	530	530	533	534	536	530	530	
	Lo PR	124	125	129	134	134	132	133	136	142	142	138	140	143	148	148	144	145	149	154	154	149	151	154	159	159	154	155	158	167	167	154	155	158	167	167	
1260	MBh	32.4	35.3	36.3	37.9	37.9	34.5	35.0	36.0	37.6	37.6	33.6	34.1	35.1	36.7	36.7	32.1	32.6	33.6	35.2	35.2	30.2	30.7	31.7	33.3	33.3	28.2	28.6	29.7	27.9	27.9	28.2	28.6	29.7	27.9	27.9	
	S/T	1.00	0.87	0.73	0.58	0.58	1.00	0.87	0.73	0.59	0.59	1.00	0.90	0.76	0.61	0.61	1.00	1.00	0.78	0.63	0.63	1.00	1.00	0.80	0.66	0.66	1.00	1.00	0.88	0.74	0.74	1.00	1.00	0.88	0.74	0.74	
	ΔT	26	21	18	15	15	23	21	18	15	15	23	21	18	15	15	23	21	18	15	15	22	21	18	15	15	27	26	22	18	18	27	26	22	18	18	
	kW	2.40	2.74	2.73	2.76	2.76	3.08	3.08	3.07	3.10	3.10	3.46	3.46	3.45	3.48	3.48	3.87	3.87	3.86	3.89	3.89	4.33	4.33	4.32	4.35	4.35	4.81	4.81	4.81	3.95	3.95	4.81	4.81	4.81	3.95	3.95	
	Amps	8.5	9.6	9.5	9.6	9.6	11.0	11.0	11.0	11.1	11.1	12.7	12.7	12.7	12.8	12.8	14.5	14.5	14.5	14.6	14.6	16.5	16.5	16.4	16.6	16.6	18.6	18.6	18.6	15.3	15.3	18.6	18.6	18.6	15.3	15.3	
	Hi PR	280	283	285	290	290	326	327	329	334	334	372	373	375	380	380	421	423	425	429	429	475	476	478	483	483	535	537	539	533	533	535	537	539	533	533	
	Lo PR	125	128	131	136	136	134	135	139	144	144	140	142	145	150	150	146	148	151	156	156	152	153	156	161	161	156	157	160	169	169	156	157	160	169	169	
1450	MBh	35.5	36.0	37.0	38.6	38.6	35.2	35.7	36.7	38.3	38.3	34.3	34.8	35.8	37.4	37.4	32.8	33.2	34.3	35.8	35.8	30.9	31.4	32.4	33.9	33.9	28.8	29.3	30.3	28.5	28.5	28.8	29.3	30.3	28.5	28.5	
	S/T	1.00	0.91	0.77	0.62	0.62	1.00	0.91	0.77	0.63	0.63	1.00	0.94	0.80	0.65	0.65	1.00	1.00	0.82	0.67	0.67	1.00	1.00	0.84	0.70	0.70	1.00	1.00	0.92	0.78	0.78	1.00	1.00	0.92	0.78	0.78	
	ΔT	22	20	17	14	14	22	20	17	14	14	22	20	17	14	14	22	20	17	14	14	22	20	17	14	14	26	25	21	17	17	26	25	21	17	17	
	kW	2.76	2.75	2.75	2.77	2.77	3.10	3.09	3.09	3.12	3.12	3.48	3.47	3.47	3.49	3.49	3.89	3.89	3.88	3.91	3.91	4.35	4.34	4.34	4.36	4.36	4.83	4.83	4.82	3.97	3.97	4.83	4.82	4.82	3.97	3.97	
	Amps	9.6	9.6	9.6	9.7	9.7	11.1	11.1	11.1	11.2	11.2	12.8	12.8	12.7	12.8	12.8	14.6	14.5	14.5	14.5	14.6	16.6	16.5	16.5	16.6	16.6	18.7	18.6	18.6	15.4	15.4	18.7	18.6	18.6	15.4	15.4	
	Hi PR	284	286	288	293	293	328	330	332	336	336	375	376	378	383	383	424	425	427	432	432	478	479	481	486	486	538	539	541	536	536	538	539	541	536	536	
	Lo PR	129	130	133	139	139	136	138	141	146	146	143	144	148	153	153	148	150	153	158	158	154	156	159	164	164	158	160	163	171	171	158	160	163	171	171	

1070	MBh	30.9	32.9	36.4	37.9	37.9	34.6	35.1	36.1	37.6	37.6	33.7	34.2	35.2	36.7	36.7	32.1	32.6	33.6	35.2	35.2	30.3	30.7	31.8	33.3	33.3	28.2	28.7	29.7	28.0	
	S/T	1.00	0.91	0.75	0.61	0.61	1.00	0.90	0.76	0.61	0.61	1.00	1.00	0.79	0.64	0.64	1.00	1.00	0.81	0.66	0.66	1.00	1.00	0.83	0.68	1.00	1.00	1.00	0.77	0.77	
	ΔT	31	30	22	19	19	27	25	22	19	19	27	26	23	20	20	27	25	22	19	19	27	25	22	19	32	31	27	23	23	
	kW	2.21	2.39	2.72	2.74	2.74	3.06	3.06	3.06	3.08	3.08	3.44	3.44	3.44	3.46	3.46	3.86	3.85	3.85	3.87	3.87	4.31	4.31	4.31	4.33	4.80	4.80	4.79	3.94	3.94	
	Amps	7.7	8.4	9.5	9.6	9.6	11.0	11.0	10.9	11.1	11.1	12.6	12.6	12.6	12.7	12.7	14.4	14.4	14.4	14.5	14.5	16.4	16.4	16.4	16.5	18.5	18.5	18.5	15.3	15.3	
	Hi PR	277	280	283	288	288	324	325	327	332	332	370	371	373	378	378	420	421	423	428	428	473	474	476	481	534	535	537	531	531	
	Lo PR	126	127	131	136	136	134	135	138	143	143	140	142	145	150	150	146	147	150	156	156	151	153	156	161	161	156	157	160	168	168
1260	MBh	33.0	35.9	36.9	38.5	38.5	35.1	35.6	36.6	38.2	38.2	34.2	34.7	35.7	37.3	37.3	32.7	33.2	34.2	35.7	35.7	30.8	31.3	32.3	33.9	33.9	28.7	29.2	30.2	28.5	28.5
	S/T	1.00	0.97	0.83	0.69	0.69	1.00	1.00	0.84	0.69	0.69	1.00	1.00	0.86	0.72	0.72	1.00	1.00	0.88	0.74	0.74	1.00	1.00	0.91	0.76	1.00	1.00	1.00	0.84	0.84	
	ΔT	30	24	21	18	18	26	24	21	18	18	26	24	21	18	18	26	24	21	18	18	26	24	21	18	31	29	26	22	22	
	kW	2.41	2.74	2.74	2.76	2.76	3.09	3.08	3.08	3.10	3.10	3.47	3.46	3.46	3.48	3.48	3.88	3.87	3.87	3.89	3.89	4.34	4.33	4.33	4.35	4.82	4.82	4.81	3.96	3.96	
	Amps	8.5	9.6	9.6	9.7	9.7	11.1	11.1	11.0	11.1	11.1	12.7	12.7	12.7	12.8	12.8	14.5	14.5	14.5	14.6	14.6	16.5	16.5	16.5	16.6	18.6	18.6	18.6	15.3	15.3	
	Hi PR	282	284	286	291	291	327	328	330	335	335	373	374	376	381	381	423	424	426	431	431	476	477	479	484	537	538	540	534	534	
	Lo PR	127	130	133	138	138	136	137	140	146	146	142	144	147	152	152	148	149	153	158	158	153	155	158	163	158	159	162	171	171	
1450	MBh	36.1	36.6	37.6	39.1	39.1	35.8	36.2	37.3	38.8	38.8	34.9	35.4	36.4	37.9	37.9	33.3	33.8	34.8	36.4	36.4	31.5	31.9	33.0	34.5	34.5	29.4	29.9	30.9	29.0	29.0
	S/T	1.00	1.00	0.87	0.72	0.72	1.00	1.00	0.88	0.73	0.73	1.00	1.00	0.90	0.76	0.76	1.00	1.00	0.92	0.78	0.78	1.00	1.00	1.00	0.80	1.00	1.00	1.00	0.88	0.88	
	ΔT	25	23	20	17	17	25	23	20	17	17	25	23	21	18	18	25	23	20	17	17	25	23	20	17	30	28	25	21	21	
	kW	2.76	2.76	2.76	2.78	2.78	3.10	3.10	3.10	3.12	3.12	3.48	3.48	3.48	3.50	3.50	3.89	3.89	3.89	3.91	3.91	4.35	4.35	4.35	4.37	4.84	4.84	4.83	3.97	3.97	
	Amps	9.7	9.7	9.6	9.7	9.7	11.1	11.1	11.1	11.2	11.2	12.8	12.8	12.8	12.9	12.9	14.6	14.6	14.5	14.7	14.7	16.6	16.6	16.5	16.7	18.7	18.7	18.6	15.4	15.4	
	Hi PR	286	287	289	294	294	330	331	333	338	338	376	377	379	384	384	425	427	429	433	433	479	480	482	487	539	541	543	537	537	
	Lo PR	131	132	135	141	141	138	140	143	148	148	145	146	149	155	155	150	152	155	160	160	156	157	161	166	160	161	165	173	173	

IDB		OUTDOOR AMBIENT TEMPERATURE																115°F																							
		65°F								75°F								85°F								95°F								105°F							
		ENTERING INDOOR WET BULB TEMPERATURE																115°F																							
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	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	-	30.6	31.1	32.3	-	30.6	31.1	32.3	-	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	-	1.00	0.62	0.49	-	1.00	0.62	0.49	-	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	-	22	20	16	-	22	20	16	-	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	-	5.26	5.25	5.25	-	5.26	5.25	5.25	-	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	-	21.4	21.4	21.4	-	21.4	21.4	21.4	-	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	-	500	501	503	-	500	501	503	-	500	501	503	-
70	Lo PR	119	116	118	-	124	125	128	-	130	131	134	-	135	136	139	-	140	142	145	-	144	146	149	-	144	146	149	-	144	146	149	-	144	146	149	-	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	-	31.2	31.7	32.8	-	31.2	31.7	32.8	-	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	-	1.00	0.70	0.56	-	1.00	0.70	0.56	-	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	-	20	18	15	-	20	18	15	-	20	18	15	-
	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	-	5.28	5.28	5.27	-	5.28	5.28	5.27	-	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	-	21.5	21.5	21.5	-	21.5	21.5	21.5	-	21.5	21.5	21.5	-
70	Hi PR	259	270	274	-	314	315	317	-	358	359	361	-	406	407	409	-	457	459	460	-	503	504	506	-	503	504	506	-	503	504	506	-	503	504	506	-	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	-	146	148	151	-	146	148	151	-	146	148	151	-
70	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	-	31.9	32.4	33.5	-	31.9	32.4	33.5	-	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	0.73	0.60	-	1.00	0.73	0.60	-	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	-	19	17	14	-	19	17	14	-	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	-	5.30	5.30	5.29	-	5.30	5.30	5.29	-	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	-	21.6	21.6	21.6	-	21.6	21.6	21.6	-	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	-	505	506	508	-	505	506	508	-	505	506	508	-
75	Lo PR	119	119	125	-	128	129	132	-	134	136	139	-	139	141	144	-	145	146	149	-	148	150	153	-	148	150	153	-	148	150	153	-	148	150	153	-	148	150	153	-
	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	30.6	31.2	32.3	32.4	30.6	31.2	32.3	32.4	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	0.75	0.62	0.48	1.00	0.75	0.62	0.48	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	26	24	20	17	26	24	20	17	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	5.25	5.25	5.24	4.89	5.25	5.25	5.24	4.89	5.25	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	21.3	21.3	21.4	19.9	21.3	21.3	21.4	19.9	21.3	21.3	21.4	19.9	21.3	21.3	21.4	19.9	21.3	21.3	21.4	19.9
75	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	500	501	503	502	500	501	503	502	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	144	146	149	155	144	146	149	155	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	31.2	31.7	32.8	33.0	31.2	31.7	32.8	33.0	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	0.82	0.69	0.56	1.00	0.82	0.69	0.56	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	25	23	19	15	25	23	19	15	25	23	19	15
	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	5.28	5.27	5.27	4.91	5.28	5.27	5.27	4.91	5.28	5.27	5.27	4.91
75	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																										

		OUTDOOR AMBIENT TEMPERATURE																																				
		65°F						75°F						85°F						95°F						105°F						115°F						
IDB	AIRFLOW	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195		
80	MBh	30.9	38.3	41.1	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	32.6	30.8	31.3	32.5	32.6	30.8	31.3	32.5	32.6	30.8	31.3	32.5	32.6	
	S/T	0.86	0.75	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	0.60	1.00	0.83	0.70	0.56	1.00	1.00	0.74	0.60	1.00	0.83	0.70	0.56	
	ΔT	28	27	24	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	30	28	25	21	30	28	25	21	
	kW	2.17	2.85	3.05	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	5.25	5.25	4.89	5.26	5.25	5.25	5.24	5.26	5.25	5.25	5.24	5.26	5.25	5.25	4.89	
	Amps	8.2	11.0	11.7	12.5	14.3	14.2	14.2	14.4	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	21.4	21.4	21.4	21.3	21.4	21.4	21.4	21.5	21.5	21.4	19.9		
	Hi PR	253	265	270	277	311	313	315	319	356	357	359	364	404	405	407	411	455	456	458	463	501	502	504	503	501	502	504	503	501	502	504	503	501	502	504	503	
	Lo PR	120	117	119	126	124	126	128	133	130	132	135	140	136	137	140	145	141	142	145	150	145	146	149	156	145	146	149	156	145	146	149	156	145	146	149	156	
	MBh	34.0	40.6	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	31.4	31.9	33.0	33.2	31.4	31.9	33.0	33.2	
	S/T	0.92	0.82	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	0.91	0.77	0.63	1.00	1.00	0.81	0.68	1.00	0.91	0.77	0.63	
	ΔT	27	26	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	29	27	23	19	29	27	23	19	
	kW	2.42	3.08	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	5.27	4.91	5.28	5.28	5.27	5.28	5.28	5.27	5.28	5.28	5.27	5.28	5.28	4.91	
	Amps	9.2	11.9	12.4	12.6	14.4	14.4	14.4	14.5	16.5	16.5	16.4	16.6	18.8	18.8	18.8	18.9	21.3	21.3	21.3	21.4	21.5	21.5	21.5	20.0	21.5	21.5	21.5	21.4	21.5	21.5	21.5	21.5	21.5	21.5	20.0		
Hi PR	260	271	275	280	314	315	317	322	359	360	362	366	407	408	410	414	458	459	461	466	503	504	506	506	503	504	506	506	503	504	506	506	503	504	506	506		
Lo PR	120	118	123	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	147	148	151	158	147	148	151	158		
85	MBh	39.1	41.3	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	32.6	33.7	33.9	32.1	32.6	33.7	33.9	32.1	32.6	33.7	33.9	32.1	32.6	33.7	33.9	
	S/T	0.93	0.86	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	0.81	0.67	1.00	1.00	0.85	0.72	1.00	1.00	0.85	0.72	
	ΔT	27	25	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	28	26	22	18	28	26	22	18	
	kW	2.90	3.10	3.22	3.25	3.67	3.66	3.66	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	4.93	5.30	5.30	5.29	5.30	5.30	5.29	5.30	5.30	5.29	5.30	5.30	4.93		
	Amps	11.2	12.0	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	20.1	21.6	21.6	21.6	21.5	21.6	21.6	21.6	21.6	21.6	20.1			
	Hi PR	269	273	278	282	317	318	320	325	361	363	364	369	409	410	412	417	461	462	464	469	506	507	509	508	506	507	509	508	506	507	509	508	506	507	509	508	
	Lo PR	119	120	126	131	128	130	133	138	135	136	139	144	140	141	144	149	145	147	150	155	149	150	153	160	149	150	153	160	149	150	153	160	149	150	153	160	
	85	MBh	31.4	38.9	41.8	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	31.4	32.0	33.1	33.2	31.4	32.0	33.1	33.2
		S/T	1.00	0.85	0.72	0.58	1.00	0.86	0.73	0.59	1.00	0.89	0.76	0.61	1.00	1.00	0.85	0.71	1.00	1.00	0.80	0.66	1.00	1.00	0.84	0.71	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	32	31	28	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	34	32	28	25	34	32	28	25
		kW	2.17	2.86	3.05	3.21	3.62	3.62	3.61	3.65	4.11	4.11	4.10	4.13	4.64	4.63	4.63	4.66	5.23	5.22	5.22	5.25	5.26	5.26	4.89	5.26	5.26	5.25	5.25	5.24	5.26	5.25	5.25	5.24	5.26	5.25	4.89	
		Amps	8.2	11.0	11.8	12.5	14.3	14.3	14.2	14.4	16.4	16.4	16.4	16.5	18.7	18.7	18.7	18.8	21.3	21.2	21.2	21.4	21.4	21.4	19.9	21.4	21.4	21.4	21.3	21.4	21.4	21.4	21.5	21.5	21.4	19.9		
Hi PR		254	266	271	278	313	314	316	320	357	358	360	365	405	406	408	413	457	458	460	464	502	503	505	504	502	503	505	504	502	503	505	504	502	503	505	504	
Lo PR		121	118	120	128	126	127	130	135	132	133	136	141	137	139	142	147	142	144	147	152	147	148	151	157	147	148	151	157	147	148	151	157	147	148	151	157	
MBh		34.6	41.2	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	32.0	32.6	33.7	33.8	32.0	32.6	33.7	33.8	
S/T		1.00	0.92	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	0.87	0.73	1.00	1.00	0.91	0.78	1.00	1.00	0.91	0.78	
ΔT		31	30	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	32	31	27	23	32	31	27	23	
kW		2.43	3.09	3.21	3.24	3.65	3.65	3.64	3.67	4.14	4.14	4.13	4.16	4.67	4.66	4.66	4.69	5.25	5.25	5.24	5.28	5.29	5.28	4.92	5.29	5.28	5.28	5.27	5.29	5.28	5.27	5.29	5.28	5.27	5.29	5.28	4.92	
Amps		9.3	11.9	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	21.5																

		OUTDOOR AMBIENT TEMPERATURE																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	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	-	31.7	32.3	33.4	-	31.7	32.3	33.4	-	31.7	32.3	33.4	-	31.7	32.3	33.4	-	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	-	0.69	0.62	0.49	-	0.69	0.62	0.49	-	0.69	0.62	0.49	-	0.69	0.62	0.49	-	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	-	22	20	17	-	22	20	17	-	22	20	17	-	22	20	17	-	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	-	5.34	5.34	5.33	-	5.34	5.34	5.33	-	5.34	5.34	5.33	-	5.34	5.34	5.33	-	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	-	21.8	21.8	21.8	-	21.8	21.8	21.8	-	21.8	21.8	21.8	-	21.8	21.8	21.8	-	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	-	504	505	507	-	504	505	507	-	504	505	507	-	504	505	507	-	504	505	507	-				
70	Lo PR	116	115	114	-	120	122	124	-	126	128	130	-	131	133	136	-	136	138	141	-	143	144	147	-	143	144	147	-	143	144	147	-	143	144	147	-	143	144	147	-	143	144	147	-				
	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	-	32.3	32.9	34.0	-	32.3	32.9	34.0	-	32.3	32.9	34.0	-	32.3	32.9	34.0	-	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	-	1.00	0.69	0.56	-	1.00	0.69	0.56	-	1.00	0.69	0.56	-	1.00	0.69	0.56	-	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	-	21	19	15	-	21	19	15	-	21	19	15	-	21	19	15	-	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	-	5.37	5.36	5.36	-	5.37	5.36	5.36	-	5.37	5.36	5.36	-	5.37	5.36	5.36	-	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	-	21.9	21.9	21.9	-	21.9	21.9	21.9	-	21.9	21.9	21.9	-	21.9	21.9	21.9	-	21.9	21.9	21.9	-				
70	Hi PR	271	278	285	-	326	327	329	-	372	373	375	-	422	423	425	-	475	477	479	-	507	508	510	-	507	508	510	-	507	508	510	-	507	508	510	-	507	508	510	-	507	508	510	-				
	Lo PR	114	113	120	-	122	124	126	-	128	130	133	-	133	135	138	-	138	140	143	-	145	146	149	-	145	146	149	-	145	146	149	-	145	146	149	-	145	146	149	-	145	146	149	-				
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	-	33.1	33.6	34.8	-	33.1	33.6	34.8	-	33.1	33.6	34.8	-	33.1	33.6	34.8	-	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	-	1.00	0.72	0.59	-	1.00	0.72	0.59	-	1.00	0.72	0.59	-	1.00	0.72	0.59	-	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	-	20	18	14	-	20	18	14	-	20	18	14	-	20	18	14	-	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	-	5.39	5.38	5.38	-	5.39	5.38	5.38	-	5.39	5.38	5.38	-	5.39	5.38	5.38	-	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	-	22.0	22.0	22.0	-	22.0	22.0	22.0	-	22.0	22.0	22.0	-	22.0	22.0	22.0	-	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	-	509	510	512	-	509	510	512	-	509	510	512	-	509	510	512	-	509	510	512	-				
75	Lo PR	115	116	122	-	124	126	129	-	131	132	135	-	136	137	140	-	141	142	145	-	147	148	151	-	147	148	151	-	147	148	151	-	147	148	151	-	147	148	151	-	147	148	151	-				
	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	31.8	32.3	33.5	33.7	31.8	32.3	33.5	33.7	31.8	32.3	33.5	33.7	31.8	32.3	33.5	33.7	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	1.00	0.74	0.61	0.47	1.00	0.74	0.61	0.47	1.00	0.74	0.61	0.47	1.00	0.74	0.61	0.47	1.00	0.74	0.61	0.47				
	ΔT	25	24	21	15	24	22	19	15	24	22	19	15	24	22	19	15	23	22	18	16	27	25	21	17	27	25	21	17	27	25	21	17	27	25	21	17	27	25	21	17	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	5.34	5.34	5.33	4.97	5.34	5.34	5.33	4.97	5.34	5.34	5.33	4.97	5.34	5.34	5.33	4.97	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	21.8	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	21.8	21.8	21.8	20.3				
75	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	507	504	505	507	507	504	505	507	507	504	505	507	507	504	505	507	507	504	505	507	507				
	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	143	144	147	153	143	144	147	153	143	144	147	153	143	144	147	153	143	144	147	153				
	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	32.3	32.9	34.1	34.2	32.3	32.9	34.1	34.2	32.3	32.9	34.1	34.2	32.3	32.9	34.1	34.2	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	1.00	0.81	0.68	0.54	1.00	0.81	0.68	0.54	1.00	0.81	0.68	0.54	1.00	0.81	0.68	0.54	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	25	23	20	16	25	23	20																	

		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				
	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				
	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	0.86	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	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	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	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				
	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				
80	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				
	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	1.00	0.80	0.66	1.00	1.00	0.80	0.66	1.00	1.00	0.80	0.66				
	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	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	5.36	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	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				
	Lo PR	115	114	120	125	123	124	127	132	129	130	133	138	134	135	138	143	139	140	143	145	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				
	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	1.00	0.84	0.70	1.00	1.00	0.84	0.70	1.00	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	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	5.38	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	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				
	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				
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				
	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	1.00	0.83	0.69	1.00	1.00	0.83	0.69	1.00	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				
	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	5.34	4.98	5.35	5.35	5.34	4.98	5.35	5.35	5.34	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	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				
	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				
85	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			
	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	1.00	0.90	0.76	1.00	1.00	0.90	0.76	1.00	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	24	23	33	31	28	24	33	31	28	24	33	31	28	24				
	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	5.36	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	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				
	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	147	148	151	157	147	148	151	157				
1590	MBh	44.6	47.2	50.3	52.4	47.9	48.6	49.9	52.0	46.7	47.4	48.7	50.8	44.7	45.3	46.7	48.8	42.1	42.8	44.2	42.6	33.9	34.5	35.7	35.8	33.9	34.5	35.7	35.8	33.9	34.5	35.7	35.8				
	S/T	1.00	0.93	0.82	0.68	1.00	0.95	0.82</																													

IDB		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																									
				65°F				75°F				85°F				95°F				105°F				115°F					
				59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
70	1390	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	-			
	1640	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	-			
1890	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	1390	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	6.00	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			
	1640	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			
1890	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					
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 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.

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	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195		
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	36.1	36.7	38.0	37.9	36.1	36.7	38.0	37.9	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	1.00	0.86	0.73	0.60	1.00	0.86	0.73	0.60	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	30	28	25	21	30	28	25	21	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	5.75	5.75	5.74	5.30	5.75	5.75	5.74	5.30	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	23.3	23.2	23.2	21.4	23.3	23.2	23.2	21.4	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	502	503	505	503	502	503	505	503	502	503	505	503	
	Lo PR	113	112	113	120	118	119	122	127	124	125	128	133	129	130	133	138	133	134	137	142	141	143	146	152	141	143	146	152	141	143	146	152	141	143	146	152	
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	36.8	37.4	38.7	38.5	36.8	37.4	38.7	38.5	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	1.00	0.93	0.80	0.67	1.00	0.93	0.80	0.67	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	29	27	23	19	29	27	23	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	6.62	6.67	6.05	6.04	6.03	5.70	5.78	5.77	5.77	5.32	5.78	5.77	5.77	5.32	5.78	5.77	5.77	5.32	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	23.4	23.4	23.3	21.5	23.4	23.4	23.3	21.5	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	505	506	508	506	505	506	508	506	505	506	508	506	
	Lo PR	113	113	117	122	120	121	124	129	126	127	130	135	131	132	135	140	135	136	139	144	143	145	147	154	143	145	147	154	143	145	147	154	143	145	147	154	
1890	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	37.7	38.3	39.6	39.4	37.7	38.3	39.6	39.4	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	1.00	1.00	0.84	0.71	1.00	1.00	0.84	0.71	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	27	26	22	18	27	26	22	18	27	26	22	18	
	kW	3.74	4.25	4.58	4.63	5.22	5.22	5.21	5.25	5.92	5.91	5.90	5.95	6.67	6.67	6.66	6.71	6.07	6.06	6.06	5.72	5.80	5.80	5.79	5.34	5.80	5.80	5.79	5.34	5.80	5.80	5.79	5.34	5.80	5.80	5.79	5.34	
	Amps	14.3	16.4	17.7	17.9	20.4	20.4	20.4	20.6	23.5	23.5	23.4	23.6	26.8	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	23.5	23.5	23.4	21.6	23.5	23.5	23.4	21.6	
	Hi PR	277	284	289	294	330	331	333	338	376	378	380	385	426	426	428	429	434	465	467	468	468	507	509	510	508	507	509	510	508	507	509	510	508	507	509	510	508
	Lo PR	115	115	120	124	122	123	126	131	128	129	132	137	133	134	137	142	137	138	141	146	145	147	150	156	145	147	150	156	145	147	150	156	145	147	150	156	

85	MBh	42.6	50.3	55.2	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	36.8	37.5	38.8	38.6	36.8	37.5	38.8	38.6
	S/T	1.00	0.83	0.70	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	0.64	1.00	1.00	0.83	0.70	1.00	1.00	0.83	0.70	1.00	1.00	0.83	0.70	1.00	1.00	0.83	0.70
	ΔT	32	32	28	21	30	28	25	21	30	28	25	22	30	28	25	21	33	31	28	24	34	32	28	24	34	32	28	24	34	32	28	24	34	32	28	24
	kW	2.91	3.69	4.19	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	6.02	6.02	6.01	5.68	5.76	5.76	5.75	5.30	5.76	5.76	5.75	5.30	5.76	5.76	5.75	5.30	5.76	5.76	5.75	5.30
	Amps	11.0	14.1	16.1	17.6	20.2	20.2	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	23.3	21.4	23.3	23.3	23.3	21.4	23.3	23.3	23.3	21.4	23.3	23.3	23.3	21.4
	Hi PR	262	274	282	290	326	327	329	334	372	373	375	380	422	423	425	430	461	462	464	464	503	504	506	504	503	504	506	504	503	504	506	504	503	504	506	504
	Lo PR	115	113	115	122	120	121	124	129	126	127	130	134	131	132	135	139	134	136	139	144	143	144	147	154	143	144	147	154	143	144	147	154	143	144	147	154
	MBh	48.6	52.5	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	37.5	38.2	39.5	39.2	37.5	38.2	39.5	39.2
	S/T	1.00	0.90	0.76	0.62	1.00	0.89	0.76	0.63	1.00	0.91	0.79	0.65	1.00	0.93	0.80	0.67	1.00	1.00	0.85	0.71	1.00	1.00	0.90	0.77	1.00	1.00	0.90	0.77	1.00	1.00	0.90	0.77	1.00	1.00	0.90	0.77
	ΔT	32	30	23	20	28	27	23	20	29	27	24	20	28	27	23	20	32	30	26	22	32	30	27	23	32	30	27	23	32	30	27	23	32	30	27	23
	kW	3.51	3.94	4.56	4.61	5.20	5.20	5.18	5.23	5.90	5.89	5.88	5.93	6.65	6.65	6.64	6.68	6.06	6.05	6.04	5.71	5.79	5.78	5.77	5.33	5.79	5.78	5.77	5.33	5.79	5.78	5.77	5.33	5.79	5.78	5.77	5.33
	Amps	13.4	15.1	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	23.4	23.4	23.4	21.5	23.4	23.4	23.4	21.5
	Hi PR	273	279	288	293	329	330	332	337	375	376	378	383	425	426	428	433	464	465	467	467	506	507	509	507	506	507	509	507	506	507	509	507	506	507	509	507
	Lo PR	114	115	119	124	122	123	126	131	127	129	132	136	133	134	137	141	136	138	141	146	145	146	149	156	145	146	149	156	145	146	149	156	145	146	149	156

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 areas is AHRI conditions.

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

PERFORMANCE DATA FOR STANDARD OPERATING MODE

GSZS601810A* / AHVE24BP1400A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 9-11°F AT 100% DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	17,800	13,200	4,600	1,210
80°	17,600	13,300	4,300	1,300
85°	17,400	13,400	4,000	1,360
90°	17,000	13,300	3,700	1,400
95°	16,600	13,100	3,500	1,520
100°	16,200	12,900	3,300	1,600
105°	15,700	12,700	3,000	1,700
110°	15,300	12,800	2,500	1,800
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

GSZS601810A* / AHVE24BP1400A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 9-11°F IN BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	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

GSZS602410A* / AHVE24BP1400A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 11-13°F AT 100% DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	23,800	17,400	6,400	1,740
80°	23,500	17,500	6,000	1,900
85°	23,200	17,600	5,600	1,960
90°	22,700	17,500	5,200	2,100
95°	22,200	17,300	4,900	2,200
100°	21,600	17,100	4,500	2,300
105°	21,000	16,800	4,200	2,460
110°	20,400	16,900	3,500	2,600
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

GSZS602410A* / AHVE24BP1400A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 11-13°F IN BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	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

GSZS603010A* / AHVE36CP1400A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 13-15°F AT 100% DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	29,800	21,800	8,000	2,230
80°	29,500	21,800	7,700	2,400
85°	29,100	21,800	7,300	2,510
90°	28,500	21,600	6,900	2,700
95°	27,800	21,400	6,400	2,810
100°	27,000	21,100	5,900	3,000
105°	26,200	20,700	5,500	3,140
110°	25,500	20,800	4,700	3,300
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

GSZS603010A* / AHVE36CP1400A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 13-15°F IN BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	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°	27,100	21,800	5,300	3,700
115°	26,300	21,900	4,400	3,900
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	28,400	21,800	6,600	3,100

GSZS603610A* / AHVE36CP1400A*				
DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 14-16°F				
AT 100% DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	36,000	26,300	9,700	3,070
80°	35,600	26,500	9,100	3,300
85°	35,100	26,700	8,400	3,450
90°	34,400	26,500	7,900	3,700
95°	33,600	26,200	7,400	3,860
100°	32,700	25,800	6,900	4,100
105°	31,700	25,400	6,300	4,320
110°	30,700	25,800	4,900	4,600
115°	29,700	26,100	3,600	4,810
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	32,400	25,600	6,800	3,870

GSZS603610A* / AHVE36CP1400A*				
DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 14-16°F				
IN BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	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°	31,600	26,300	5,300	4,800
115°	29,700	26,000	3,700	4,850
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	34,100	26,600	7,500	4,200

GSZS604210A* / AHVE48DP1400A*				
DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 7-9°F				
AT 100% DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	42,400	30,100	12,300	3,630
80°	41,900	30,100	11,800	3,900
85°	41,300	30,100	11,200	4,120
90°	40,400	29,900	10,500	4,400
95°	39,500	29,600	9,900	4,650
100°	38,400	29,200	9,200	4,900
105°	37,300	28,700	8,600	5,240
110°	35,200	27,700	7,500	5,300
115°	33,000	26,700	6,300	5,270
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	38,100	29,000	9,100	4,650

GSZS604210A* / AHVE48DP1400A*				
DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 7-9°F				
IN BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	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°	40,400	29,900	10,500	5,300
105°	39,200	29,400	9,800	5,600
110°	36,100	28,100	8,000	5,500
115°	33,000	26,800	6,200	5,300
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	40,000	29,600	10,400	4,950

GSZS604810A* / AHVE48DP1400A*				
DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 8-10°F				
AT 100% DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	48,300	33,300	15,000	4,380
80°	47,700	33,400	14,300	4,700
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°	43,800	32,400	11,400	6,000
105°	42,500	31,900	10,600	6,350
110°	38,400	29,700	8,700	5,900
115°	34,300	27,400	6,900	5,360
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	43,400	32,100	11,300	5,630

GSZS604810A* / AHVE48DP1400A*				
DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 8-10°F				
IN BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	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°	48,600	33,600	15,000	5,800
95°	47,500	33,300	14,200	6,100
100°	45,000	32,600	12,400	6,200
105°	42,500	31,900	10,600	6,350
110°	38,400	29,700	8,700	5,900
115°	34,300	27,400	6,900	5,400
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	45,800	32,500	13,300	6,100

PERFORMANCE DATA FOR STANDARD OPERATING MODE (CONT.)

GSZS606010A* / AHVE60DP1400A*				
DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 8-10°F				
AT 100% DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	56,800	38,100	18,700	5,170
80°	56,100	38,200	17,900	5,500
85°	55,400	38,200	17,200	5,870
90°	54,200	37,900	16,300	6,200
95°	53,000	37,600	15,400	6,620
100°	49,100	35,700	13,400	6,300
105°	45,100	33,800	11,300	6,030
110°	41,900	32,400	9,500	5,900
115°	38,700	31,000	7,700	5,770
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	51,100	36,800	14,300	6,630

GSZS606010A* / AHVE60DP1400A*				
DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 8-10°F				
IN BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	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°	41,900	32,500	9,400	5,900
115°	38,700	31,000	7,700	5,800
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	53,500	38,000	15,500	7,450

GSZS601810A* + AHVE24BP1400A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	22.2	20.9	19.5	18.2	17.4	16.8	15.3	21.9	20.0	18.6	17.7	17.1	16.4	14.7	13.0	11.3	9.6	7.8
T/R	32	31	29	27	26	26	23	33	30	28	27	26	25	22	20	17	14	12
KW	1.48	1.46	1.43	1.40	1.38	1.37	1.34	2.32	2.24	2.15	2.07	2.02	1.98	1.90	1.81	1.73	1.64	1.56
AMPS	5.5	5.4	5.2	5.1	5.0	5.0	4.8	9.1	8.8	8.4	8.0	7.8	7.7	7.3	6.9	6.5	6.2	5.8
COP	4.38	4.20	4.02	3.83	3.70	3.60	3.35	2.76	2.62	2.54	2.50	2.49	2.43	2.27	2.10	1.91	1.70	1.47
Hi PR	377	365	353	340	333	328	316	360	345	331	316	308	302	287	273	258	244	229
LO PR	143	134	125	116	111	107	98	79	71	63	55	51	48	40	32	24	16	8

GSZS602410A* + AHVE24BP1400A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	29.5	27.7	26.0	24.3	23.2	22.4	20.4	21.7	20.1	18.9	18.1	17.6	17.0	15.5	14.0	12.4	10.9	9.4
T/R	33	31	30	28	27	26	24	25	23	22	21	20	20	18	16	14	13	11
KW	2.18	2.13	2.08	2.03	2.00	1.98	1.93	2.44	2.37	2.31	2.24	2.21	2.18	2.11	2.05	1.99	1.92	1.86
AMPS	8.2	8.0	7.8	7.6	7.4	7.3	7.1	9.3	9.0	8.8	8.5	8.3	8.2	7.9	7.6	7.4	7.1	6.8
COP	3.97	3.82	3.66	3.51	3.40	3.32	3.10	2.61	2.48	2.40	2.36	2.34	2.29	2.15	2.00	1.84	1.67	1.49
Hi PR	397	384	371	358	350	345	332	328	315	302	289	281	275	262	249	235	222	209
LO PR	134	126	118	109	104	101	93	79	71	63	55	50	47	40	32	24	16	8

GSZS603010A* + AHVE36CP1400A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	36.7	34.5	32.3	30.2	28.8	27.8	25.3	27.1	25.0	23.4	22.3	21.7	20.9	18.9	17.0	15.0	13.0	11.1
T/R	32	31	29	27	26	26	23	25	23	21	20	20	19	17	16	14	12	10
KW	2.93	2.85	2.77	2.69	2.64	2.60	2.52	2.97	2.89	2.81	2.73	2.68	2.65	2.57	2.49	2.41	2.33	2.25
AMPS	11.1	10.8	10.4	10.1	9.9	9.7	9.4	11.3	11.0	10.6	10.3	10.1	9.9	9.6	9.2	8.9	8.5	8.2
COP	3.67	3.55	3.42	3.29	3.20	3.13	2.94	2.67	2.53	2.44	2.39	2.37	2.31	2.16	2.00	1.83	1.64	1.44
Hi PR	372	360	348	336	328	324	312	320	307	294	281	274	268	256	243	230	217	204
LO PR	131	123	115	106	102	98	90	74	67	60	52	48	45	38	30	23	15	8

GSZS603610A* + AHVE36CP1400A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	43.6	41.1	38.6	36.2	34.6	33.4	30.7	29.7	27.8	26.2	25.1	24.5	23.7	21.7	19.7	17.8	15.8	13.8
T/R	31	29	28	26	25	25	23	22	20	19	18	18	17	16	15	13	12	10
KW	3.72	3.62	3.53	3.44	3.38	3.34	3.25	3.37	3.29	3.21	3.13	3.08	3.05	2.97	2.89	2.81	2.73	2.65
AMPS	14.2	13.8	13.3	12.9	12.7	12.5	12.1	12.6	12.3	11.9	11.6	11.4	11.3	10.9	10.6	10.2	9.9	9.5
COP	3.44	3.32	3.21	3.09	3.00	2.93	2.77	2.59	2.48	2.39	2.35	2.33	2.28	2.14	2.00	1.85	1.69	1.52
Hi PR	377	364	352	340	333	328	315	303	291	279	266	259	254	242	230	217	205	193
LO PR	129	121	113	105	100	97	89	81	73	65	57	52	49	41	33	25	17	9

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

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

Amps = Outdoor unit amps (comp.+fan)

kW = Total system power

EXPANDED HEATING DATA — NORMAL HEATING MODE (CONT.)

GSZS604210A* + AHVE48DP1400A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	50.8	47.8	44.8	41.9	40.0	38.6	35.2	43.1	40.1	37.8	36.2	35.3	34.1	31.2	28.3	25.1	22.1	19.0
T/R	34	33	31	29	28	27	25	30	28	27	25	25	24	22	20	18	16	14
KW	3.99	3.90	3.81	3.72	3.66	3.63	3.54	5.44	5.26	5.08	4.90	4.79	4.72	4.54	4.36	4.18	4.00	3.82
AMPS	15.3	14.9	14.5	14.1	13.8	13.7	13.3	21.5	20.8	20.0	19.2	18.7	18.4	17.6	16.9	16.1	15.3	14.5
COP	3.73	3.59	3.45	3.30	3.20	3.12	2.92	2.32	2.24	2.18	2.16	2.16	2.12	2.02	1.90	1.76	1.62	1.46
Hi PR	383	370	358	346	338	333	321	328	315	302	288	280	275	262	249	235	222	209
LO PR	130	122	114	106	101	97	89	78	71	63	55	50	47	39	32	24	16	8

GSZS604810A* + AHVE48DP1400A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	57.4	54.1	50.8	47.6	45.5	44.0	40.3	44.7	41.4	38.9	37.2	36.2	34.9	31.8	28.6	25.4	22.3	19.1
T/R	37	35	33	32	31	30	27	30	28	26	25	24	23	21	19	17	15	13
KW	4.83	4.72	4.61	4.51	4.45	4.40	4.30	5.18	5.02	4.86	4.69	4.59	4.53	4.36	4.20	4.04	3.87	3.71
AMPS	18.8	18.3	17.9	17.4	17.1	17.0	16.5	20.4	19.6	18.9	18.2	17.8	17.5	16.8	16.1	15.4	14.6	13.9
COP	3.48	3.36	3.23	3.09	3.00	2.93	2.75	2.53	2.42	2.35	2.32	2.31	2.26	2.13	2.00	1.85	1.69	1.51
Hi PR	399	386	373	360	353	347	334	326	313	300	287	279	274	260	247	234	221	208
LO PR	126	118	110	102	98	95	87	78	71	63	55	50	47	39	32	24	16	8

GSZS606010A* + AHVE60DP1400A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	68.9	64.9	60.9	57.0	54.5	52.7	48.2	51.1	47.4	44.5	42.5	41.4	40.0	36.4	32.9	29.3	25.7	22.1
T/R	37	36	34	32	31	30	27	29	27	25	24	23	23	21	19	17	15	12
KW	6.03	5.89	5.74	5.59	5.51	5.45	5.30	6.27	6.02	5.78	5.54	5.40	5.30	5.06	4.82	4.58	4.34	4.10
AMPS	23.6	23.0	22.4	21.7	21.3	21.1	20.5	24.6	23.6	22.5	21.5	20.9	20.5	19.4	18.4	17.3	16.3	15.2
COP	3.35	3.23	3.11	2.99	2.90	2.83	2.66	2.39	2.30	2.26	2.25	2.25	2.21	2.11	2.00	1.87	1.74	1.58
Hi PR	399	386	373	360	352	347	334	325	312	299	286	278	273	260	247	233	220	207
LO PR	124	117	109	101	96	93	86	76	68	61	53	49	46	38	31	23	16	8

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

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

Amps = Outdoor unit amps (comp.+fan)

kW = Total system power

GSZS601810A* + AHVE24BP1400A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 OR LOWER
MBh	23.4	22.0	20.6	19.2	18.3	17.7	16.0	Same as normal heating mode
T/R	34	32	31	29	28	27	24	
KW	1.66	1.62	1.58	1.53	1.51	1.49	1.45	
AMPS	6.3	6.1	5.9	5.7	5.6	5.5	5.3	
COP	4.13	3.98	3.83	3.67	3.56	3.47	3.25	
Hi PR	387	375	362	350	342	337	324	
LO PR	136	128	119	111	106	102	94	

GSZS602410A* + AHVE24BP1400A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 OR LOWER
MBh	31.1	29.2	27.4	25.6	24.4	23.6	21.5	Same as normal heating mode
T/R	35	33	31	29	28	27	25	
KW	2.50	2.42	2.34	2.26	2.21	2.18	2.10	
AMPS	9.6	9.3	8.9	8.6	8.4	8.2	7.9	
COP	3.64	3.54	3.43	3.31	3.23	3.16	2.99	
Hi PR	397	384	371	358	350	345	332	
LO PR	134	126	118	109	104	101	93	

GSZS603010A* + AHVE36CP1400A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 OR LOWER
MBh	38.7	36.4	34.1	31.9	30.4	29.3	26.7	Same as normal heating mode
T/R	34	32	31	29	28	27	24	
KW	3.36	3.24	3.12	3.00	2.93	2.88	2.76	
AMPS	13.0	12.5	12.0	11.5	11.1	10.9	10.4	
COP	3.37	3.29	3.20	3.11	3.04	2.98	2.83	
Hi PR	372	360	348	336	328	324	312	
LO PR	131	123	115	106	102	98	90	

GSZS603610A* + AHVE36CP1400A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 OR LOWER
MBh	44.0	41.5	39.0	36.5	34.9	33.7	30.9	Same as normal heating mode
T/R	31	30	28	27	26	25	23	
KW	4.12	3.97	3.83	3.68	3.59	3.53	3.38	
AMPS	15.9	15.3	14.6	14.0	13.6	13.3	12.7	
COP	3.13	3.06	2.99	2.91	2.85	2.80	2.68	
Hi PR	377	364	352	340	333	328	315	
LO PR	129	121	113	105	100	97	89	

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

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

Amps = Outdoor unit amps (comp.+fan)

KW= Total system power

EXPANDED HEATING DATA — HEATING BOOST MODE

GSZS604210A* + AHVE48DP1400A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 OR LOWER
MBh	53.2	50.0	47.0	44.0	42.0	40.6	37.1	Same as normal heating mode
T/R	36	34	32	31	29	29	26	
KW	4.62	4.46	4.30	4.14	4.05	3.99	3.83	
AMPS	18.0	17.3	16.6	15.9	15.5	15.2	14.5	
COP	3.37	3.29	3.20	3.11	3.04	2.98	2.84	
Hi PR	383	370	358	346	338	333	321	
LO PR	130	122	114	106	101	97	89	

GSZS604810A* + AHVE48DP1400A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 OR LOWER
MBh	60.3	56.8	53.5	50.2	48.0	46.4	42.7	Same as normal heating mode
T/R	39	37	35	33	32	31	29	
KW	5.71	5.49	5.28	5.06	4.94	4.85	4.64	
AMPS	22.6	21.7	20.8	19.8	19.3	18.9	18.0	
COP	3.10	3.03	2.97	2.90	2.85	2.81	2.70	
Hi PR	399	386	373	360	353	347	334	
LO PR	126	118	110	102	98	95	87	

GSZS606010A* + AHVE60DP1400A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 OR LOWER
MBh	72.7	68.5	64.3	60.2	57.5	55.6	50.9	Same as normal heating mode
T/R	39	38	36	34	32	31	29	
KW	7.11	6.81	6.51	6.21	6.03	5.91	5.61	
AMPS	28.3	27.0	25.7	24.4	23.6	23.1	21.8	
COP	3.00	2.95	2.89	2.84	2.79	2.75	2.65	
Hi PR	404	391	378	364	357	351	338	
LO PR	122	115	107	100	95	92	84	

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

Amps = Outdoor unit amps (comp.+fan)

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

KW= Total system power

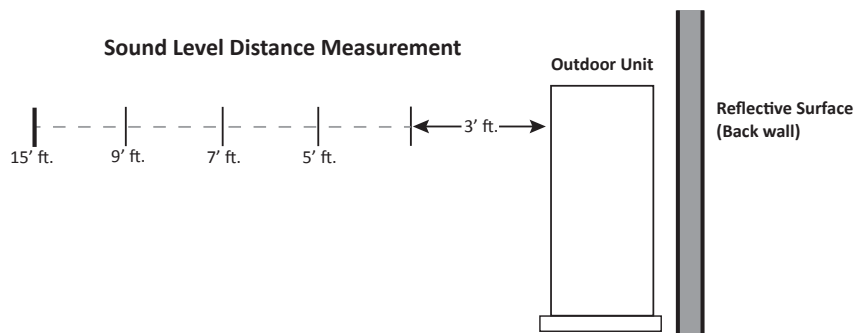
NORMAL MODE - COOLING		SOUND POWER LEVEL ¹						
TONNAGE	TOTAL UNIT SOUND RATING (dBA)	OCTAVE BAND SPECTRUM FREQUENCY (Hz) ANALYSIS (dB)						
		125	250	500	1000	2000	4000	8000
1.5-ton	66	52.1	60.1	61.5	59.7	55.2	48.6	47.7
2-ton	67	57.5	59.2	62.4	60.9	56.6	51.1	45.9
2.5-ton	68	56.0	60.2	63.0	62.8	58.0	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.

NORMAL MODE - HEATING		SOUND POWER LEVEL ¹						
TONNAGE	TOTAL UNIT SOUND RATING (dBA)	OCTAVE BAND SPECTRUM FREQUENCY (Hz) ANALYSIS (dB)						
		125	250	500	1000	2000	4000	8000
1.5-ton	68	53.7	62.5	63.4	61.5	57.1	50.4	49.0
2-ton	69	58.5	61.5	64.6	63.0	58.3	52.9	47.1
2.5-ton	70	57.4	61.3	65.1	65.3	60.0	55.7	48.1
3-ton	70	58.5	61.2	65.0	64.9	61.0	55.8	47.7
3.5-ton	74	60.1	66.4	67.0	69.8	65.4	62.5	49.9
4-ton	74	60.8	64.7	67.0	70.0	66.4	61.9	50.5
5-ton	76	61.4	65.4	69.2	72.2	68.6	64.1	52.7

¹Compliant with ISO3744.

SOUND DATA - SOUND PRESSURE (CONT.)



		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

		SOUND PRESSURE (dBA) HEATING MODE ¹				
		DISTANCE FROM PROPERTY LINE				
TONNAGE	REFLECTIVE SURFACE QTY.	3'	5'	7'	9'	15'
1.5 Ton	0	61	56	53	51	47
	1	64	59	56	54	50
	2	67	62	59	57	53
2.0 Ton	0	62	57	54	52	48
	1	65	60	57	55	51
	2	68	63	60	58	54
2.5 Ton	0	63	58	55	53	49
	1	66	61	58	56	52
	2	69	64	61	59	55
3.0 Ton	0	63	58	55	53	49
	1	66	61	58	56	52
	2	69	64	61	59	55
3.5 Ton	0	67	62	59	57	53
	1	70	65	62	60	56
	2	73	68	65	63	59
4.0 Ton	0	67	62	59	57	53
	1	70	65	62	60	56
	2	73	68	65	63	59
5.0 Ton	0	69	64	61	59	55
	1	72	67	64	62	58
	2	75	70	67	65	61

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

QUIET MODE - COOLING

TONNAGE	SOUND SUPPRESSION LEVEL	SOUND POWER LEVEL (dBA) ¹	SOUND PRESSURE LEVEL (dBA) ²
1.5-ton	LV.1	63	46
	LV.2	60	43
	LV.3	57	40
2-ton	LV.1	64	47
	LV.2	61	44
	LV.3	58	41
2.5-ton	LV.1	65	51
	LV.2	62	48
	LV.3	59	45
3-ton	LV.1	65	51
	LV.2	62	48
	LV.3	59	45
3.5-ton	LV.1	67	55
	LV.2	62	50
	LV.3	57	45
4-ton	LV.1	67	55
	LV.2	62	50
	LV.3	57	45
5-ton	LV.1	68	55
	LV.2	63	50
	LV.3	58	45

¹Compliant with ISO3744.²Compliant with JIS B 8616 : 2006.

Quiet mode data is published at only 1 distance (3ft)

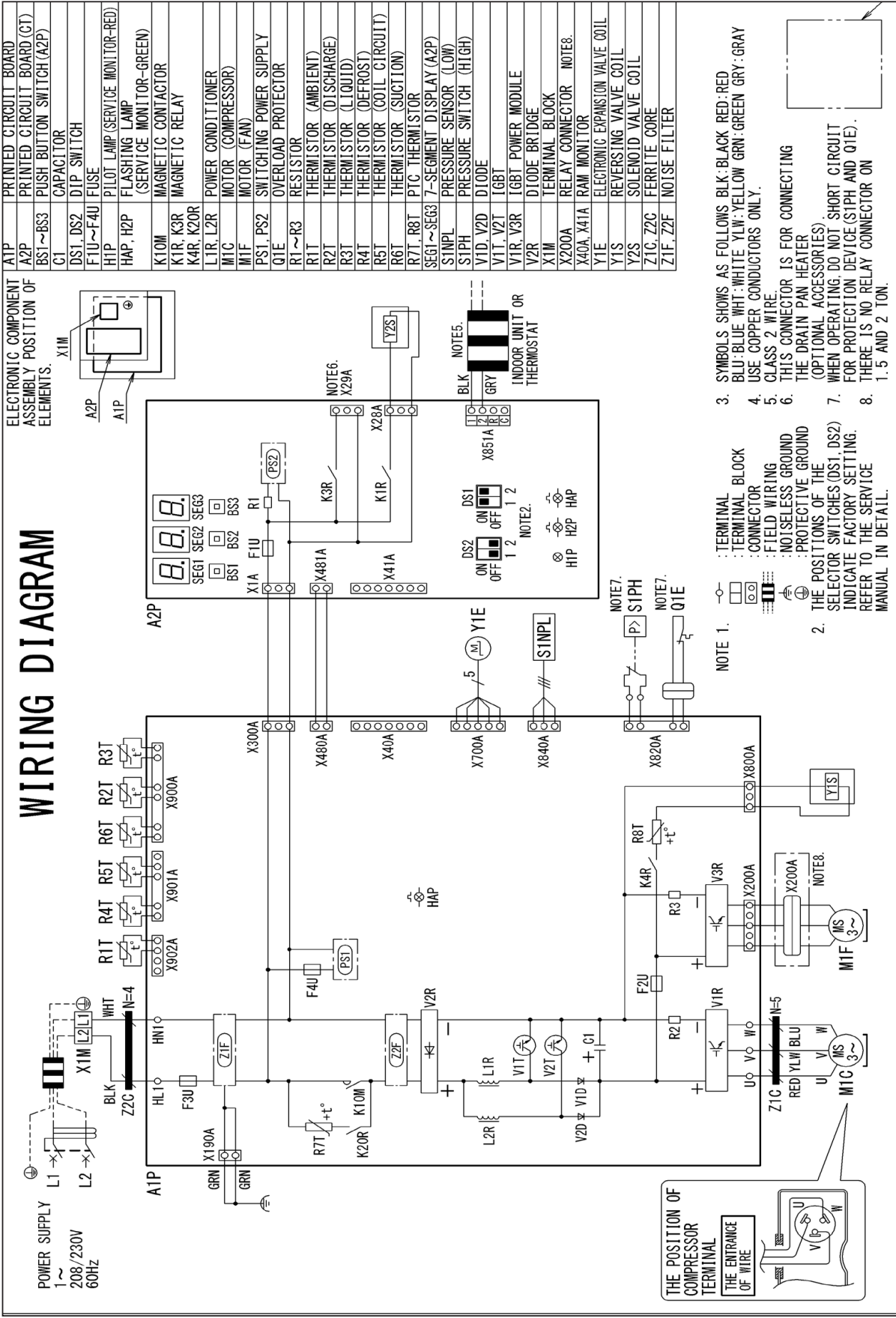
QUIET MODE - HEATING

TONNAGE	SOUND SUPPRESSION LEVEL	SOUND POWER LEVEL (dBA) ¹	SOUND PRESSURE LEVEL (dBA) ²
1.5-ton	LV.1	65	48
	LV.2	62	45
	LV.3	59	42
2-ton	LV.1	66	49
	LV.2	63	46
	LV.3	60	43
2.5-ton	LV.1	67	53
	LV.2	64	50
	LV.3	59	45
3-ton	LV.1	67	53
	LV.2	64	50
	LV.3	59	45
3.5-ton	LV.1	67	55
	LV.2	62	50
	LV.3	57	45
4-ton	LV.1	67	55
	LV.2	62	50
	LV.3	57	45
5-ton	LV.1	68	55
	LV.2	63	50
	LV.3	58	45

¹Compliant with ISO3744.²Compliant with JIS B 8616 : 2006.

Quiet mode data is published at only 1 distance (3ft)

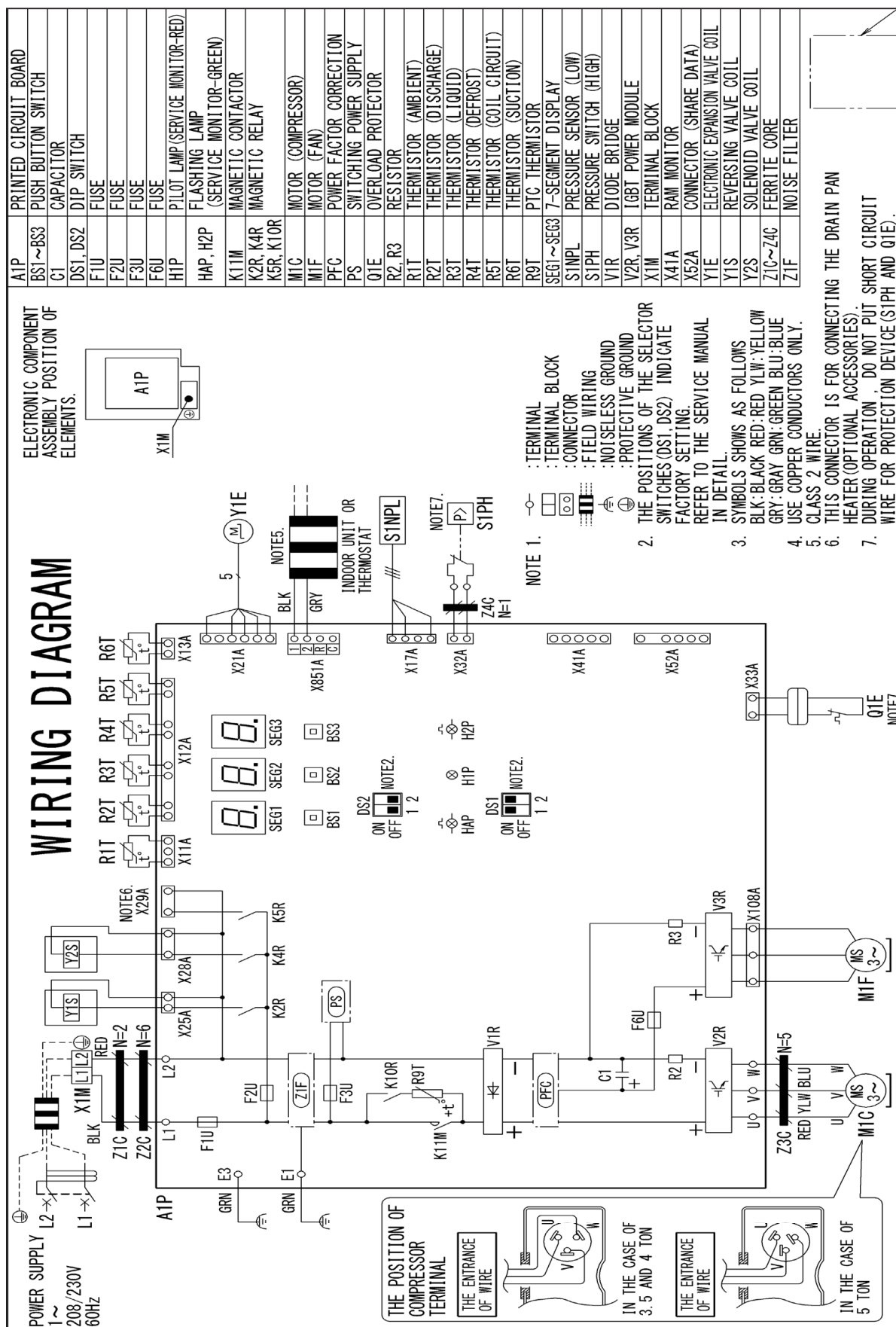
All AHRI system ratings are accessible in the System Configurator tool via PartnerLink.



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

WARNING

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

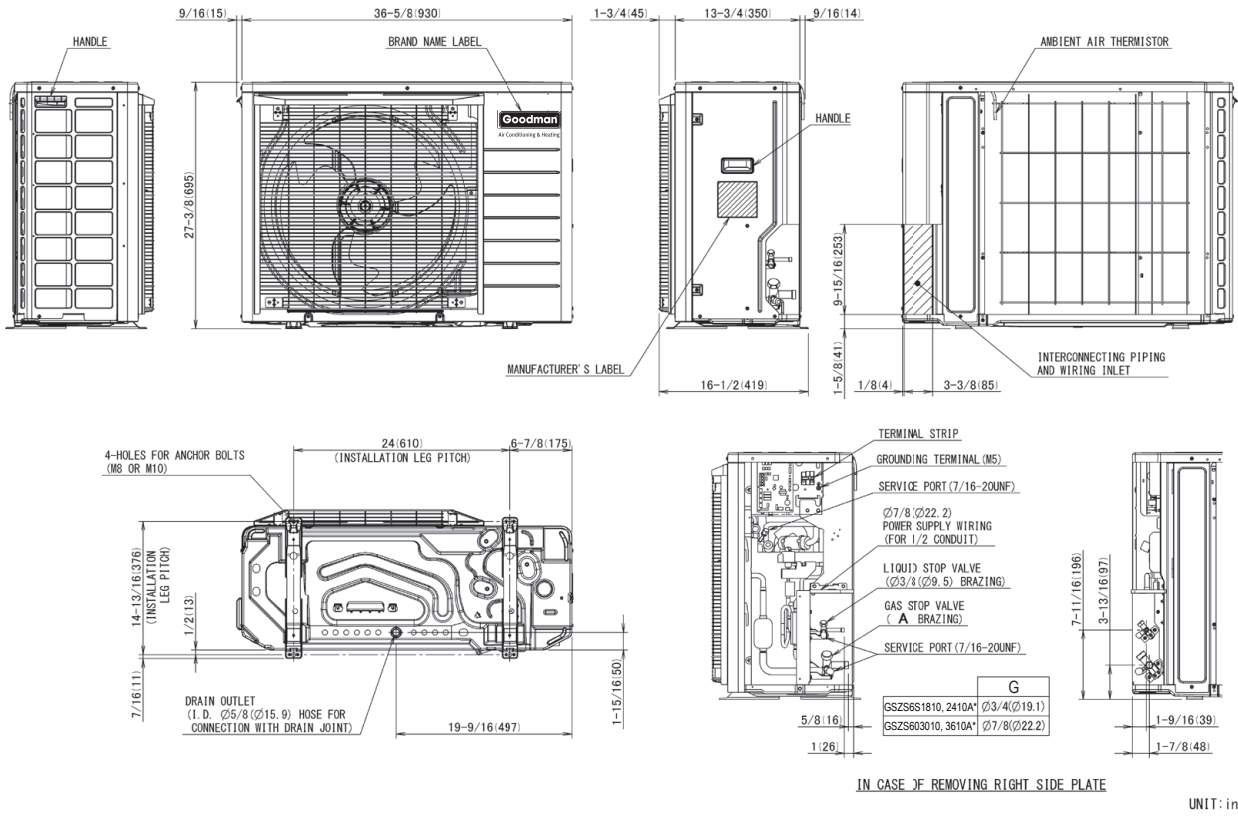


Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

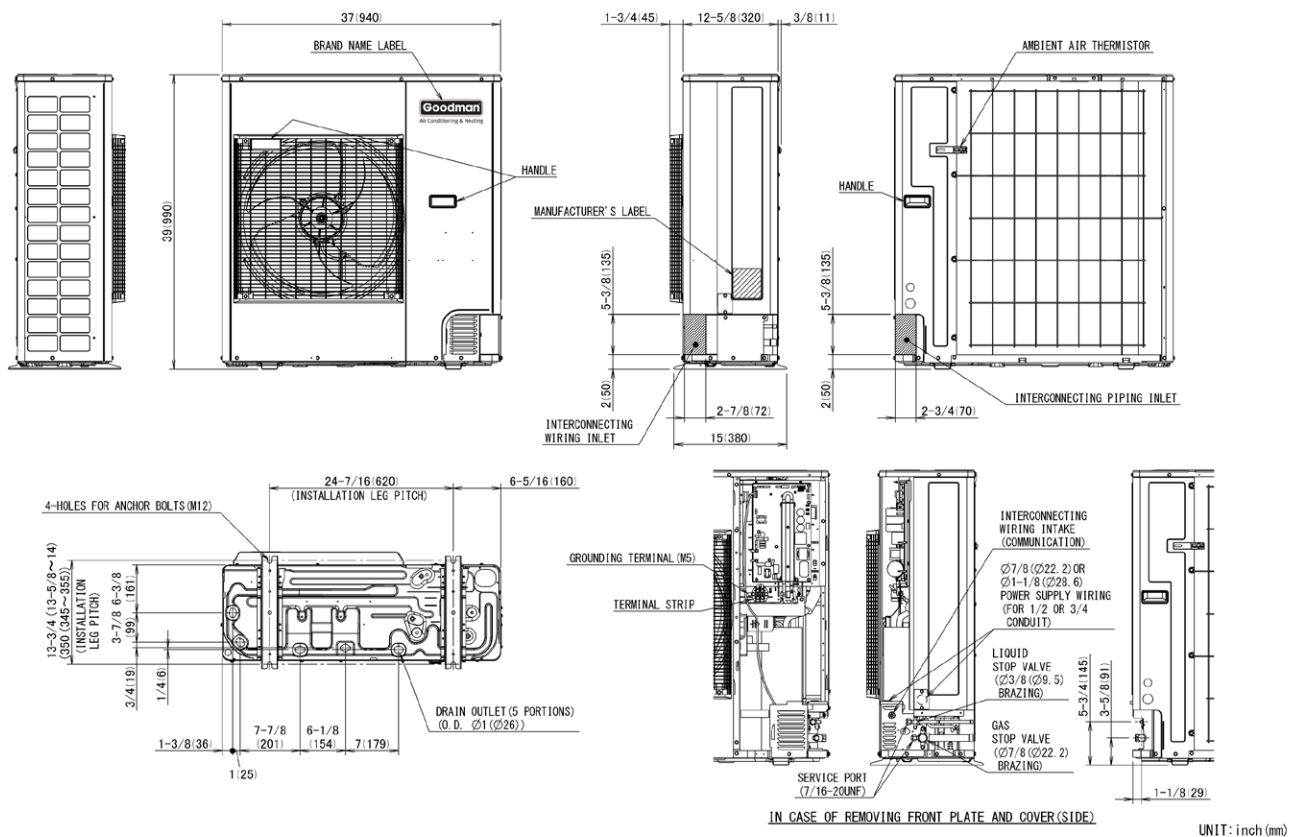
WARNING

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

MODEL	DIMENSIONS		
	W"	D"	H"
GSZS601810A*	36 $\frac{5}{8}$	13 $\frac{3}{4}$	27 $\frac{3}{8}$
GSZS602410A*	36 $\frac{5}{8}$	13 $\frac{3}{4}$	27 $\frac{3}{8}$
GSZS603010A*	36 $\frac{5}{8}$	13 $\frac{3}{4}$	27 $\frac{3}{8}$
GSZS603610A*	36 $\frac{5}{8}$	13 $\frac{3}{4}$	27 $\frac{3}{8}$



MODEL	DIMENSIONS		
	W"	D"	H"
GSZS604210A*	37	12 $\frac{3}{8}$	39
GSZS604810A*	37	12 $\frac{3}{8}$	39
GSZS606010A*	37	12 $\frac{3}{8}$	39



MODEL	DESCRIPTION	GSZS6 01810A*	GSZS6 02410A*	GSZS6 03010A*	GSZS6 03610A*	GSZS6 04210A*	GSZS6 04810A*	GSZS6 06010A*
KPW5G112	Wind Baffle	X	X	X	X	X	X	X
KPS00501 ¹	Snow Guard Front	X	X	X	X			
KPS00502 ¹	Snow Guard Rear	X	X	X	X			
KPS00503 ¹	Snow Guard Side	X	X	X	X			
KPS00504 ¹	Snow Guards - Complete Set	X	X	X	X			
KPS00601 ¹	Snow Guard Front					X	X	X
KPS00602 ¹	Snow Guard Rear					X	X	X
KPS00603 ¹	Snow Guard Side					X	X	X
KPS00604 ¹	Snow Guards - Complete Set					X	X	X
130-DK-006	Hail Guard	X	X	X	X			
130-DK-008	Hail Guard					X	X	X
KEH3P573598	Drain Pan Heater	X	X	X	X			
KEH3P573567	Drain Pan Heater					X	X	X
DACA-WB-3	Powder Coated Wall-Mounted Bracket	X	X	X	X	X	X	X

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

[illegible]

[illegible]

[illegible]