

UP TO 17.2 SEER2 AND 8.5 HSPF2 1% to 5 TONS

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

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



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.)



PARTS

LIMITED

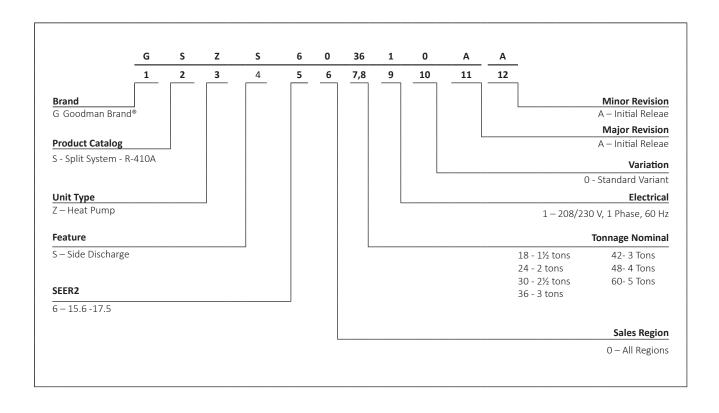




COMPANY WITH QUALITY SYSTEM ERTIFIED BY DNV GL = ISO 9001= COMPANY WITH ENVIRONMENTAL SYSTE CERTIFIED BY DNV GL = ISO 14001 =



* 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.



	GSZS6 01810A*	GSZS6 02410A*	GSZS6 03010A*	GSZS6 03610A*	GSZS6 04210A*	GSZS6 04810A*	GSZS6 06010A*
CAPACITIES (AHRI RATED)							
Max. Cooling (BTU/h)-95F	16,600	22,200	27,800	33,600	39,500	45,000	53,000
Max. Heating (BTU/h)-47F	17,400	23,200	28,800	34,600	40,000	45,500	54,500
Max. Heating (BTU/h)-5F	13,000	13,900	16,900	19,700	27,400	28,600	32,400
AMBIENT OPERATION RANGE				·	·		
COOLING (°FDB(°CDB))			0 to	115 (-17.8 to 4	46.1)		
HEATING (°FDB(°CDB))			-10 t	o 70 (-23.3 to	21.1)		
COMPRESSOR							
Туре	Swing	Swing	Swing	Swing	Swing	Swing	Swing
RLA	10.0	13.4	16.8	16.8	25.5	25.5	26.9
CONDENSER FAN MOTOR							
Horsepower	0.09	0.09	0.20	0.20	0.36	0.36	0.36
FLA	1.15	1.15	2.00	2.00	1.63	1.63	1.63
REFRIGERATION SYSTEM							
Refrigerant Line Size ¹							
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	7∕8"	7∕8"	1%"	11/8"	1%"
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"	7/8"
Valve Connection Type	Front Sealing	Front Sealing	Front Sealing	Front Sealing	Front and Back Sealing	Front and Back Sealing	Front and Back Sealing
Refrigerant Charge (oz.)	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	1/2"	1/2"	1/2"	1/2"	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

Notes

- \bullet Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply %" to 1%" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 1/2" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure. (See table below for allowable line set diameter)

			ALLOWABI	E LINE SET	DIAMETER	}	
Unit Tons		LIQUID			Suc	TION	
	1/4	5/16	3/8	5/8	3/4	7/8	11/8
1.5	Х	Х	Х	X*	Х		
2.0		Х	Х	X*	Х		
2.5		Х	Х		X*	Х	
3.0		Х	Х		X*	Х	
3.5			Х			Х	Х
4.0			Х			Х	Х
5.0			Х			Х	х

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.

GSZS6*361*A*

OUTDOOR UNIT

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

 $^{^{\}rm 3}\,$ Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

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 AMBIENT TEMPERATURE	R AMBIE	ENT TEM	PERATU	Æ									
				65	65ºF			7	75ºF			8	85ºF			6	95ºF			105ºF	∃ē!			115ºF	₽£	
												ENTE	ENTERING INDOOR WET BULB TEMPERATURE	OOR W	ET BULB	TEMPE	AATURE									
BGI	AIRF	AIRFLOW	29		29	71	- 59	63	29	17	29	63	<u> </u>	71	29	63	29	71	_ 23 _	63	29	71	29	63	29	71
		MBh	15.9	16.6	17.6		16.7	16.9	17.4		16.3	16.5	17.0	1	15.5	15.7	16.2		14.6	14.8	15.3	,	13.7	14.0	14.5	-
		S/T	0.62	0.54	0.40	•	0.62	0.54	0.40	1	0.65	0.57	0.43	1	1.00	0.59	0.45	-	1.00	0.61	0.47	,	1.00	0.67	0.52	_
		□ ∆T	21	19	13	1	18	16	13	1	18	16	13	ı	18	16	13		18	16	13	,	19	17	14	_
	250	×	1.04	1.07	1.07	1	1.20	1.20	1.20	1	1.36	1.35	1.35	ı	1.52	1.52	1.51	1	1.70	1.70	1.70	,	1.91	1.91	1.91	,
		Amps		3.8	3.9		4.5	4.5	4.4	1	5.1	5.1	5.1	1	5.8	5.8	5.8	1	9.9	9.9	9.9	-	7.5	7.5	7.5	_
		Hi PR		245	245		280	281	283	1	320	321	323	1	363	364	366	1	410	411	412	,	459	460	462	_
		Lo PR	125	126	131		133	135	138	1	140	142	145	1	146	147	151	-	151	153	156	-	158	160	163	_
		MBh	16.6	17.3	17.9		17.0	17.2	17.7	1	16.5	16.8	17.3		15.8	16.0	16.5		14.8	15.1	15.6	-	14.0	14.2	14.7	_
		Z/Z	69.0	0.61	0.47	•	0.70	0.62	0.48	1	0.73	0.65	0.51	1	1.00	0.67	0.53	1	1.00	69.0	0.55	,	1.00	0.74	09.0	-
		ΔT	19	15	12	•	17	15	12	1	17	15	12	1	17	15	12	-	16	15	12	,	17	16	13	,
20	610	≫		1.08	1.07	1	1.21	1.21	1.21	1	1.36	1.36	1.36	1	1.53	1.53	1.52	-	1.71	1.71	1.70	-	1.92	1.92	1.92	1
		Amps	3.8	3.9	3.9	•	4.5	4.5	4.5	1	5.2	5.1	5.1	1	5.9	5.9	5.8	-	9.9	9.9	9.9	,	7.6	7.6	7.6	,
		Hi PR		245	247	•	282	283	285	1	322	324	325	1	366	367	368	-	412	413	415	,	462	463	464	_
		Lo PR	127	130	133		136	137	140	1	142	144	147	1	148	150	153	-	154	155	158	-	161	162	165	-
		MBh	17.4	17.7	18.2		17.3	17.5	18.0		16.8	17.1	17.6	ı	16.1	16.3	16.8	1	15.2	15.4	15.9	1	14.3	14.5	15.0	-
		S/T	0.73	0.65	0.51		0.74	99.0	0.52	1	1.00	0.69	0.54	1	1.00	0.71	0.56	1	1.00	0.73	0.59	-	1.00	1.00	0.64	_
		ΔT	16	14	11	1	16	14	11	1	16	14	11	1	16	14	11		15	14	11	,	16	15	12	,
	700	≷	1.09	1.08	1.08		1.22	1.22	1.22	1	1.37	1.37	1.37	1	1.53	1.53	1.53		1.72	1.71	1.71	,	1.93	1.93	1.93	-
		Amps	3.9	3.9	3.9	1	4.5	4.5	4.5	1	5.2	5.2	5.2	ı	5.9	5.9	5.9		6.7	6.7	6.7	1	7.6	7.6	7.6	1
		Hi PR	247	248	249	1	285	286	288	1	325	326	328	1	368	369	371	1	414	415	417	,	464	465	467	,
		Lo PR	130	132	135	1	138	140	143	ı	145	146	150	ı	151	152	155	1	156	158	161	1	163	165	168	1

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1																								
173	168	165	163	166	161	158	156	161	155	152	151	155	150	146	145	148	143	140	138	141	135	132	130	Lo PR		
471	467	465	464	422	417	416	415	375	371	369	368	332	328	326	325	292	288	286	285	254	250	248	247	Hi PR		
9.7	7.6	7.6	7.6	6.7	6.7	6.7	6.7	5.9	5.9	5.9	5.9	5.2	5.2	5.2	5.2	4.6	4.5	4.5	4.5	4.0	3.9	3.9	3.9	Amps		
1.93	1.92	1.93	1.93	1.72	1.71	1.71	1.71	1.54	1.53	1.53	1.53	1.38	1.37	1.37	1.37	1.23	1.22	1.22	1.22	1.09	1.08	1.08	1.08	××	700	
12	15	18	20	11	14	17	19	11	15	18	19	12	15	18	19	11	15	18	19	11	15	18	19	ΔT		
0.63	0.78	1.00	1.00	0.57	0.72	1.00	1.00	0.55	0.70	0.84	1.00	0.53	0.68	0.82	1.00	0.50	0.65	0.79	1.00	0.50	0.65	0.79	0.87	S/T		
15.8	15.1	14.6	14.3	16.7	15.9	15.4	15.2	17.6	16.8	16.3	16.1	18.4	17.6	17.1	16.8	18.8	18.0	17.5	17.3	19.0	18.2	17.7	17.4	MBh		
171	165	162	161	164	158	155	154	158	153	150	148	153	147	144	142	146	140	137	136	138	133	130	127	Lo PR		
469	465	463	462	419	415	413	412	373	369	367	366	330	325	324	323	290	285	284	283	251	247	245	246	Hi PR		
7.6	7.6	7.6	7.6	6.7	9.9	9.9	9.9	5.9	5.8	2.8	5.9	5.2	5.1	5.1	5.1	4.5	4.5	4.5	4.5	3.9	3.9	3.9	3.8	Amps		
1.93	1.92	1.92	1.92	1.71	1.70	1.71	1.71	1.53	1.52	1.52	1.53	1.37	1.36	1.36	1.36	1.22	1.21	1.21	1.21	1.08	1.07	1.08	1.08	×	610	75
13	16	19	21	12	15	18	20	12	16	19	20	13	16	19	20	12	16	19	20	12	16	19	23	ΔT		
0.59	0.74	1.00	1.00	0.53	0.68	1.00	1.00	0.51	99.0	0.80	1.00	0.49	0.64	0.78	1.00	0.46	0.61	0.75	1.00	0.46	0.61	0.75	0.83	S/T		
15.5	14.7	14.2	14.0	16.4	15.6	15.1	14.8	17.3	16.5	16.0	15.8	18.0	17.3	16.8	16.5	18.5	17.7	17.2	17.0	18.6	17.9	17.4	16.6	MBh		
169	163	160	158	162	156	153	151	156	151	147	146	150	145	142	140	144	138	135	134	136	131	126	125	Lo PR		
466	462	460	459	417	413	411	410	370	366	364	363	327	323	321	320	287	283	281	280	249	245	245	243	Hi PR		
7.6	7.5	7.5	7.5	9.9	9.9	9.9	9.9	5.8	5.8	5.8	5.8	5.1	5.1	5.1	5.1	4.5	4.4	4.5	4.5	3.9	3.9	3.8	3.6	Amps		
1.92	1.91	1.91	1.91	1.71	1.70	1.70	1.70	1.52	1.51	1.52	1.52	1.36	1.35	1.35	1.35	1.21	1.20	1.20	1.20	1.08	1.07	1.07	1.04	××	520	
14	18	21	22	13	17	20	21	14	17	20	21	14	17	20	22	14	17	20	21	14	17	23	25	ΤΔ		_
0.51	99.0	1.00	1.00	0.46	0.61	0.75	1.00	0.43	0.58	0.72	1.00	0.41	0.56	0.70	1.00	0.39	0.54	0.68	1.00	0.38	0.53	0.67	0.75	S/T		
15.3	14.5	14.0	13.7	16.1	15.3	14.8	14.6	17.0	16.3	15.8	15.5	17.8	17.0	16.5	16.3	18.2	17.5	16.9	16.7	18.4	17.6	16.6	15.9	MBh		_

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

		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	69.0	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	56	23	20	29	27	24	21
	250	×	1.04	1.07	1.07	1.08	1.21	1.21	1.20	1.21	1.36	1.36	1.35	1.36	1.52	1.52	1.52	1.53	1.70	1.70	1.70	1.71	1.92	1.91	1.91	1.92
	_	Amps	3.6	3.8	3.9	3.9	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.2	5.8	5.8	5.8	5.9	9.9	9.9	9.9	6.7	7.6	7.5	7.5	7.6
	_	Hi PR	245	246	246	251	282	283	285	289	322	323	325	329	365	366	368	372	411	412	414	418	461	462	464	468
	_	Lo PR	127	128	133	138	136	138	141	146	143	144	147	153	148	150	153	158	154	155	159	164	161	162	166	171
		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	69.0	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	56	23	20
85 (610	××	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	9.9	6.7	7.6	7.6	7.6	7.6
	_	Hi PR	248	247	249	253	284	285	287	291	324	325	327	331	367	368	370	374	414	415	417	421	463	464	466	470
	_	Lo PR	129	132	135	141	138	140	143	148	145	146	150	155	151	152	155	161	156	158	161	166	163	165	168	173
		MBh .	17.8	18.1	18.6	19.3	17.7	17.9	18.4	19.2	17.2	17.5	18.0	18.7	16.5	16.7	17.2	18.0	15.5	15.8	16.3	17.0	14.7	14.9	15.4	16.2
_		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	56	24	21	18	27	25	22	19
	200	×	1.09	1.09	1.08	1.09	1.22	1.22	1.22	1.23	1.37	1.37	1.37	1.38	1.54	1.53	1.53	1.54	1.72	1.72	1.71	1.72	1.93	1.93	1.93	1.94
_	_	Amps	4.0	3.9	3.9	4.0	4.5	4.5	4.5	4.6	5.2	5.2	5.2	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.7	6.7	7.6	7.6	7.6	7.6
_	_	Hi PR	248	249	251	255	287	288	289	294	327	328	329	334	370	371	372	377	416	417	419	423	466	467	469	473
	_	Lo PR	133	134	138	143	141	142	145	151	147	149	152	157	153	155	158	163	159	160	163	169	166	167	170	176
Enter	opul Bui	DB = Entering Indoor Dry Bulb Temperature	ulb Temp	erature										Shaded	Shaded ares is AHRI contitions.	4RI conti	tions.							kW = To	kW = Total system powe	m powe
				1000	-	:																				,

68 68 67 75° 75° 75° 710° <th></th> <th>õ</th> <th>UTDOOR</th> <th>AMBIE</th> <th>OUTDOOR AMBIENT TEMPERATURE</th> <th>ERATUR</th> <th>יע</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>													õ	UTDOOR	AMBIE	OUTDOOR AMBIENT TEMPERATURE	ERATUR	יע									
Main 1.0					65	9 F			75	9º			85	j.			955	J.			105	ίF			115ºF	F	
MBH 160 167 177 185 168 170 170 187 187 187 187 187 187 187 187 187 187													ENTERI	NG INDO	JOR WE		EMPERA	TURE									
520 MBH 160 167 177 185 168 170 175 183 164 160 167 177 185 166 170 170 180 170 180 160 180 170 180 180 166 170 170 180 <th>IDB</th> <th>AIRF</th> <th>LOW</th> <th>29</th> <th>63</th> <th>29</th> <th>71</th> <th>29</th> <th>63</th> <th> 29</th> <th>71</th> <th>59</th> <th> 63</th> <th> 29</th> <th>7.1</th> <th> 65</th> <th>63</th> <th></th> <th>71 </th> <th>- 65</th> <th>63</th> <th> 29</th> <th>71 </th> <th>29</th> <th>—</th> <th> 29</th> <th>71</th>	IDB	AIRF	LOW	29	63	29	71	29	63	29	71	59	63	29	7.1	65	63		71	- 65	63	29	71	29	—	29	71
57 1.00 0.80 0.66 0.51 1.00 0.81 0.67 0.52 1.00 0.80 0.64 0.51 1.00 0.81 0.67 0.52 1.00 0.81 0.67 0.52 1.00 0.81 0.67 0.67 0.67 0.69 0.54 1.00 0.81 0.69 1.00 0.70 0			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
520 kW 1.04 1.07 1.05 1.03 1.05 1.			S/T	1.00	0.80	0.66	0.51	1.00	0.81	0.67	0.52	1.00	0.83	69.0	0.54	1.00	1.00	0.71	0.56	1.00	1.00		0.59	1.00	1.00	0.79	0.64
 4.00 kW 1.04 Li, 1.07 1.05 Li, 2. 1.0 1.05 Li, 2. 1			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
 Amps 3.6 3.8 3.9 4.5 4.5 4.5 4.6 4.6 4.7 4.5 4.7 4.5 4.7 4.7		250	×	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
HIPR 243 245 245 249 281 282 283 288 321 323 328 363 367 371 491 410 411 413 417 418 418 417 418 418 417 418 418 417 418 418 417 418 418 418 418 418 418 418 418 418 418			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	9.9	9.9		9.9	7.5	7.5	7.5	7.6
 MBh 16.7 17.5 18.6 			Hi PR	243	245	245	249	281	282	283	288	321	322	323	328	364	365	367	371	410	411		417	460	461	463	467
610 MBh 16.7 17.4 18.0 18.7 17.8 18.6 16.6 16.9 17.4 18.1 18.7 17.8 18.6 16.9 17.4 18.1 15.9 16.4 16.9 17.9 18.9 17.9 18.9 17.4 18.9 18.7 17.8 18.6 17.9 18.9 17.9 18.9 1			Lo PR	125	127	131	137	134	136	139	144	141	142	146	151	146	148	151	157	152	154		162	159	161	164	169
610 688 674 6.69 6.70 6.61 6.62 1.00 6.89 6.77 6.62 1.00 6.79 6.70 6.62 1.00 6.09 6.70 6.62 1.00 6.09 6.70 6.62 1.00 6.09 6.70 6.70 6.00 1.00 6.70 6.70 6.70 1.00 1.00 1.00 6.70 6.70 6.70 1.00 1.00 1.00 1.00 6.			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	7	16.4	14.1	14.3	14.8	15.6
610 KW 108 12 19 16 24 22 19 16 24 22 19 16 24 22 19 16 24 22 19 16 24 22 19 16 24 22 19 16 24 22 19 16 24 22 19 16 24 25 15 153 154 153 153 154 154 154 153 154 154 154 154 154 153 154<			S/T	1.00	0.88	0.74	0.59	1.00	0.89	0.74	09.0	1.00	0.91	0.77	0.62	1.00	1.00	0.79	0.64	1.00			99.0	1.00	1.00	0.87	0.72
610 kW 1.08 1.08 1.09 1.01 1.21 1.21 1.32 1.36 1.36 1.36 1.36 1.36 1.39 1.59 1.			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
Amps 3.8 3.9 3.0 <th>80</th> <th>610</th> <th>×</th> <th>1.08</th> <th>1.08</th> <th>1.07</th> <th>1.09</th> <th>1.21</th> <th>1.21</th> <th>1.21</th> <th>1.22</th> <th>1.36</th> <th>1.36</th> <th>1.36</th> <th>1.37</th> <th>1.53</th> <th>1.53</th> <th>1.52</th> <th>1.53</th> <th>1.71</th> <th>1.71</th> <th>1.70</th> <th>1.72</th> <th>1.92</th> <th>1.92</th> <th>1.92</th> <th>1.93</th>	80	610	×	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	1.52	1.53	1.71	1.71	1.70	1.72	1.92	1.92	1.92	1.93
HIPR 477 246 248 252 283 284 286 290 323 324 326 330 366 367 369 373 413 414 415 420 420 420 420 420 420 420 420 420 420			Amps	3.8	3.9	3.9	3.9	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.2	5.9	5.9	2.8	5.9	9.9	9.9	9.9	6.7	7.6	7.6	9.7	7.6
LOPR 127 130 133 139 136 138 141 146 143 145 148 153 149 150 <th></th> <th></th> <th>Hi PR</th> <th>247</th> <th>246</th> <th>248</th> <th>252</th> <th>283</th> <th>284</th> <th>286</th> <th>290</th> <th>323</th> <th>324</th> <th>326</th> <th>330</th> <th>366</th> <th>367</th> <th>369</th> <th>373</th> <th>413</th> <th>414</th> <th></th> <th>420</th> <th>462</th> <th>463</th> <th>465</th> <th>469</th>			Hi PR	247	246	248	252	283	284	286	290	323	324	326	330	366	367	369	373	413	414		420	462	463	465	469
MMh 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 16.8 18.9 17.5 18.4 16.5 16.0 18.2 16.9 17.7 18.4 16.5 16.4 16.9 17.7 18.4 16.5 16.0 18.8 16.8 18.8 18.8 18.8 18.8 18.8 18.8			Lo PR	127	130	133	139	136	138	141	146	143	145	148	153	149	150	153	159	154	156		164	161	163	166	171
δ/T 1.00 0.92 0.78 0.63 1.00 1.00 0.83 0.66 1.00 1.00 0.83 0.70 0.83 0.68 1.00 1.00 0.83 0.70 0.83 0.68 1.00 1.00 0.83 0.70 <th< th=""><th></th><th></th><th>MBh</th><th>17.5</th><th>17.8</th><th>18.3</th><th>19.0</th><th>17.4</th><th>17.6</th><th>18.1</th><th>18.9</th><th>16.9</th><th>17.2</th><th>17.7</th><th>18.4</th><th>16.2</th><th>16.4</th><th>16.9</th><th>17.7</th><th>15.2</th><th>15.5</th><th></th><th>16.8</th><th>14.4</th><th>14.6</th><th>15.1</th><th>15.9</th></th<>			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		16.8	14.4	14.6	15.1	15.9
AT 63 21 18 15 23 21 18 15 23 21 18 15 23 21 18 15 23 21 18 15 23 21 18 15 23 21 18 15 23 21 18 15 15 18 18 15 18 18 18 18 18 18 18 18 18 18 18 18 18			S/T	1.00	0.92	0.78	0.63	1.00	0.92	0.78	0.63	1.00	1.00	0.81	99.0	1.00	1.00	0.83	0.68	1.00			0.70	1.00	1.00	1.00	0.76
kW 1.09 1.08 1.08 1.09 1.09 1.08 1.09 1.09 1.09 1.09 1.09 1.09 1.09 1.00 1			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
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 6.7 13.0 5.9 5.9 5.9 5.9 5.9 5.9 5.9 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7		200	×	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
247 248 250 254 285 287 288 292 325 328 332 369 370 371 376 415 416 418 422 131 133 136 140 143 149 145 147 150 156 151 153 156 161 157 158 161 167			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	9.7	7.6	7.6	7.6
131 133 136 141 139 140 143 149 145 147 150 156 151 153 156 161 157 158 161 167			Hi PR	247	248	250	254	285	287	288	292	325	327	328	332	369	370	371	376	415	416		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

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.

SS-GSZS6

											•	OUTDOC	OR AMB	OUTDOOR AMBIENT TEMPERATURE	MPERATI	JRE									
			65	65ºF			7	75ºF			8	85ºF				95ºF			10	105ºF			115ºF	Ь	
											ENTE	ENTERING INDOOR WET	DOOR V	VET BUL	B TEMPI	BULB TEMPERATURE									
AIR	AIRFLOW	29	— 63 —	67	71	23	63	29	17	29	63	<u> </u>	71	29	 —	67	71	29	63	67	71	29	63	29	71
	MBh	21.2	22.3	23.5		22.3	22.6	23.3	1	21.7	22.1	22.7	'	20.7	21.0	21.7	1	19.5	19.8	20.5	-	18.4	18.7	19.3	
	S/T	0.61	0.53	0.39	1	0.61	0.53	0.40	1	0.64	0.56	0.42	1	0.66	0.58	0.44	1	1.00	09.0	0.46	,	1.00	99.0	0.52	
	ΔT	20	19	13	1	18	16	13	1	18	16	13	1	18	16	13	1	18	16	13	_	19	17	14	_
089	Š	1.44	1.50	1.53	1	1.73	1.73	1.73	ı	1.95	1.95	1.95	1	2.19	2.19	2.19	1	2.46	2.46	2.45	,	2.77	2.77	2.76	_
	Amps	5.1	5.3	5.5	ı	6.4	6.4	6.4	ı	7.3	7.3	7.3	1	8.4	8.4	8.4	ı	9.5	9.5	9.5	-	10.9	10.9	10.9	_
	Hi PR	256	259	264		302	303	305	1	345	346	348	1	391	393	394	1	442	443	445	,	495	496	498	_
	Lo PR	121	122	127	ı	130	131	134	ı	136	138	141	ı	142	143	146	ı	147	148	152	1	154	155	158	-
	MBh	22.3	23.2	23.9	,	22.7	23.0	23.7	'	22.1	22.4	23.1	1	21.1	21.4	22.1	1	19.8	20.2	20.8	,	18.7	19.0	19.7	ļ .
	S/T	0.68	0.61	0.47		0.69	0.61	0.47	1	0.72	0.64	0.50	1	1.00	99.0	0.52	1	1.00	0.68	0.54	,	1.00	0.73	0.59	
	ΔT	19	15	12	1	17	15	12	1	17	15	12	1	17	15	12	1	16	15	12	-	17	16	13	,
800	≷		1.55	1.54	1	1.74	1.74	1.74	1	1.96	1.96	1.96	1	2.20	2.20	2.20	1	2.47	2.47	2.46	-	2.78	2.78	2.78	,
	Amps		5.6	5.6	1	6.4	6.4	6.4	1	7.4	7.4	7.4	•	8.4	8.4	8.4	1	9.6	9.6	9.6	-	10.9	10.9	10.9	,
	Hi PR		264	266	•	305	306	308	1	348	349	351	1	394	395	397	1	444	445	447	'	498	499	501	,
	Lo PR	123	126	129	,	132	133	136	-	138	140	143	1	144	145	148	1	149	151	154	-	156	157	161	-
	MBh		23.6	24.3	1	23.1	23.4	24.1		22.5	22.8	23.5	1	21.5	21.8	22.5	1	20.3	20.6	21.3	-	19.1	19.5	20.1	1
	S/T		0.64	0.51		0.73	0.65	0.51	1	0.76	0.68	0.54	1	1.00	0.70	0.56	1	1.00	0.72	0.58	_	1.00	0.77	0.63	
	ΔT	16	14	11	1	16	14	11	1	16	14	11	1	16	14	11	1	15	14	11	-	16	15	12	,
920	Š		1.56	1.55	1	1.76	1.75	1.75	1	1.98	1.97	1.97	1	2.21	2.21	2.21	1	2.48	2.48	2.47	1	2.79	2.79	2.79	
	Amps	5.6	9.5	5.6	1	6.5	6.5	6.5	ı	7.4	7.4	7.4	i	8.5	8.5	8.5	ı	9.6	9.6	9.6	1	11.0	11.0	11.0	1
	Hi PR	266	267	269	1	307	308	310	1	350	351	353	1	397	398	400	1	447	448	450	,	200	501	503	,
	Lo PR	127	128	131	1	134	136	139	1	141	142	145	1	146	148	151	1	152	153	156	,	158	160	163	,

75 800 VII. 21.3 22.3 22.4 22.3 22.7 22.3 22.7 22.3 22.7 22.3 22.7 22.3 22.4 21.0 0.69 0														
680 NYT 0.75 0.66 0.52 0.37 0.75 0.67 0.53 0.78 0.79 0.69 0.79 0.79 0.67 0.73 0.79 0.79 0.69 0.69 AMD 24 23 1.7 1.4 21 21 20 17 14 22 20 HIPR 5.1 5.3 5.5 5.6 6.4 6.4 6.4 6.4 6.4 7.3 1.95 1.95 20 HIPR 25.7 260 264 268 302 303 305 310 345 346 348 AMB 22.3 23.2 23.2 23.9 24.9 22.7 23.0 23.7 24.7 22.1	-	22.1 22.7	23.8	20.7	21.1	21.7 2	22.8	19.5	19.8	20.5	21.5	18.4 18	18.7 19.4	4 20.4
680 kW 14 23 17 14 21 20 17 14 22 20 Amps KW 1.44 1.50 1.53 1.54 1.73 1.73 1.74 1.95 1.95 1.95 HIPR 5.1 5.3 5.5 5.6 6.4 6.4 6.4 6.4 6.7 1.95 1.95 1.95 HIPR 257 260 264 268 302 303 305 310 345 346 NBh 22.3 23.2		0.69 0.55	0.41	Ū	_	_	0.43	0 00.1	0.74 0	09.0	0.45	1.00 1.	00 0.65	5 0.50
680 KW 1.44 1.50 1.53 1.54 1.73 1.73 1.73 1.74 1.95 1.93 1.95 1.93 1.95 1.93 1.95 1.93 1.95 1.93 1.95 1.93 1.95 1.93 1.95 1.93 1.		20 17	14	21	20		13		19	16	13	22 2	20 17	, 14
Mmps 5.1 5.3 5.5 5.6 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 7.3 7.3 HiPR 257 260 264 268 302 303 305 310 345 346 LOPR 121 122 127 132 130 131 134 139 136 345 346 SVT 0.82 0.74 0.60 0.45 0.82 0.74 0.61 0.45 0.82 0.74 0.60 0.75 0.74 0.61 0.82 0.74 0.61 0.82 0.74 0.61 0.82 0.74 0.60 0.75 0.74 0.61 0.74 0.70 0.75 0.74 0.70 0.75 0.74 0.70 0.75 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.77 0.74 0.74 0.	_	1.95 1.95	1.96	6	2.19	2.18 2	2.20	2.46 2	2.45 2	2.45 2	2.47	2.77 2.	2.77 2.76	6 2.78
MBN 257 260 264 268 302 303 305 310 345 346 LOPR 121 122 127 132 132 136 136 136 138 345 346 346 MBh 22.3 23.2 23.2 23.9 24.9 22.7 23.0 23.7 24.7 22.1 22.1 22.4 22.1 <th></th> <th>7.3 7.3</th> <th>7.4</th> <th>8.4</th> <th>8.4</th> <th>8.3</th> <th>8.4</th> <th></th> <th></th> <th>9.5</th> <th>9.6</th> <th>10.9</th> <th>10.9</th> <th>9 10.9</th>		7.3 7.3	7.4	8.4	8.4	8.3	8.4			9.5	9.6	10.9	10.9	9 10.9
MBh 22.3 23.2 23.9 24.9 22.7 23.0 23.7 24.7 22.1		346 348	353	392	393	395 3	399	442 4		445 4	449	495 49	496 498	8 503
800 C2.3 23.2 23.9 24.9 22.7 23.0 23.7 24.7 26.1 22.1 22.4 800 CAT 0.62 0.45 0.82 0.74 0.61 0.45 0.82 0.74 0.61 0.45 0.82 0.74 0.61 0.64 0.60 0.74 0.61 0.82 0.74 0.61 0.74 0.70 0.77 800 KW 1.52 1.54 1.56 1.74 1.74 1.75 1.96 1.90 0.77 HIPR 2.61 2.65 5.6 5.6 6.4 6.4 6.7 1.74 1.75 1.96 1.90 0.77 HIPR 2.61 2.65 2.67 2.71 305 306 308 312 348 349 MBH 2.33 2.37 2.43 2.54 2.31 2.34 2.41 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52	_	138 141	146	142	143	146 1	151	147 1	148	152	157	154 1.	155 158	8 164
800 KW 0.54 0.60 0.45 0.82 0.74 0.61 0.82 0.74 0.61 0.82 0.74 0.61 0.82 0.74 0.61 0.82 0.74 0.61 0.46 1.00 0.77 800 KW 1.52 1.54 1.54 1.56 1.74 1.74 1.75 1.96 1.90 1.90 HIPR 2.61 2.65 5.6 5.6 6.4 6.4 6.7 1.74 1.74 1.75 1.96 1.96 1.90	_	22.4 23.1	24.1	21.1			_	19.8 2			21.9 1	18.7 19	19.0 19.7	7 20.7
800 kW 1.5	_		0.48				_				0.53	1.00 1.	1.00 0.73	3 0.58
800 kW 1.52 1.54 1.56 1.76 1.74 1.74 1.75 1.96 1.96 Hi PR 5.4 5.6 5.6 6.6 6.4 6.4 6.5 7.4 7.4 Hi PR 261 265 267 271 305 306 308 312 348 349 LOPR 123 126 129 134 132 136 142 138 140 MBh 23.3 23.7 24.3 25.4 23.1 23.4 24.1 25.2 22.5 22.9 S/T 0.86 0.78 0.64 0.79 0.64 0.50 0.61 0.81 140 AT 1.9 1.8 1.5 1.1 1.9 18 1.7 1.75 1.75 1.75 1.75 1.75 1.75 1.75 1.75 1.75 1.75 1.75 1.75 1.75 1.75 1.75 1.75 1.75 1.75			13				_				12	21 1	9 16	13
Amps 5.4 5.6 5.6 6.4 6.4 6.4 6.5 6.7 7.4 7.4 HiPR 261 265 267 271 305 306 308 312 348 349 LoPR 123 126 129 134 132 136 142 138 140 MBh 23.3 23.7 24.3 25.4 23.1 23.4 24.1 25.2 22.5 22.9 S/T 108 0.78 0.64 0.49 1.00 0.78 0.64 0.50 1.00 0.81 KW 1.56 1.56 1.5 1.7 1.75 1.75 1.75 1.75 1.76 1.9 1.8 Amps 5.6 5.6 5.7 6.5 6.5 6.5 6.5 6.7 7.4 7.4 HiPR 266 267 269 274 307 308 310 141 141 142		1.96 1.96	1.97	2.20		2.20 2	2.21		2.47 2	2.46 2	2.48 2	2.78 2.	2.78 2.78	
Hi PR 261 265 267 271 305 306 308 312 348 349 Lo PR 123 126 129 134 132 135 146 148 140 MBh 23.3 23.7 24.3 25.4 23.1 23.4 24.1 25.2 22.5 22.9 S/T 0.86 0.78 0.64 0.49 1.00 0.78 0.64 0.50 1.00 0.81 AM 1.56 1.56 1.55 1.75 1.75 1.75 1.75 1.76 1.97 1.97 Amps 5.6 5.6 5.7 6.5 6.5 6.5 6.5 6.7 7.4 7.4 Hi PR 266 267 269 274 307 308 310 315 351 352	_	7.4 7.4	7.4				_				9.6	10.9	10.9 10.9	9 11.0
LO PR 123 126 129 134 132 133 136 140 138 140 MBh 23.3 23.7 24.3 25.4 23.1 23.4 24.1 25.2 22.5 22.9 S/T 0.86 0.78 0.64 0.49 1.00 0.78 0.64 0.50 1.00 0.81 AT 1.9 1.8 1.7 1.7 1.75 1.75 1.75 1.75 1.97 1.97 Amps 5.6 5.6 5.7 6.5 6.5 6.5 6.5 6.7 7.4 7.4 Hi PR 266 267 269 274 307 308 310 315 351 352 Lo PR 1.27 1.28 1.31 1.34 1.36 1.39 1.41 1.41 1.41		349 351	355	394							452 4	498 49	499 501	1 506
MBh 23.3 23.7 24.3 25.4 23.4 24.1 25.2 22.5 22.9 S/T 0.86 0.78 0.64 0.49 1.00 0.78 0.64 0.50 1.00 0.81 ΔT 19 18 14 11 19 18 14 11 19 18 KW 1.56 1.56 1.57 1.75 1.75 1.75 1.76 1.97 1.97 Amps 5.6 5.6 5.7 6.5 6.5 6.5 6.7 7.4 7.4 Hi PR 266 267 269 274 307 308 310 315 351 352 Lo PR 127 128 131 137 136 139 144 141 142		140 143	148	144			_		151	154 1	159	156 1	157 161	1 166
S/T 0.86 0.78 0.64 0.49 1.00 0.78 0.64 0.50 1.00 0.81 ΔT 19 18 15 11 19 18 14 11 19 18 kW 1.56 1.56 1.57 1.75 1.75 1.75 1.76 1.97 1.97 Amps 5.6 5.6 5.7 6.5 6.5 6.5 6.5 7.4 7.4 Hi PR 266 267 269 274 307 308 310 315 351 352 Lo PR 127 128 131 137 136 136 144 141 142	_	22.9 23.5	24.6		21.8	22.5 2	_	20.3			_	19.2	19.5 20.1	1 21.2
AT 19 18 15 11 19 18 14 11 19 18 14 11 19 18 18 18 18 18 18 18 18 18 18 18 18 18	_	0.81 0.67	0.52	1.00 (_	_	_			0.71 C	_	1.00 1.	1.00 0.77	7 0.62
kW 1.56 1.56 1.56 1.57 1.75 1.75 1.75 1.75 1.75 1.97 1.97 1.97 Amps 5.6 5.6 5.7 6.5 6.5 6.5 6.5 7.4 7.4 Hi PR 266 267 269 274 307 308 310 315 351 352 Lo PR 127 128 131 137 134 136 139 144 141 142	_	18 15	12				_				_		18 15	, 12
5.6 5.6 5.7 6.5 6.5 6.5 6.5 6.5 7.4 7.4 266 267 269 274 307 308 310 315 351 352 127 128 131 137 134 136 139 144 141 142		1.97 1.97	1.98						2.48 2		_		2.79 2.79	9 2.80
266 267 269 274 307 308 310 315 351 352 127 128 131 137 134 136 139 144 141 142	_	7.4 7.4	7.5				8.5				9.7	11.0 13	11.0 11.0	0 11.0
127 128 131 137 134 136 139 144 141 142	_	352 353	358	397			_		448 4	450 4	_	501 5	502 504	4 508
		142 145	150	146	148	151 1	156	152 1	153	156	161	158 1	160 163	3 168
DB = Entering Indoor Dry Bulb Temperature			Sha	Shaded area is ACCA (TVA) conditions	ACCA (T	VA) condi	tions.					ΚW	/ = Total s	kW = Total system power
High and low pressures are measured at the liquid and suction service valves.											Amps =	Amps = outdoor unit amps (comp.+fan	unit amps	(comp.+fa

MBh 21,4 22,4 23,7 27,5 22,5 24,7 27,5 2											أذ				COLDOOR AMBIENT LEWIT ENALURE										
MBh 21,4 22,4 23,7 24,7 23,6 24,7 23,7 24,7 23,8 24,7 23,7 24,7 23,7 24,7 23,8 24,7 23,8 24,7 2			625	4			75ºF	ΞŁ			85ºF	Į.			95ºF	Ψi			105ºF	ίF			115ºF	F	
AMRHOW 59 63 67 71 MBh 21.4 22.4 23.7 24.7 S/T 0.88 0.79 0.65 0.50 AT 29 27 20 17 680 kW 1.44 1.50 1.53 1.55 Hi PR 25.1 5.3 5.5 5.6 Hi Hi PR 25.7 260 264 269 269 269 269 MBh 22.4 23.3 24.0 25.0 260 <th></th> <th>ENTERI</th> <th>ENTERING INDOOR WET</th> <th>OR WE</th> <th>T BULB T</th> <th>BULB TEMPERATURE</th> <th>TURE</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>											ENTERI	ENTERING INDOOR WET	OR WE	T BULB T	BULB TEMPERATURE	TURE									
680 WBh 21.4 22.4 23.7 24.7 680 kW 1.44 1.50 1.53 1.55 680 kW 1.44 1.50 1.53 1.55 Amps 5.1 5.3 5.5 5.6 Hi PR 257 260 264 269 Lo PR 122 123 127 132 MBh 22.4 23.3 24.0 25.0 S/T 1.00 0.87 0.73 0.58 Amps 5.4 5.6 5.6 5.6 Hi PR 262 265 267 272 Lo PR 1.25 1.56 5.6 5.6 MBh 23.4 5.6 5.6 5.6 MBh 23.4 23.8 24.4 25.5 S/T 1.00 0.91 0.77 0.62 MBh 23.4 23.8 24.4 25.5 S/T 1.00 0.91	_	_	— 83	29	71	- 65	63	29	71	29	63	29	71	29	63	29	71	- 65	63	29	71	29	63	29	71
680 kW 1.29 2.7 0.65 0.50 680 kW 1.44 1.50 1.53 1.55 Amps 5.1 5.3 5.5 5.6 Hi PR 257 260 264 269 Lo PR 122 123 127 132 MBh 22.4 23.3 24.0 25.0 \$/T 1.00 0.87 0.73 0.58 Amps 5.4 5.6 5.6 5.6 Hi PR 262 265 267 272 Lo PR 123 126 135 MBh 23.4 5.6 5.6 5.6 MBh 23.4 23.8 24.4 25.5 \$/T 1.00 0.91 0.77 0.62 \$/T 1.00 0.91 0.77 0.62 \$/T 1.00 0.91 0.77 0.62 \$/T 1.00 0.91 0.77 0.62 <			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
680 kW 1.44 1.50 1.75 1.55 1.	_		0.79	0.65	0.50	1.00	0.80	99.0	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
680 kW 1.44 1.50 1.53 1.55 Amps 5.1 5.3 5.5 5.6 Hi PR 257 260 264 269 Lo PR 122 123 127 132 MBh 22.4 23.3 24.0 25.0 S/T 1.00 0.87 0.73 0.58 Amps 1.52 1.55 1.56 5.6 Hi PR 262 265 267 272 Hi PR 262 265 267 272 Lo PR 123 126 135 MBh 23.4 5.6 5.6 S/T 1.00 0.91 0.77 0.62 S/T 1.00 0.91 0.77 0.62 AMB 23.4 23.8 24.4 25.5 S/T 1.00 0.91 0.77 0.62 AMB 23.8 24 25.5 AMB 23.8			27	20	17	25	23	20	17	25	24	20	17	25	23	20	17	25	23	20	17	26	24	21	18
Amps 5.1 5.3 5.6 5.6 Hi PR 257 260 264 269 Lo PR 122 123 127 132 MBh 22.4 23.3 24.0 25.0 S/T 1.00 0.87 0.73 0.58 Amps 1.52 1.55 1.9 16 Amps 5.4 5.6 5.6 5.6 Hi PR 262 265 267 272 Lo PR 123 126 135 MBh 23.4 5.6 5.6 5.6 S/T 1.00 0.91 0.77 0.62 S/T 1.00 0.91 0.77 0.62 AMB 23.4 23.8 24.4 25.5 S/T 1.00 0.91 0.77 0.62 AMB 23.8 24 25.5 15 AMB 23.8 24 25.5 25.5 AMB			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
Hi PR 257 260 264 269 269 LO PR 122 123 127 132 132 132 132 132 132 132 132 132 132			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	9.6	10.9	10.9	10.9	10.9
LO PR 122 123 127 132 MBh 224 23.3 240 25.0 S/T 1.00 0.87 0.73 0.58 Amps 1.52 1.55 1.54 1.56 Hi PR 262 265 267 272 Lo PR 1.23 1.26 1.56 3.6 MBh 23.4 23.8 24.4 25.5 S/T 1.00 0.91 0.77 0.62 AT 23 21 18 15 WM 1.56 1.56 1.55 1.57			260	264	269	303	304	306	310	346	347	349	353	392	393	395	400	442	443	445	450	496	497	499	503
MBh 22.4 23.3 24.0 25.0 800 kW 1.00 0.87 0.73 0.58 Amps 1.52 1.55 1.54 1.56 Hi PR 262 265 267 272 Lo PR 1.23 1.26 1.56 3.6 MBh 23.4 23.8 24.4 25.5 S/T 1.00 0.91 0.77 0.62 AT 23.8 24.4 25.5 S/T 1.00 0.91 0.77 0.62 WM 1.56 1.56 1.57 1.57			123	127	132	130	132	135	140	137	138	141	146	142	144	147	152	148	149	152	157	154	156	159	164
800 kW 1.00 0.87 0.73 0.58 800 kW 1.52 1.52 1.94 1.6 Amps 5.4 5.6 5.6 5.6 5.6 Hi PR 262 265 267 272 Lo PR 123 126 129 135 MBh 23.4 23.8 24.4 25.5 S/T 1.00 0.91 0.77 0.62 AT 23 21 18 15 WM 1.56 1.56 1.55 1.57	_		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
800 kW 1.52 1.53 1.54 1.56 Amps 5.4 5.6 5.6 5.6 5.6 Hi PR 262 265 267 272 Lo PR 123 126 129 135 MBh 23.4 23.8 24.4 25.5 S/T 1.00 0.91 0.77 0.62 AT 23 21 18 15 WW 1.56 1.56 1.55 1.57			0.87	0.73	0.58	1.00	0.87	0.73	0.59	1.00	0.90	92.0	0.61	1.00	1.00	0.78	0.63	1.00	1.00	0.80	99.0	1.00	1.00	98.0	0.71
800 kW 1.52 1.55 1.54 1.56 1.56 1.56 1.56 1.56 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.7 2.72			22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	23	22	19	16	24	23	20	17
Amps 5.4 5.6 5.6 5.6 5.6 Hi PR 262 265 267 272 Lo PR 123 126 129 135 MBh 23.4 23.8 24.4 25.5 s/T 1.00 0.91 0.77 0.62 ΛΤ 23 21 18 15 kW 1.56 1.56 1.57 1.57			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
Hi PR 262 265 267 272 Lo PR 123 126 129 135 MBh 23.4 23.8 24.4 25.5 s/T 1.00 0.91 0.77 0.62 ΛΤ 23 21 18 15 kW 1.56 1.56 1.57 1.57			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
Lo PR 123 126 129 135 MBh 23.4 23.8 24.4 25.5 s/T 1.00 0.91 0.77 0.62 ΔT 23 21 18 15 kW 1.56 1.56 1.55 1.57			265	267	272	305	306	308	313	348	350	351	356	395	396	398	402	445	446	448	453	498	200	501	909
MBh 23.4 23.8 24.4 25.5 S/T 1.00 0.91 0.77 0.62 ΔT 23 21 18 15 KW 1.56 1.56 1.55 1.57	_		126	129	135	132	134	137	142	139	140	143	149	144	146	149	154	150	151	154	160	156	158	161	166
s/T 1.00 0.91 0.77 0.62 ΔT 23 21 18 15 kW 1.56 1.56 1.55 1.57			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
AT 23 21 18 15 kW 1.56 1.56 1.55 1.57			0.91	0.77	0.62	1.00	0.91	0.77	0.63	1.00	0.94	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84 (0.70	1.00	1.00	0.89	0.75
kW 1.56 1.56 1.55 1.57			21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	22	21	18	15	24	22	19	16
			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
5.6 5.6 5.7			5.6	9.6	5.7	6.5	6.5	6.5	6.5	7.4	7.4	7.4	7.5	8.5	8.5	8.4	8.5	9.6	9.6	9.6	9.7	11.0	11.0	11.0	11.0
267 268 270 274			268	270	274	308	309	311	315	351	352	354	359	397	399	400	405	448	449	451	455	501	502	504	509
127 129 132 137			129	132	137	135	136	139	144	141	143	146	151	147	148	151	157	152	154	157	162	159	160	164	169

		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	06.0	92.0	0.61	1.00	1.00	0.79	0.64	1.00	1.00	0.81	99.0	1.00	1.00	0.83	0.68	1.00	1.00	1.00	0.74
		ΔT	32	30	23	20	28	56	23	20	28	27	24	21	28	26	23	20	28	56	23	20	29	27	24	21
	089	×	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	566	270	304	305	307	311	347	348	350	354	393	395	396	401	444	445	447	451	497	498	200	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	69.0	1.00	1.00	0.84	69.0	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	0.91	92.0	1.00	1.00	1.00	0.81
		ΔT	31	25	22	19	27	25	22	19	27	25	22	19	27	25	22	19	27	25	22	19	28	26	23	20
82	008	≥	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	200	501	503	207
		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	06.0	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	56	24	21	18	26	24	21	18	56	25	21	18	56	24	21	18	26	24	21	18	27	25	22	19
	920	≷	1.56	1.56	1.56	1.57	1.76	1.76	1.75	1.77	1.98	1.98	1.97	1.99	2.22	2.22	2.21	2.23	2.48	2.48	2.48	2.49	2.80	2.79	2.79	2.81
		Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.5	7.4	7.4	7.5	8.5	8.5	8.5	8.5	9.6	9.6	9.6	9.7	11.0	11.0	11.0	11.0
		Hi PR	268	269	271	275	309	310	312	317	352	353	355	360	399	400	402	406	449	450	452	456	502	503	505	510
		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	ring Ind	door Dry	Bulb Ten	nperature										Shaded	Shaded ares is AHRI contitions	HRI cont	itions.							kW = To	kW = Total system powe	n power
High and low pressures are measured at the liquid and suction service valves.	ow press	sures are	measur	ed at the	liquid an	d suction	service \	valves.														Amps	Amps = outdoor unit amps (comp.+fan	or unit a	mps (con	np.+fan)

59				ľ															
		75ºF	J ₀			82	85≗F			95	95ºF			105ºF	9F			115ºF	Ϋ́
- O - 1						ENTER	ING IND	OOR W	ET BULB	ENTERING INDOOR WET BULB TEMPERATURE	ATURE								
\sim	6	63	29	71	29	63	29	71	29	63	67	71	29	63	29	71	29	63	
	0.	28.4	29.5	1	27.2	27.6	28.5	ı	26.0	26.4	27.2	,	24.4	24.8	25.6	-	23.0	23.4	24.2
	11	0.53	0.39	,	0.63	0.55	0.42	1	1.00	0.57	0.44	,	1.00	09.0	0.46	,	1.00	0.65	0.51
	_	16	13	,	18	16	13	1	17	16	13	,	17	16	13	,	18	17	14
~ :	7	2.22	2.22	1	2.50	2.50	2.49	1	2.80	2.80	2.79	_	3.13	3.13	3.13	-	3.53	3.53	3.52
\Box		8.1	8.1	,	9.3	9.3	9.3	1	10.6	10.6	10.6	,	12.1	12.1	12.1	,	13.8	13.8	13.8
4		315	317	,	358	360	362	,	407	408	410	,	459	460	462	,	514	516	517
2		133	136	1	138	140	143	1	144	145	149	-	149	151	154	-	156	158	161
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
23		09.0	0.47	,	0.71	0.63	0.49	1	1.00	0.65	0.51	_	1.00	0.67	0.53	_	1.00	0.72	0.59
C		15	12	1	16	15	12	ı	16	15	12		16	14	11	-	17	15	12
74		2.24	2.23	,	2.51	2.51	2.51	1	2.81	2.81	2.81	,	3.15	3.15	3.14	,	3.54	3.54	3.54
2		8.2	8.2	,	9.4	9.4	9.4	1	10.7	10.7	10.7	1	12.2	12.1	12.1	,	13.9	13.9	13.8
9		318	319	1	361	362	364	ı	409	411	413	1	462	463	465	1	517	518	520
4		135	138	,	140	142	145	1	146	148	151	1	151	153	156	-	158	160	163
6		29.3	30.2	,	28.2	28.6	29.4	1	26.9	27.3	28.2	,	25.4	25.8	26.6	,	24.0	24.4	25.2
72		0.64	0.51	,	0.75	0.67	0.53	1	1.00	0.69	0.55	,	1.00	0.71	0.57	,	1.00	92.0	0.62
LO		14	11	,	16	14	11	1	15	14	11	,	15	13	10	,	16	14	11
5.		2.25	2.24	1	2.53	2.53	2.52	ı	2.83	2.83	2.82	-	3.16	3.16	3.16	-	3.56	3.55	3.55
7		8.2	8.2	,	9.5	9.4	9.4	1	10.8	10.7	10.7	,	12.2	12.2	12.2	,	13.9	13.9	13.9
6		320	322	,	364	365	367	,	412	413	415	,	464	465	467	,	520	521	523
136		138	141	,	143	144	148	1	148	150	153	,	154	155	159	,	161	162	165

30.5 0.38 13 2.23 8.2 322 142 31.0 0.45 12 2.25 8.2 324 144 144 31.5 0.49 0.49 11 11	29.2 30.5 27.2 0.52 0.38 1.00 16 13 21 2.21 2.23 2.50 8.1 8.2 9.3 317 322 359 136 142 138 29.7 31.0 27.7 0.60 0.45 1.00 15 12 20 2.23 2.25 2.51 8.2 8.2 9.4 30.2 31.5 28.2 0.64 0.49 1.00 14 11 19 2.24 2.26 2.53 8.2 8.2 8.4 32.2 2.25 2.23 30.2 31.5 28.2 0.64 0.49 1.00 14 11 19 2.24 2.26 2.53 8.2 8.3 9.4 8.2 8.3 9.4 32.2 32.7 </th <th>29.2 30.5 27.2 27.6 0.52 0.38 1.00 0.69 0 16 13 21 20 1 2.21 2.23 2.50 2.50 2 8.1 8.2 9.3 9.3 9.3 317 322 359 360 136 142 138 140 29.7 31.0 27.7 28.1 15 12 20 18 2.23 2.25 2.51 2.51 8.2 8.2 9.4 9.4 320 324 361 363 138 140 142 30.2 31.5 28.2 28.6 30.2 31.5 28.2 28.6 7 30.2 31.5 28.2 28.6 7 2.24 2.26 2.53 2.52 2 30.2 31.5 2.53 3.52 2 8.2 8.3 9.4 9.4 9.4 8.2 8.3 9.4 9.4 9.4 8.2 8.3 9.4 9.4 9.4 8.2 8.2 9.4 9.4 9.4 <t< th=""><th>29.2 30.5 27.2 27.6 28.5 0.52 0.38 1.00 0.69 0.55 16 13 21 20 17 2.21 2.23 2.50 2.49 17 8.1 8.2 9.3 9.3 9.3 9.3 8.1 8.2 9.3 9.3 9.3 9.3 9.3 8.1 8.2 9.3 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8.1 8.2 9.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3 136 142 138 140 143 140 143 143 140 143 143 15 2.2 15 15 15 15 2.2 15 2.2 15 2.2 15 2.2 15 2.2 15 2.2 15 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2</th><th>29.2 30.5 27.2 28.5 29.8 26.0 26.4 27.2 28.5 28.4 28.5 28.6 26.0 26.4 27.2 28.5 28.4 28.0 <th< th=""><th>29.2 30.5 27.2 27.6 28.5 29.8 6.0 6.0 6.0 28.7 28.8 24.8 27.2 28.5 28.8 26.0 26.0 26.7 28.5 28.6 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 27</th><th>29.2 30.5 27.2 28.5 29.8 26.0 26.4 27.2 28.5 24.4 24.8 25.7 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 0.59 0.55 0.40 1.00 0.70 0.57 0.42 1.00 0.73 0.59 0.59 0.59 0.55 0.40 1.00 0.70 0.57 0.42 1.00 0.70 0.57 0.42 1.00 0.70 0.57 0.42 1.00 0.70 0.57 0.62 0.73 0.59 0.69 0.59 0.70 0.70 0.72 0.72 1.00 0.73 0.</th><th>29.2 30.5 27.2 28.5 28.9 26.0 26.4 27.2 28.5 24.4 28.7 28.9 28.0 <th< th=""><th>29.2 30.5 27.2 28.5 29.8 6.0 26.4 27.2 28.5 24.4 24.8 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28.6 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 27</th><th>29.2 30.5 27.2 28.5 29.8 26.0 26.4 27.2 28.5 24.4 24.8 25.7 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 0.59 0.55 0.40 1.00 0.70 0.57 0.42 1.00 0.73 0.59 0.59 0.59 0.55 0.40 1.00 0.70 0.57 0.42 1.00 0.70 0.57 0.42 1.00 0.70 0.57 0.42 1.00 0.70 0.57 0.62 0.73 0.59 0.69 0.59 0.70 0.70 0.72 0.72 1.00 0.73 0.</th><th>29.2 30.5 27.2 28.5 28.9 26.0 26.4 27.2 28.5 24.4 28.7 28.9 28.0 <th< th=""><th>29.2 30.5 27.2 28.5 29.8 6.0 26.4 27.2 28.5 24.4 24.8 24.4 24.8 25.7 27.0 28.2 29.2 20.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 27.0 20.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0</th><th>29.2 30.5 27.2 28.5 28.6 26.4 27.2 28.5 28.6 27.2 28.5 28.6 28.5 28.6 28.5 28.6 28.6 28.6 28.6 28.6 20.6 20.5 20.6 20.5 20.6 20.5 20.6 20.5 20.6 20.5 20.6 20.5 20.6 20.6 20.6 20.6 20.6 20.6 20.6 20.7 <th< th=""></th<></th></th<></th></th<>	29.2 30.5 27.2 27.6 28.5 29.8 6.0 6.0 6.0 28.7 28.8 24.8 27.2 28.5 28.8 26.0 26.0 26.7 28.5 28.6 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 27	29.2 30.5 27.2 28.5 29.8 26.0 26.4 27.2 28.5 24.4 24.8 25.7 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 0.59 0.55 0.40 1.00 0.70 0.57 0.42 1.00 0.73 0.59 0.59 0.59 0.55 0.40 1.00 0.70 0.57 0.42 1.00 0.70 0.57 0.42 1.00 0.70 0.57 0.42 1.00 0.70 0.57 0.62 0.73 0.59 0.69 0.59 0.70 0.70 0.72 0.72 1.00 0.73 0.	29.2 30.5 27.2 28.5 28.9 26.0 26.4 27.2 28.5 24.4 28.7 28.9 28.0 <th< th=""><th>29.2 30.5 27.2 28.5 29.8 6.0 26.4 27.2 28.5 24.4 24.8 24.4 24.8 25.7 27.0 28.2 29.2 20.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 27.0 20.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0</th><th>29.2 30.5 27.2 28.5 28.6 26.4 27.2 28.5 28.6 27.2 28.5 28.6 28.5 28.6 28.5 28.6 28.6 28.6 28.6 28.6 20.6 20.5 20.6 20.5 20.6 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28.5 29.8 26.0 0.55 0.40 1.00 17 13 21 2.49 2.51 2.80 9.3 9.4 10.6 362 366 407 143 148 144 28.9 30.2 26.4 0.62 0.48 1.00 15 12 20 2.51 2.53 2.81 9.4 9.4 10.7 365 369 410 145 150 146 2.9.5 30.8 26.9 0.66 0.52 1.00 1.4 11 19 2.52 2.54 2.83 9.4 9.5 10.7	26.0 1.00 21 2.80 10.6 407 144 26.4 1.00 20 20 20 2.81 10.7 410 1.00 1.00 1.00 1.00 1.00 1.00 1.00		26.4 0.70 19 2.80 10.6 10.6 10.7 8 18 2.81 10.7 11.7 2.3 10.7 11.7 12.8 13 14.8 18 18 2.8 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7	24.4 1.00 21 3.13 12.1 459 149 24.9 1.00 20 3.15 12.1 462 12.2 160 19 3.16 1.2 19 3.16 1.2 100 100 100 100 100 100 100 100 100 10	24.4 24.8 1.00 0.73 2.1 19 3.13 1.2.1 12.1 12.1 12.1 12.1 12.1 12.	24.4 24.8 25.7 1.00 0.73 0.59 21 19 16 3.13 3.13 3.13 12.1 12.1 12.1 459 460 462 149 151 154 20 0.80 0.67 20 18 15 3.15 3.15 3.14 12.1 12.1 12.1 462 463 465 152 153 156 25.4 25.8 26.6 1.00 1.00 0.70 1.00 1.00 0.70 1.2 12.2 12.2 1.2 12.2 12.2 1.2 1.2 12.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 </td <td>24,4 24,8 25,7 27,0 1,00 0,73 0,59 0,44 21 19 16 13 3,13 3,13 3,15 15 12,1 12,1 12,1 12,1 459 460 462 467 149 151 154 159 24,9 25,3 26,1 27,4 1,00 0,80 0,67 0,52 20 18 15 12 3,15 3,14 3,16 12 462 463 465 470 152 153 156 162 25,4 25,8 26,6 27.9 1,00 1,00 0,70 0,56 1,00 1,00 0,70 0,56 1,00 1,00 0,70 0,56 1,00 1,00 0,70 0,56 1,00 1,00 0,70 0,56 1,00 1,0<</td> <td>24.4 24.8 25.7 27.0 23.0 1.00 0.73 0.59 0.44 1.00 21 19 16 13 22 3.13 3.13 3.13 3.15 3.53 12.1 12.1 12.1 13.8 459 460 462 467 515 149 151 154 159 156 20 18 15 17.4 23.4 1.00 0.80 0.67 0.52 1.00 20 18 15 12 21 3.15 3.15 3.14 3.16 3.54 12.1 12.1 12.2 13.9 462 463 465 470 517 152 153 156 158 25.4 25.8 26.6 27.9 24.0 1.00 1.00 0.70 0.56 1.00 3.16 3.15 3.15 3.15</td> <td>24.4 24.8 25.7 27.0 23.0 23.4 1.00 0.73 0.59 0.44 1.00 1.00 21 19 16 13 22 20 3.13 3.13 3.13 3.15 3.53 3.52 12.1 12.1 12.1 13.8 13.8 459 460 462 467 515 516 149 151 154 159 156 158 20 0.80 0.67 0.52 1.00 1.00 20 18 15 12 19 3.15 3.15 3.16 3.54 3.54 12.1 12.1 12.2 19 3.6 3.15 3.15 3.16 3.54 3.54 12.1 12.1 12.1 13.9 46 462 463 465 470 517 519 152 153 156 158 160<</td>	24,4 24,8 25,7 27,0 1,00 0,73 0,59 0,44 21 19 16 13 3,13 3,13 3,15 15 12,1 12,1 12,1 12,1 459 460 462 467 149 151 154 159 24,9 25,3 26,1 27,4 1,00 0,80 0,67 0,52 20 18 15 12 3,15 3,14 3,16 12 462 463 465 470 152 153 156 162 25,4 25,8 26,6 27.9 1,00 1,00 0,70 0,56 1,00 1,00 0,70 0,56 1,00 1,00 0,70 0,56 1,00 1,00 0,70 0,56 1,00 1,00 0,70 0,56 1,00 1,0<	24.4 24.8 25.7 27.0 23.0 1.00 0.73 0.59 0.44 1.00 21 19 16 13 22 3.13 3.13 3.13 3.15 3.53 12.1 12.1 12.1 13.8 459 460 462 467 515 149 151 154 159 156 20 18 15 17.4 23.4 1.00 0.80 0.67 0.52 1.00 20 18 15 12 21 3.15 3.15 3.14 3.16 3.54 12.1 12.1 12.2 13.9 462 463 465 470 517 152 153 156 158 25.4 25.8 26.6 27.9 24.0 1.00 1.00 0.70 0.56 1.00 3.16 3.15 3.15 3.15	24.4 24.8 25.7 27.0 23.0 23.4 1.00 0.73 0.59 0.44 1.00 1.00 21 19 16 13 22 20 3.13 3.13 3.13 3.15 3.53 3.52 12.1 12.1 12.1 13.8 13.8 459 460 462 467 515 516 149 151 154 159 156 158 20 0.80 0.67 0.52 1.00 1.00 20 18 15 12 19 3.15 3.15 3.16 3.54 3.54 12.1 12.1 12.2 19 3.6 3.15 3.15 3.16 3.54 3.54 12.1 12.1 12.1 13.9 46 462 463 465 470 517 519 152 153 156 158 160<
28.5 29.8 26.0 26.4 0.55 0.40 1.00 0.70 17 13 2.1 19 2.49 2.51 2.80 2.80 9.3 9.4 10.6 10.6 362 366 407 408 143 148 144 145 28.9 30.2 26.4 26.8 0.62 0.48 1.00 0.78 15 12 20 18 2.51 2.53 2.81 2.81 365 369 410 411 145 150 10.7 36 365 369 410 411 145 150 146 17 29.5 30.8 26.9 27.3 0.66 0.52 1.00 0.82 14 11 19 17 2.52 2.54 2.83 2.82 367 372 <t< td=""><td>26.0 26.4 1.00 0.70 2.1 19 2.80 2.80 10.6 10.6 407 408 1.44 145 26.4 26.8 1.00 0.78 2.81 2.81 1.07 10.7 410 411 146 411 146 25.3 1.00 0.82 1.00 0.82 1.00 0.82 1.01 0.82 1.01 1.7 2.83 2.82 1.07 10.7</td><td>26.4 0.70 19 2.80 10.6 408 145 26.8 0.78 0.78 18 2.81 10.7 411 10.7 414 11.7 2.82 10.7 414</td><td></td><td></td><td>24.8 0.73 19 3.13 12.1 460 15.1 25.3 0.80 12.1 463 11.2 12.1 463 11.2 12.1 463 11.0 11.0 11.0 11.0 11.0 11.0 11.0 11.</td><td>24.8 25.7 0.73 0.59 19 16 3.13 3.13 12.1 12.1 12.1 12.1 12.1 12.1</td><td>24.8 25.7 27.0 0.73 0.59 0.44 19 16 13 3.13 3.13 3.15 12.1 12.1 12.1 460 462 467 151 154 159 25.3 26.1 27.4 0.80 0.67 0.52 18 15 12 463 465 470 15.1 12.1 12.2 463 465 470 1.00 0.70 0.56 1.00 0.70 0.56 1.01 0.70 0.56 1.02 1.2 12.3 3.16 3.15 3.17 3.16 3.15 3.17 466 468 472 468 468 472 468 468 472 468 468 472 468 468 472 468 468 472 468 478 472 468 468 472 468 478 472 468 468 472 468 478 472 468</td><td>24.8 25.7 27.0 23.0 0.73 0.59 0.44 1.00 19 16 13 22 3.13 3.13 3.15 3.53 12.1 12.1 12.1 13.8 460 462 467 515 151 154 159 156 25.3 26.1 27.4 23.4 0.80 0.67 0.52 1.00 18 15 12 21 3.15 3.14 3.16 3.54 12.1 12.1 12.2 13.9 463 465 470 517 153 156 158 25.0 25.8 26.6 27.9 24.0 100 0.70 0.56 1.00 17 14 11 20 3.16 3.15 3.15 1.2 12.2 12.2 12.3 13.9 466 468 472 520 466 468 472 520 466 468 472 520</td><td>24.8 25.7 27.0 23.0 23.4 0.73 0.59 0.44 1.00 1.00 19 16 13 22 20 3.13 3.13 3.15 3.53 3.52 12.1 12.1 12.1 13.8 13.8 460 462 467 515 516 151 154 159 156 158 25.3 26.1 27.4 23.4 23.8 0.80 0.67 0.52 1.00 1.00 18 15 12 19 3.15 3.16 3.54 3.54 12.1 12.1 13.9 13.9 463 465 470 517 519 153 156 162 158 160 25.8 26.6 27.9 24.0 1.0 100 0.70 0.56 1.00 1.0 15 3.15 3.15 3.</td></t<>	26.0 26.4 1.00 0.70 2.1 19 2.80 2.80 10.6 10.6 407 408 1.44 145 26.4 26.8 1.00 0.78 2.81 2.81 1.07 10.7 410 411 146 411 146 25.3 1.00 0.82 1.00 0.82 1.00 0.82 1.01 0.82 1.01 1.7 2.83 2.82 1.07 10.7	26.4 0.70 19 2.80 10.6 408 145 26.8 0.78 0.78 18 2.81 10.7 411 10.7 414 11.7 2.82 10.7 414			24.8 0.73 19 3.13 12.1 460 15.1 25.3 0.80 12.1 463 11.2 12.1 463 11.2 12.1 463 11.0 11.0 11.0 11.0 11.0 11.0 11.0 11.	24.8 25.7 0.73 0.59 19 16 3.13 3.13 12.1 12.1 12.1 12.1 12.1 12.1	24.8 25.7 27.0 0.73 0.59 0.44 19 16 13 3.13 3.13 3.15 12.1 12.1 12.1 460 462 467 151 154 159 25.3 26.1 27.4 0.80 0.67 0.52 18 15 12 463 465 470 15.1 12.1 12.2 463 465 470 1.00 0.70 0.56 1.00 0.70 0.56 1.01 0.70 0.56 1.02 1.2 12.3 3.16 3.15 3.17 3.16 3.15 3.17 466 468 472 468 468 472 468 468 472 468 468 472 468 468 472 468 468 472 468 478 472 468 468 472 468 478 472 468 468 472 468 478 472 468	24.8 25.7 27.0 23.0 0.73 0.59 0.44 1.00 19 16 13 22 3.13 3.13 3.15 3.53 12.1 12.1 12.1 13.8 460 462 467 515 151 154 159 156 25.3 26.1 27.4 23.4 0.80 0.67 0.52 1.00 18 15 12 21 3.15 3.14 3.16 3.54 12.1 12.1 12.2 13.9 463 465 470 517 153 156 158 25.0 25.8 26.6 27.9 24.0 100 0.70 0.56 1.00 17 14 11 20 3.16 3.15 3.15 1.2 12.2 12.2 12.3 13.9 466 468 472 520 466 468 472 520 466 468 472 520	24.8 25.7 27.0 23.0 23.4 0.73 0.59 0.44 1.00 1.00 19 16 13 22 20 3.13 3.13 3.15 3.53 3.52 12.1 12.1 12.1 13.8 13.8 460 462 467 515 516 151 154 159 156 158 25.3 26.1 27.4 23.4 23.8 0.80 0.67 0.52 1.00 1.00 18 15 12 19 3.15 3.16 3.54 3.54 12.1 12.1 13.9 13.9 463 465 470 517 519 153 156 162 158 160 25.8 26.6 27.9 24.0 1.0 100 0.70 0.56 1.00 1.0 15 3.15 3.15 3.
28.5 29.8 26.0 26.4 27.2 0.55 0.40 1.00 0.70 0.57 0.55 0.40 1.00 0.70 0.57 17 13 2.1 19 16 2.49 2.51 2.80 2.80 2.79 9.3 9.4 10.6 10.6 10.6 362 366 407 408 410 28.9 30.2 26.4 26.8 27.7 0.62 0.48 1.00 0.78 0.64 15 12 20 18 15 2.51 2.53 2.81 2.81 2.81 365 369 410 411 413 145 150 146 148 151 29.5 30.8 26.9 2.73 28.2 0.66 0.52 1.00 0.82 0.68 14 11 19 17 14 2.52<	26.0 26.4 27.2 1.00 0.70 0.57 2.1 19 16 2.80 2.80 2.79 10.6 10.6 10.6 40.7 40.8 410 144 145 149 2.81 2.81 2.81 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.	26.4 27.2 0.70 0.57 19 16 2.80 2.79 10.6 10.6 408 410 145 149 26.8 27.7 0.78 0.64 18 15 15 15 15 15 15 15 15 15 15 15 15 15	27.2 0.57 16 2.79 10.6 410 149 27.7 0.64 15 1.5 1.5 1.5 1.6 1.6 1.7 4.13 1.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	24.8 0.73 19 3.13 12.1 460 151 25.3 0.80 18 3.15 12.1 463 1.00 1.00 1.100 1.100		25.7 0.59 16 3.13 12.1 462 154 26.1 0.67 15 12.1 465 10.1 465 10.1 4 10.1	25.7 27.0 0.59 0.44 11 3.15 12.1 12.1 12.1 12.1 12.1 12.1 12.1 1	25.7 27.0 23.0 0.59 0.44 1.00 1.00 1.00 1.00 1.00 1.00 1.00	25.7 27.0 23.0 23.4 0.59 0.44 1.00 1.00 16 13 22 20 3.13 3.15 3.53 3.52 12.1 12.1 13.8 13.8 462 467 515 516 154 159 156 158 26.1 27.4 23.4 23.8 0.67 0.52 1.00 1.00 15 12 21 19 3.14 3.16 3.54 3.54 12.1 12.2 13.9 13.9 465 470 517 519 156 158 160 100 26.6 27.9 24.0 24.4 0.70 0.56 1.00 1.00 14 11 20 18 3.15 3.15 3.55 12.2 12.3 13.9 468 472 520 521
28.5 29.8 26.0 26.4 27.2 28.5 0.55 0.40 1.00 0.70 0.57 0.42 17 13 2.1 19 16 13 2.49 2.51 2.80 2.80 2.79 2.81 9.3 9.4 10.6 10.6 10.7 10.7 362 366 407 408 410 415 28.9 30.2 26.4 26.8 27.7 28.9 0.62 0.48 1.00 0.78 0.64 0.50 15 12 20 18 15 12 2.51 2.53 2.81 2.81 2.83 18 3.65 369 410 413 418 11 4.5 150 146 148 15 15 2.51 2.53 2.81 2.81 2.83 2.82 2.9.5 3.65 369 410 411 <td< td=""><td>26.0 26.4 27.2 28.5 1.00 0.70 0.57 0.42 21 19 16 13 2.80 2.80 2.79 2.81 10.6 10.6 10.7 415 407 408 410 415 144 145 149 154 26.4 26.8 27.7 28.9 1.00 0.78 0.64 0.50 20 18 15 12 2.81 2.81 2.83 12 410 411 413 418 10.7 10.7 10.7 10.7 410 418 151 156 26.9 27.3 28.2 29.5 1.00 0.82 0.68 0.54 1.0 0.82 2.82 2.84 1.0 1.0 1.0 1.0 2.83 2.82 2.84 10.7 10.7 10.8</td></td<> <td>26.4 27.2 28.5 0.70 0.57 0.42 19 16 13 2.80 2.79 2.81 10.6 10.6 10.7 408 410 415 145 149 154 26.8 27.7 28.9 0.78 0.64 0.50 18 15 12 2.81 2.81 2.83 10.7 10.7 10.7 411 413 418 151 156 27.3 28.2 29.5 0.82 0.68 0.54 17 14 11 2.82 2.82 2.84 10.7 10.7 10.8</td> <td>27.2 28.5 0.57 0.42 16 13 2.79 2.81 10.6 10.7 410 415 149 154 27.7 28.9 0.64 0.50 15 12 2.81 2.83 10.7 10.7 413 418 151 2.82 2.9.5 0.68 0.54 11 2.82 2.84 110.7 10.8 415 42.0 10.7 10.8 415 42.0 10.7 10.8 415 42.0 10.7 10.8 415 42.0 10.7 10.8 415 42.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 1</td> <td></td> <td>25.7 0.59 16 3.13 12.1 462 154 26.1 0.67 15 3.14 12.1 465 10.1 465 10 10 10 10 10 10 10 10 10 10 10 10 10</td> <td></td> <td>27.0 0.44 13 3.15 12.1 467 159 27.4 0.52 12.2 470 11.2 470 12.2 470 12.2 470 12.3 470 12.3 470 12.3</td> <td>27.0 23.0 0.44 1.00 1.3 2.2 3.15 3.53 12.1 13.8 467 5.15 159 156 27.4 23.4 0.52 1.00 1.2 13.9 470 5.17 16.2 13.9 16.2 15.3 16.2 17.9 24.0 0.56 1.00 1.1 20 3.17 3.55 12.3 13.9 472 5.20</td> <td>27.0 23.0 23.4 0.44 1.00 1.00 1.00 13 22 20 3.15 3.53 3.52 12.1 13.8 13.8 467 515 516 159 156 158 27.4 23.4 23.8 0.52 1.00 1.00 12 2.1 19 3.16 3.54 3.54 470 517 519 162 158 160 27.9 24.0 24.4 0.56 1.00 1.00 11 20 18 3.17 3.55 3.55 12.3 13.9 472 520 521</td>	26.0 26.4 27.2 28.5 1.00 0.70 0.57 0.42 21 19 16 13 2.80 2.80 2.79 2.81 10.6 10.6 10.7 415 407 408 410 415 144 145 149 154 26.4 26.8 27.7 28.9 1.00 0.78 0.64 0.50 20 18 15 12 2.81 2.81 2.83 12 410 411 413 418 10.7 10.7 10.7 10.7 410 418 151 156 26.9 27.3 28.2 29.5 1.00 0.82 0.68 0.54 1.0 0.82 2.82 2.84 1.0 1.0 1.0 1.0 2.83 2.82 2.84 10.7 10.7 10.8	26.4 27.2 28.5 0.70 0.57 0.42 19 16 13 2.80 2.79 2.81 10.6 10.6 10.7 408 410 415 145 149 154 26.8 27.7 28.9 0.78 0.64 0.50 18 15 12 2.81 2.81 2.83 10.7 10.7 10.7 411 413 418 151 156 27.3 28.2 29.5 0.82 0.68 0.54 17 14 11 2.82 2.82 2.84 10.7 10.7 10.8	27.2 28.5 0.57 0.42 16 13 2.79 2.81 10.6 10.7 410 415 149 154 27.7 28.9 0.64 0.50 15 12 2.81 2.83 10.7 10.7 413 418 151 2.82 2.9.5 0.68 0.54 11 2.82 2.84 110.7 10.8 415 42.0 10.7 10.8 415 42.0 10.7 10.8 415 42.0 10.7 10.8 415 42.0 10.7 10.8 415 42.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 1		25.7 0.59 16 3.13 12.1 462 154 26.1 0.67 15 3.14 12.1 465 10.1 465 10 10 10 10 10 10 10 10 10 10 10 10 10		27.0 0.44 13 3.15 12.1 467 159 27.4 0.52 12.2 470 11.2 470 12.2 470 12.2 470 12.3 470 12.3 470 12.3	27.0 23.0 0.44 1.00 1.3 2.2 3.15 3.53 12.1 13.8 467 5.15 159 156 27.4 23.4 0.52 1.00 1.2 13.9 470 5.17 16.2 13.9 16.2 15.3 16.2 17.9 24.0 0.56 1.00 1.1 20 3.17 3.55 12.3 13.9 472 5.20	27.0 23.0 23.4 0.44 1.00 1.00 1.00 13 22 20 3.15 3.53 3.52 12.1 13.8 13.8 467 515 516 159 156 158 27.4 23.4 23.8 0.52 1.00 1.00 12 2.1 19 3.16 3.54 3.54 470 517 519 162 158 160 27.9 24.0 24.4 0.56 1.00 1.00 11 20 18 3.17 3.55 3.55 12.3 13.9 472 520 521

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

	ì								1	-)	:	 5)		5	9	0.07	00:01 1:00 1:00	CO:0 CO:0 OO:1 OO:0 TO:0	0.01 0.00 T.00 0.01 0.00 T.00	0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00
	\triangleleft								15	23	21		18		15	15 22	15 22 21	15 22 21 18	15 22 21 18 15	15 22 21 18 15 22	15 22 21 18 15 22 20	15 22 21 18 15 22 20 18 14	15 22 21 18 15 22 20 18 14 23	15 22 21 18 15 22 20 18 14 23 21
1160	<u>×</u>								2.26	2.53	2.52	2.5	7		2.54	2.54 2.83	2.54 2.83 2.82	2.54 2.83 2.82 2.82	2.54 2.83 2.82 2.82 2.84	2.54 2.83 2.82 2.82 2.84 3.16	2.54 2.83 2.82 2.82 2.84 3.16 3.16	2.54 2.83 2.82 2.82 2.84 3.16 3.16 3.16 3.17	2.54 2.83 2.82 2.82 2.84 3.16 3.16 3.16 3.17 3.56	2.54 2.83 2.82 2.82 2.84 3.16 3.16 3.16 3.17 3.56 3.55
	 					_			8.3	9.4	9.4	9.4		9.5		10.8	10.8 10.7	10.8 10.7 10.7	10.8 10.7 10.7 10.8	10.8 10.7 10.7 10.8 12.2	10.8 10.7 10.7 10.8 12.2 12.2	10.8 10.7 10.7 10.8 12.2 12.2 12.2 12.3	10.8 10.7 10.7 10.8 12.2 12.2 12.2 12.3 13.9	10.8 10.7 10.7 10.8 12.2 12.2 12.2 12.3 13.9 13.9
	Ξ	Hi PR 2	277 278		280 2	285 320	20 321	323	328	365	366	368		372	372 413		413	413 414	413 414 416	413 414 416 421	413 414 416 421 465	413 414 416 421 465 466 468 473	413 414 416 421 465 466 468 473 520	413 414 416 421 465 466 468 473 520
의	- 1	—				\dashv			147	143	145	148		153	\dashv	149	149 151	149 151 154	149 151 154 159	149 151 154 159 154	149 151 154 159 154 156	149 151 154 159 154 156 159 164	149 151 154 159 154 156 159 164 161	149 151 154 159 154 156 159 164 161 163
·		-																						
Σ						_			31.1	27.9	28.3	29.1	30	4.		56.6	26.6 27.0	26.6 27.0 27.8	26.6 27.0 27.8 29.1	26.6 27.0 27.8 29.1 25.0	26.6 27.0 27.8 29.1 25.0 25.4	26.6 27.0 27.8 29.1 25.0 25.4 26.3 27.6	26.6 27.0 27.8 29.1 25.0 25.4 26.3 27.6 23.6	26.6 27.0 27.8 29.1 25.0 25.4 26.3 27.6 23.6
	~								0.61	1.00	1.00	0.78	0.6	53		1.00	1.00 1.00	1.00 1.00 0.80	1.00 1.00 0.80 0.65	1.00 1.00 0.80 0.65 1.00	1.00 1.00 0.80 0.65 1.00 1.00	1.00 1.00 0.80 0.65 1.00 1.00 0.82 0.67	1.00 1.00 0.80 0.65 1.00 1.00 0.82 0.67 1.00	1.00 1.00 0.80 0.65 1.00 1.00 0.82 0.67 1.00
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098	\leq					_			2.24	2.50	2.50	2.50	2.52			2.80	2.80 2.80	2.80 2.80 2.80	2.80 2.80 2.82 2.82	2.80 2.80 2.80 2.82 3.14	2.80 2.80 2.80 2.82 3.14 3.14	2.80 2.80 2.80 2.82 3.14 3.14 3.13 3.15	2.80 2.80 2.80 2.82 3.14 3.14 3.13 3.15 3.53	2.80 2.80 2.80 2.82 3.14 3.14 3.13 3.15 3.53
_	Am.								8.2	9.3	9.3	9.3	9.4		10.7		10.6	10.6 10.6	10.6 10.6 10.7	10.6 10.6 10.7 12.1	10.6 10.6 10.7 12.1 12.1	10.6 10.6 10.7 12.1 12.1 12.1 12.2	10.6 10.6 10.7 12.1 12.1 12.1 12.2 13.8	10.6 10.6 10.7 12.1 12.1 12.1 12.2
_	=					_			323	360	362	364	368		409		410	410 412	410 412 417	410 412 417 461	410 412 417 461 462	410 412 417 461 462 464 469	410 412 417 461 462 464 469 516	410 412 417 461 462 464 469 516
의						-			144	141	142	145	151	-	146		148	148 151	148 151 156	148 151 156 152	148 151 156 152 153	148 151 156 152 153 156 162	148 151 156 152 153 156 162 159	148 151 156 152 153 156 162 159 160
	(1)					_			31.6	28.3	28.7	29.5	30.8		27.0		27.4	27.4 28.3	27.4 28.3 29.6	27.4 28.3 29.6 25.5	27.4 28.3 29.6 25.5 25.9	27.4 28.3 29.6 25.5 25.9 26.7 28.0	27.4 28.3 29.6 25.5 25.9 26.7 28.0 24.1	27.4 28.3 29.6 25.5 25.9 26.7 28.0 24.1 24.5
_	Ś					_			0.68	1.00	1.00	0.85	0.71		1.00		1.00	1.00 0.87	1.00 0.87 0.73	1.00 0.87 0.73 1.00	1.00 0.87 0.73 1.00 1.00	1.00 0.87 0.73 1.00 1.00 1.00 0.75	1.00 0.87 0.73 1.00 1.00 1.00 0.75 1.00	1.00 0.87 0.73 1.00 1.00 1.00 0.75 1.00 1.00
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1010	$\stackrel{\checkmark}{\sim}$								2.25	2.52	2.52	2.51	2.53		2.82		2.82	2.82 2.81	2.82 2.81 2.83	2.82 2.81 2.83 3.15	2.82 2.81 2.83 3.15 3.15	2.82 2.81 2.83 3.15 3.15 3.15 3.17	2.82 2.81 2.83 3.15 3.15 3.15 3.17 3.55	2.82 2.81 2.83 3.15 3.15 3.15 3.17 3.55 3.55
A	\subseteq								8.3	9.4	9.4	9.4	9.5		10.7		10.7	10.7 10.7	10.7 10.7 10.8	10.7 10.7 10.8 12.2	10.7 10.7 10.8 12.2 12.2	10.7 10.7 10.8 12.2 12.2 12.1 12.2	10.7 10.7 10.8 12.2 12.2 12.1 12.2 13.9	10.7 10.7 10.8 12.2 12.2 12.1 12.2 13.9 13.9
Ī									326	363	364	366	371		411		413	413 415	413 415 419	413 415 419 464	413 415 419 464 465	413 415 419 464 465 467 471	413 415 419 464 465 467 471 519	413 415 419 464 465 467 471 519 520
Lo P	Δ.					\dashv			146	143	144	148	153		148		150	150 153	150 153 158	150 153 158 154	150 153 158 154 155	150 153 158 154 155 159 164	150 153 158 154 155 159 164 161	150 153 158 154 155 159 164 161 162
MBh	3					_			32.1	28.8	29.2	30.1	31.4		27.6		28.0	28.0 28.8	28.0 28.8 30.1	28.0 28.8 30.1 26.0	28.0 28.8 30.1 26.0 26.4 27.3	28.0 28.8 30.1 26.0 26.4 27.3 28.6	28.0 28.8 30.1 26.0 26.4 27.3 28.6 24.6	28.0 28.8 30.1 26.0 26.4 27.3 28.6 24.6 25.0
S	_					_			0.72	1.00	1.00	0.89	0.75		1.00		1.00	1.00 0.91	1.00 0.91 0.77	1.00 0.91 0.77 1.00	1.00 0.91 0.77 1.00 1.00 1.00	1.00 0.91 0.77 1.00 1.00 1.00 0.79	1.00 0.91 0.77 1.00 1.00 1.00 0.79 1.00	1.00 0.91 0.77 1.00 1.00 1.00 0.79 1.00 1.00
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1160	~					_			2.27	2.53	2.53	2.53	2.54		2.83		2.83	2.83 2.83	2.83 2.83 2.84	2.83 2.83 2.84 3.17	2.83 2.83 2.84 3.17 3.16 3.16	2.83 2.83 2.84 3.17 3.16 3.16 3.18	2.83 2.83 2.84 3.17 3.16 3.16 3.18 3.56	2.83 2.83 2.84 3.17 3.16 3.16 3.18 3.56 3.56
<u>₹</u>	Ε.		7.2 7.2		7.2 7	7.2 8.3	3 8.3	8.2	8.3	9.5	9.5	9.4	9.5		10.8		10.8	10.8 10.8	10.8 10.8 10.7	10.8 10.8 10.7 10.8	10.8 10.8 10.7 10.8 12.2 12.2 12.2	10.8 10.8 10.7 10.8 12.2 12.2 12.2 12.3	10.8 10.8 10.7 10.8 12.2 12.2 12.2 12.3 13.9	10.8 10.8 10.7 10.8 12.2 12.2 12.2 12.3
_	=								329	366	367	369	374	_		414	414 415	414 415 417	414 415 417 422	414 415 417 422 466	414 415 417 422 466 467 469	414 415 417 422 466 467 469 474	414 415 417 422 466 467 469 474 522	414 415 417 422 466 467 469 474 522 523
Ì	2					_			149	145	147	150	155	- 1	151		152	152 156	152 156 161	152 156 161 156	152 156 161 156 158 161	152 156 161 156 158 161 166	152 156 161 156 158 161 166 163	152 156 161 156 158 161 166 163 165
- Park		Dry Bill	DB = Entering Indoor Dry Bulb Temperature	ture									Shaded										ares is AHBI contitions	d ares is AHRI contitions

10.8 9.4 2.00 7.1 7.1 280 Hi PR

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

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

Amps = outdoor unit amps (comp.+fan)

18 3.54 13.9 523 167

24 3.52 13.8 516 158

13.8

12.1 463 155 26.2 0.79 18 3.14 12.1 465 157

12.1

12.1 460 150

10.7

10.6

9.4

20 2.49 9.3 362

23 2.50 9.3 360 140

17 2.23 8.2 322 142

317 137

316 134 29.0 0.86

314 132

7.1 279 135

20 1.97 7.0 275 129

Amps

860

26 1.87 6.6 270 125 29.2

266 124

Hi PR Lo PR

1.00 25 2.50 9.3 359 139

20 2.22 8.1

23 2.22 8.1

28.1 1.00 24 2.22 8.1

29.6 0.64

17

1.00 28 1.71 6.1

MBh S/T AT kW

407 144

367

149 30.4

143 29.1

2.79

515 157

467

461 151

160

21 3.52 13.8 518 161 24.8 0.84 19 3.54

1.00 25 3.53

1.00 24 3.13

17 2.81

23 2.80 10.6 409 146

17

26.1 1.00 24 2.80

0.67

0.81

0.57

3.15 12.1

29

71

62

63

29

71

63

BULB TEMPERATURE

ENTERING INDOOR WET

63

29

71

29

63

29

63

AIRFLOW

<u>B</u>

85ºF

75ºF

65º F

95ºF

OUTDOOR AMBIENT TEMPERATURE

115ºF

105ºF

0.70 16 3.56

26.1

24.0

23.6 24 3.54

0.65

25.4 1.00

25.0

29.1 0.63

27.8

26.6 1.00 23 2.81

1.00

0.61

0.89

1.00

0.58 16 2.25

0.73 29.8

28.2

27.8

28.6

30.1

1.00

31.4

0.72 1.98

0.86 22 1.99

1.00

S/T AT KW

154

149

1.00

13.9 526 169 26.7

13.8 521 164

519

518

160

159 24.1

13.9

13.9

3.16 12.2 470 162

3.15 463 154 25.9 1.00

2.83

2.81 10.7 413

2.81 10.7 148

2.53

16

19

22 2.51 9.4 142

19 2.23

2.24 8.2

2.24

1.88

1010

80

6.7 126 271

Amps

8.2 317 134 29.1

7.1 131

7.1 275 128

Hi PR Lo PR

22

23

16 2.00

23

16

19

22

12.1

12.2 462 152 25.5 1.00

10.8

418

411

10.7

9.4

9.4

23 2.51 9.4 362 141

8.2 325 144

8.2 320 139

318 136 29.5 0.90

7.2 282 137 31.9

370

157

151

147 27.1

151

15

22 3.54

0.74

25.4 0.88 19 3.55

24.5

28.1

26.8

1.00

1.00

69.0

0.83

0.66

1.00

1.00

0.64

0.93

1.00

0.62

0.76

1.00

0.61 15

30.6

29.8 0.89

29.4 1.00

30.9

29.6

28.8

28.4

31.6

30.3

28.3 0.81

												0	UTDOOI	R AMBIE	OUTDOOR AMBIENT TEMPERATURE	PERATUR	3E									
				65º F	ь			75	75ºF			85	85ºF			36	95ºF			105ºF	Jō			115ºF	∃ō	
												ENTER	ING IND	OOR W	ENTERING INDOOR WET BULB TEMPERATURE	TEMPER	ATURE									
IDB	AIRFLOW	3	29	— 83		71	29	63	67	71	29	63	67	71	29	63	67	71	29	63	29	11	29	63	29	71
	2		30.2	32.2	35.6	-	33.8	34.3	35.3	-	32.9	33.4	34.4		31.4	31.8	32.9	1	29.5	30.0	31.0	-	27.5	27.9	28.9	-
		S/T	0.63	0.54	0.39	_	0.61	0.53	0.39	-	0.64	0.56	0.42	1	1.00	0.58	0.44	,	1.00	09.0	0.46	_	1.00	0.68	0.53	,
	7		20	18	13	,	17	15	13	1	17	16	13	1	17	15	13	1	17	15	12		21	19	16	
10	1070		2.21	2.38	2.71	-	3.06	3.06	3.05	1	3.44	3.44	3.43	1	3.85	3.85	3.84	-	4.31	4.31	4.30	-	4.79	4.79	4.79	
-	Ā	Amps	7.7	8.4	9.4	,	10.9	10.9	10.9	1	12.6	12.6	12.6	1	14.4	14.4	14.4	,	16.4	16.4	16.3	,	18.5	18.5	18.5	,
	Ξ		275	278	281	,	322	323	325		368	369	371	,	418	419	421	,	471	472	474	,	532	533	535	,
	Pc	_	124	124	128	-	131	133	136	-	138	139	142	1	143	145	148	-	149	150	153	-	153	155	158	-
	2	MBh	32.2	35.1	36.1	,	34.3	34.8	35.8		33.4	33.9	34.9	1	31.9	32.4	33.4	1	30.0	30.5	31.5	,	28.0	28.5	29.5	1
	S		0.70	0.61	0.47	,	0.69	0.61	0.47		0.72	0.64	0.50	,	1.00	99.0	0.52	,	1.00	0.68	0.54	,	1.00	0.75	0.61	,
	7		18	14	11	_	16	14	11	-	16	14	12	ı	16	14	11	1	16	14	11		19	18	14	-
70 12	1260 K		2.40	2.74	2.73	,	3.08	3.08	3.07	1	3.46	3.46	3.45	1	3.87	3.87	3.86	1	4.33	4.33	4.32	,	4.81	4.81	4.81	1
	Ą	Amps	8.5	9.6	9.5	-	11.0	11.0	11.0		12.7	12.7	12.7	ı	14.5	14.5	14.4	-	16.5	16.5	16.4		18.6	18.6	18.5	1
	Ī		280	282	284	-	325	326	328	1	371	372	374	ı	421	422	424	1	474	475	477	-	535	536	538	1
	Lo	_	125	127	130	-	133	135	138	-	140	141	145	1	145	147	150	-	151	152	156	-	155	157	160	-
	_	_	35.3	35.8	36.8		35.0	35.5	36.5		34.1	34.6	35.6	1	32.6	33.0	34.1	-	30.7	31.2	32.2		28.6	29.1	30.1	
	S		0.72	0.65	0.51	-	0.73	0.65	0.51	,	92.0	0.68	0.54	1	1.00	0.70	0.56	,	1.00	0.72	0.58	,	1.00	0.79	0.65	,
	7	ΔT	15	13	10	,	15	13	10	-	15	14	11	1	15	13	10	1	15	13	10	,	18	17	13	
14	1450 K		2.76	2.76	2.75	-	3.10	3.10	3.09	1	3.48	3.47	3.47	ı	3.89	3.89	3.88	1	4.35	4.34	4.34	-	4.83	4.83	4.82	-
	Ā	Amps	9.6	9.6	9.6	,	11.1	11.1	11.1	1	12.8	12.8	12.7	1	14.6	14.5	14.5	,	16.6	16.5	16.5	1	18.7	18.6	18.6	1
	Ξ		284	285	287	-	328	329	331	-	374	375	377	1	423	425	427	,	477	478	480	-	537	539	541	,
	Lo	Lo PR	128	130	133	-	136	137	140	-	142	144	147	1	148	149	153	-	153	155	158	-	158	159	162	-

	MBh	30.2 s	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
_	L/S	T 0.77	7 0.68	0.52	0.37	0.74	0.67	0.53	0.38	1.00	69.0	0.55	0.41	1.00	0.71	0.57	0.43	1.00	0.74	09.0	0.45	1.00	1.00	79'(
	Δ.	T 23	22	16	13	20	19	16	13	21	19	16	13	20	19	16	13	20	19	16	13	25	23	20
1070	№	N 2.20	0 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
_	Amps	7.7 sq	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
	Hi PR	PR 275	5 278	281	286	322	324	325	330	368	370	372	376	418	419	421	426	471	473	475	479	532	533	535
	Lo PR	PR 124	4 124	128	134	131	133	136	141	138	139	142	148	143	145	148	153	149	150	153	159	153	155	158
	MBh	32.3	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
	T/S	/T 0.84	4 0.74	0.60	0.45	1.00	0.74	0.61	0.46	1.00	0.77	0.63	0.48	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.53	1.00	1.00	0.75
_		T 22	18	15	12	19	18	15	12	19	18	15	12	19	18	15	12	19	17	15	12	23	22	18
75 1260	% ≥ 09	N 2.40	0 2.74	2.73	2.76	3.08	3.08	3.07	3.10	3.46	3.46	3.45	3.48	3.87	3.87	3.86	3.89	4.33	4.33	4.32	4.35	4.81	4.81	4.80
	Amps	lps 8.5	5 9.5	9.5	9.6	11.0	11.0	11.0	11.1	12.7	12.7	12.6	12.8	14.5	14.5	14.4	14.5	16.5	16.5	16.4	16.5	18.6	18.6	18.5
	Hi PR	PR 280	282	284	289	325	326	328	333	371	372	374	379	421	422	424	429	474	475	477	482	535	536	538
	Lo PR	PR 125	5 127	130	136	133	135	138	143	140	141	145	150	145	147	150	155	151	152	156	161	155	157	160
	MBh	3h 35.3	3 35.8	36.8	38.4	35.0	35.5	36.5	38.1	34.1	34.6	35.6	37.2	32.6	33.1	34.1	35.6	30.7	31.2	32.2	33.8	28.6	29.1	30.1
_	S/T	7 0.86	6 0.78	0.64	0.49	1.00	0.78	0.64	0.50	1.00	0.81	0.67	0.52	1.00	0.83	69.0	0.54	1.00	1.00	0.71	0.57	1.00	1.00	0.79
		T 18	17	14	11	18	17	14	11	19	17	14	11	18	17	14	11	18	17	14	11	22	21	17
1450	.× × × × × × × × × × × × × × × × × × ×	N 2.76	6 2.75	2.75	2.77	3.10	3.09	3.09	3.11	3.48	3.47	3.47	3.49	3.89	3.88	3.88	3.90	4.35	4.34	4.34	4.36	4.83	4.83	4.82
_	Amps	9.6 sdı	9.6	9.6	9.7	11.1	11.1	11.1	11.2	12.8	12.8	12.7	12.8	14.5	14.5	14.5	14.6	16.5	16.5	16.5	16.6	18.6	18.6	18.6
	Hi PR	PR 284	4 285	287	292	328	329	331	336	374	375	377	382	424	425	427	432	477	478	480	485	538	539	541
_	Lo PR	PR 128	8 130	133	138	136	137	140	146	142	144	147	152	148	149	153	158	153	155	158	163	158	159	162
Entering	g Indoor	Dry Bulb	IDB = Entering Indoor Dry Bulb Temperature	re									Sha	Shaded area is ACCA (TVA) conditions.	is ACCA	(TVA) con	ditions.					~	kW = Total system powe	system
=																								

Main and M																										
1. 1. 1. 1. 1. 1. 1. 1.													ENTER	NG IND	JOR WEI	r BULB TE	IMPERAL	URE								
355 311 336 346 362 316 346 361 340 341 336 346 346 346 346 340 <th>IDB</th> <th>AIRF</th> <th>LOW</th> <th>59</th> <th>63</th> <th>29</th> <th>71</th> <th>- 65</th> <th>63</th> <th></th> <th>11</th> <th>29</th> <th>63</th> <th> 29</th> <th>71</th> <th> 65</th> <th>— 63</th> <th></th> <th>71</th> <th>- 29</th> <th></th> <th>_</th> <th>_</th> <th>_</th> <th>_</th> <th>17</th>	IDB	AIRF	LOW	59	63	29	71	- 65	63		11	29	63	29	71	65	— 63		71	- 29		_	_	_	_	17
100 0.05 0.54 1.00 0.082 0.68 0.54 1.00 1.00 0.70 0.56 0.54 1.00 0.82 0.68 0.54 1.00 1.00 0.72 0.58 0.54 1.00 0.82 0.68 0.54 1.00			MBh	30.4	32.4	35.8	37.4	34.0	34.5	35.5	37.1	33.1	33.6	34.6	36.2				_				_			
19 16 24 22 20 17 346 385 384 387 431 431 431 430 433 479 470		_	S/T	1.00	0.81	0.65	0.50	1.00	08.0	99.0	0.51	1.00	0.82	0.68	0.54				_				_			_
300 304 344 344 345 345 345 345 345 345 414 145			ΔT	27	26	19	16	24	22	19	16	24	22	20	17	24	22	19	16	24						
195 110 126 126 126 127 144 144 144 145 145 146 145		1070	×	2.21	2.38	2.71	2.74	3.06	3.06	3.05	3.08	3.44	3.44	3.43	3.46				_	·			_			
356 331 369 370 373 348 349 449 449 447 449		_	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											
136 142 138 140 143 148 144 145 145 154 154 154 154 154 154 155 156		_	Hi PR	275	279	282	287	323	324	326	331	369	370	372	377											
360 376 376 371 376 371 376 371 376 377 376 377 371 378 378 376 377 371 378 378 378 376 376 376 376 376 376 378 <th></th> <th></th> <th>Lo PR</th> <th>124</th> <th>125</th> <th>129</th> <th>134</th> <th>132</th> <th>133</th> <th>136</th> <th>142</th> <th>138</th> <th>140</th> <th>143</th> <th>148</th> <th></th> <th>145</th> <th></th> <th>_</th> <th></th> <th></th> <th></th> <th>_</th> <th></th> <th></th> <th></th>			Lo PR	124	125	129	134	132	133	136	142	138	140	143	148		145		_				_			
0.73 0.59 1.06 0.76 0.61 1.00 0.07 0.73 0.59 0.76 0.76 0.76 1.00 1.00 0.03 0.03 0.04 0.05 0.76 0.04 1.00 1.00 0.03 1.00 1.00 0.04 0.05 0.06 1.01 1.10 1.11 1.27 <th< th=""><th></th><th></th><th>MBh</th><th>32.4</th><th>35.3</th><th>36.3</th><th>37.9</th><th>34.5</th><th>35.0</th><th>36.0</th><th>37.6</th><th>33.6</th><th>34.1</th><th>35.1</th><th>36.7</th><th></th><th></th><th></th><th>_</th><th></th><th></th><th></th><th>_</th><th></th><th></th><th></th></th<>			MBh	32.4	35.3	36.3	37.9	34.5	35.0	36.0	37.6	33.6	34.1	35.1	36.7				_				_			
18		_	S/T	1.00	0.87	0.73	0.58	1.00	0.87	0.73	0.59	1.00	06.0	0.76	0.61				_				_			
1307 310 346 346 348 387 387 389 4.38 4.33 4.31 4.32 4.32 4.32 4.32 4.32 4.32 4.32 4.32 4.32 4.32 32.2 32.4 4.35 4.32 4.32 4.32 32.2 32.4 32.2 4.34 4.32 4.34 </th <th></th> <th></th> <th>ΔT</th> <th>26</th> <th>21</th> <th>18</th> <th>15</th> <th>23</th> <th>21</th> <th>18</th> <th>15</th> <th>23</th> <th>21</th> <th>18</th> <th>15</th> <th></th>			ΔT	26	21	18	15	23	21	18	15	23	21	18	15											
110 11.1 12.7 12.7 12.7 12.8 14.5 14.5 14.6 16.5 16.5 16.5 16.6 18.6 18.6 13.9 13.9 13.4 14.0 14.0 14.2 14.2 14.2 14.2 14.2 14.2 14.2 14.2	8	1260	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	2.40	2.74	2.73	2.76	3.08	3.08	3.07	3.10	3.46	3.46	3.45	3.48				_							
329 334 372 373 375 380 421 428 425 429 429 426 426 428 483 535 369 314 4 140 142 145 145 140 142 145 140 142 145 140 142 145 140 140 142 145 140 142 145 140 140 142 145 140 140 142 143 144 148 149 140 142 144 148 149 140 142 144 148 149 140 140 140 140 140 140 140 140 140 140	}		Amps	, «	9 6	9.5	96	11.0	11.0	11.0	111	12.7	12.7	12.7	12.8											
139 144 100 142 145 150 146 148 151 156 152 153 156 161 156 150 170			H: PR	280	283	285	290	326	327	329	334	377	373	375	380											
36.7 38.3 34.4 34.8 35.8 37.4 32.8 33.2 34.3 35.8 37.4 32.8 33.6 30.9 31.4 32.4 33.8 38.8 38.8 39.8 39.8 30.9 31.4 32.8 37.1 14 22. 20.0 17.0 0.094 0.80 0.65 1.00 1.00 0.84 0.70 1.00 0.84 0.70 1.00 0.84 0.70 1.00 0.84 0.70 1.00 0.84 0.70 1.00 0.84 0.70 1.00 0.84 0.70 1.00 0.84 0.70 1.00 0.84 0.70 1.00 0.84 0.70 1.00 0.84 0.89 3.88 3.91 4.35 4.48 4.83 4.84 4.85 4.85 4.85 4.85 4.85 4.83 4.84 4.83 4.83 4.84 4.83 4.83 4.84 4.83 4.83 4.83 4.83 4.83 4.83 4.83 4			Lo PR	125	128	131	136	134	135	139	144	140	142	145	150											
0.77 0.63 1.00 0.94 0.80 0.65 1.00 1.00 0.82 0.67 1.00 1.00 0.84 0.70 1.00 1.00 1.10 1.10 1.22 2.0 1.7 1.4 2.2 2.0 1.7 1.4 2.2 2.0 1.7 1.4 2.2 2.0 1.7 1.4 2.2 2.0 1.7 1.4 2.2 2.0 1.7 1.4 2.2 2.0 1.7 1.4 2.2 2.0 1.7 1.4 2.2 2.0 1.7 1.4 2.2 2.0 1.7 1.4 2.2 2.0 1.7 1.4 2.2 2.0 1.7 1.4 2.2 2.0 1.7 1.4 2.2 2.0 1.2 1.4 2.2 2.0 1.4 2.2 2.2 2.0 1.4 2.2 2.0 1.4 2.2 2.0 1.4 2.2 2.0 1.4 2.2 2.0 1.4 2.2 2.2 2.0 1.4 2.2 2.0 1.4 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2			MBh	35.5	36.0	37.0	38.6	35.2	35.7	36.7	38.3	34.3	34.8	35.8	37.4				\vdash			ŀ	` `			ŀ
17 14 22 20 17 14 22 20 17 14 22 20 17 14 22 20 17 14 22 20 17 14 12 20 17 14 22 20 17 14 22 20 17 14 22 20 17 14 22 20 17 14 22 20 17 14 22 20 17 14 486 384 389 389 389 389 18 14 <		_	S/T	1.00	0.91	0.77	0.62	1.00	0.91	0.77	0.63	1.00	0.94	0.80	0.65				_				_			
3.00 3.12 3.48 3.47 3.47 3.49 3.89 4.89 <th< th=""><th></th><th>_</th><th>ΔT</th><th>22</th><th>20</th><th>17</th><th>14</th><th>22</th><th>20</th><th>17</th><th>14</th><th>22</th><th>20</th><th>17</th><th>14</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>_</th><th></th><th></th><th></th></th<>		_	ΔT	22	20	17	14	22	20	17	14	22	20	17	14								_			
11.1 11.2 12.8 12.8 12.7 12.8 14.6 14.5 14.6 14.5 14.6 14.5 14.6 14.5 14.6 14.5 14.6 14.5 14.6 14.5 14.6 14.5 14.6 14.5 14.6 14.5 14.6 14.5 14.6 14.5 14.6 14.5 14.6 14.5 14.6 14.5 14.6 14.5 14.6 14.5 14.6 14		1450	×	2.76	2.75	2.75	2.77	3.10	3.09	3.09	3.12	3.48	3.47	3.47	3.49				_	·	·					
332 336 375 376 378 383 424 425 427 432 478 479 481 486 538 141 146 143 144 148 153 148 150 150 150 150 150 160 150 160 170 100 100 0.81 0.66 100 0.83 0.68 100 100 180 0.69 100 100 0.70 0.81 0.66 100 0.81 0.66 100 0.81 0.66 100 0.81 0.66 100 0.81 0.66 100 0.81 0.66 100 0.81 0.66 100 0.81 0.66 100 0.81 0.66 100 0.81 0.66 100 0.81 0.82 0.82 0.82 0.82 0.82 0.82 0.82 0.82 0.82 0.82 0.82 0.82 0.82 0.82 0.82 0.82 0.82 0.82 <th></th> <th>_</th> <th>Amps</th> <th>9.6</th> <th>9.6</th> <th>9.6</th> <th>9.7</th> <th>11.1</th> <th>11.1</th> <th>11.1</th> <th>11.2</th> <th>12.8</th> <th>12.8</th> <th>12.7</th> <th>12.8</th> <th></th>		_	Amps	9.6	9.6	9.6	9.7	11.1	11.1	11.1	11.2	12.8	12.8	12.7	12.8											
141 146 143 148 150 153 156 156 159 159 159 158 158 158 158 159 159 158 <th></th> <th></th> <th>Hi PR</th> <th>284</th> <th>286</th> <th>288</th> <th>293</th> <th>328</th> <th>330</th> <th>332</th> <th>336</th> <th>375</th> <th>376</th> <th>378</th> <th>383</th> <th></th> <th></th> <th>427</th> <th>_</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>			Hi PR	284	286	288	293	328	330	332	336	375	376	378	383			427	_							
36.1 37.6 33.7 34.2 35.2 36.7 32.1 32.6 33.6 35.2 30.3 30.7 31.8 33.3 28.2 22 19 27 26 23 20 20 20 20 20 20 20 20 20 20 20 20 20		_	Lo PR	129	130	133	139	136	138	141	146	143	144	148	153											
36.1 3.7. 3.7. 3.2. <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>1</th><th></th><th></th><th></th><th>-</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>															1				-							
0.76 0.61 1.00 0.79 0.64 1.00 0.81 0.66 1.00 1.00 0.83 0.68 1.00 0.79 0.64 1.00 0.81 0.66 1.00 1.00 0.81 0.69 1.00 0.81 0.69 1.00 0.79 0.64 1.00 0.81 0.84 3.44 4.44 1.44 1.44 1.45 1.45 1.47 1.44 1.44 1.45 1.45 1.47 1.47 1.47 1.44 1.44 1.45 1.47 1.44 1.44 1.45 1.47 1.44 1.44 1.45 1.47 1.44 1.44 1.44 1.45 1.47 1.47 1.47 1.47 1.47 <th< th=""><th></th><th></th><th>MBh</th><th>30.9</th><th>32.9</th><th>36.4</th><th>37.9</th><th>34.6</th><th>35.1</th><th>36.1</th><th>37.6</th><th>33.7</th><th>34.2</th><th>35.2</th><th>36.7</th><th></th><th></th><th></th><th><u> </u></th><th></th><th></th><th></th><th>_</th><th></th><th></th><th></th></th<>			MBh	30.9	32.9	36.4	37.9	34.6	35.1	36.1	37.6	33.7	34.2	35.2	36.7				<u> </u>				_			
22 19 27 26 23 20 27 25 19 27 25 29 3.85 3.87 4.31 4.32 4		_	S/T	1.00	0.91	0.75	0.61	1.00	06.0	0.76	0.61	1.00	1.00	0.79	0.64				_				_			
3.06 3.08 3.44 3.44 3.46 3.86 3.85 3.85 4.31 4.31 4.31 4.31 4.31 4.31 4.31 4.31 4.39 4.80 1.00 11.1 12.6 12.6 12.6 12.7 14.4 14.4 14.5 16.4 16.5 16.6 18.6 18.6 18.7 <td< th=""><th></th><th>_</th><th>ΔT</th><th>31</th><th>30</th><th>22</th><th>19</th><th>27</th><th>25</th><th>22</th><th>19</th><th>27</th><th>26</th><th>23</th><th>20</th><th>27</th><th>25</th><th>22</th><th>19</th><th>27</th><th>25</th><th></th><th></th><th></th><th></th><th></th></td<>		_	ΔT	31	30	22	19	27	25	22	19	27	26	23	20	27	25	22	19	27	25					
10.9 11.1 12.6 12.6 12.7 14.4 14.4 14.5 16.4 <td< th=""><th></th><th>1070</th><th>××</th><th>2.21</th><th>2.39</th><th>2.72</th><th>2.74</th><th>3.06</th><th>3.06</th><th>3.06</th><th>3.08</th><th>3.44</th><th>3.44</th><th>3.44</th><th>3.46</th><th></th><th></th><th></th><th>_</th><th>·</th><th></th><th></th><th>_</th><th></th><th></th><th></th></td<>		1070	××	2.21	2.39	2.72	2.74	3.06	3.06	3.06	3.08	3.44	3.44	3.44	3.46				_	·			_			
327 332 370 371 373 378 420 421 428 428 478 478 476 476 481 534 478 478 479 476 481 420 <th></th> <th></th> <th>Amps</th> <th>7.7</th> <th>8.4</th> <th>9.5</th> <th>9.6</th> <th>11.0</th> <th>11.0</th> <th>10.9</th> <th>11.1</th> <th>12.6</th> <th>12.6</th> <th>12.6</th> <th>12.7</th> <th></th>			Amps	7.7	8.4	9.5	9.6	11.0	11.0	10.9	11.1	12.6	12.6	12.6	12.7											
138 143 140 142 145 146 147 150 156 156 151 153 156 156 156 156 156 156 156 156 150 150 146 147 140 150 <th></th> <th></th> <th>Hi PR</th> <th>277</th> <th>280</th> <th>283</th> <th>288</th> <th>324</th> <th>325</th> <th>327</th> <th>332</th> <th>370</th> <th>371</th> <th>373</th> <th>378</th> <th></th>			Hi PR	277	280	283	288	324	325	327	332	370	371	373	378											
36.6 38.2 34.2 34.7 35.7 33.2 34.2 35.7 35.8 35.7 35.8 <th< th=""><th></th><th></th><th>Lo PR</th><th>126</th><th>127</th><th>131</th><th>136</th><th>134</th><th>135</th><th>138</th><th>143</th><th>140</th><th>142</th><th>145</th><th>150</th><th></th><th></th><th></th><th>_</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>			Lo PR	126	127	131	136	134	135	138	143	140	142	145	150				_							
0.84 0.69 1.00 1.00 0.88 0.74 1.00 1.00 0.91 0.76 1.00 1.00 1.00 1.00 0.91 0.76 1.00 1.00 1.00 0.91 0.76 1.00 1.00 1.00 0.91 0.76 1.00 1.00 0.91 0.76 1.00 1.00 0.91 0.76 1.00 1.00 0.91 0.76 1.00 1.00 0.91 0.76 1.00 1.00 1.00 0.91 0.76 1.00 1.00 1.00 0.91 0.76 1.00 1.00 1.00 0.91 0.76 1.00 1.00 1.00 0.91 0.76 1.00 1.00 1.00 0.91 0.76 1.00 <th< th=""><th></th><th>_</th><th>MBh</th><th>33.0</th><th>35.9</th><th>36.9</th><th>38.5</th><th>35.1</th><th>35.6</th><th>36.6</th><th>38.2</th><th>34.2</th><th>34.7</th><th>35.7</th><th>37.3</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>_</th><th></th><th></th><th></th></th<>		_	MBh	33.0	35.9	36.9	38.5	35.1	35.6	36.6	38.2	34.2	34.7	35.7	37.3								_			
21 18 26 24 21 18 26 24 21 18 26 24 21 18 26 24 21 18 26 24 21 18 26 24 21 18 26 24 21 18 21 18 31 34 35 38 38 38 38 38 38 38 38 38 43 43 43 43 43 43 43 43 43 43 43 48 48 48 48 43 43 43 43 43 43 48 48 48 48 48 48 48 48 48 43 43 48<		_	S/T	1.00	0.97	0.83	69.0	1.00	1.00	0.84	0.69	1.00	1.00	98.0	0.72											
3.08 3.10 1.1.1 12.7 12.7 12.8 3.88 3.87 3.87 3.89 4.34 4.33 4.33 4.35 4.85 4.85 11.0 11.1 12.7 12.7 12.8 14.5 14.5 14.5 14.6 16.5 16.5 16.5 16.5 16.6 18.6 18.6 14.0 14.0 14.0 14.0 14.0 14.0 14.0 14.0		_	ΔT	30	24	21	18	56	24	21	18	56	24	21	18											
11.0 11.1 12.7 12.7 12.8 14.5 14.5 14.5 14.6 16.5 16.5 16.5 16.5 16.6 18.6 18.6 11.0 11.1 12.1 12.1 12.1 12.2 12.3 12.8 14.5 14.5 14.5 14.5 14.6 16.5 16.5 16.5 16.6 18.6 18.6 14.0 14.0 14.0 14.0 14.0 14.0 14.0 14.0	82	1260	×	2.41	2.74	2.74	2.76	3.09	3.08	3.08	3.10	3.47	3.46	3.46	3.48		,	,		7	•		_	·	·	
330 335 373 374 376 381 423 424 426 431 476 477 479 484 537 158 140 142 144 147 152 148 149 153 158 153 155 158 163 158 158 158 158 158 158 158 158 158 158		_	Amps	8.5	9.6	9.6	9.7	11.1	11.1	11.0	11.1	12.7	12.7	12.7	12.8											
140 146 142 144 147 152 148 149 153 158 155 155 158 159 150 <th></th> <th>_</th> <th>Hi PR</th> <th>282</th> <th>284</th> <th>286</th> <th>291</th> <th>327</th> <th>328</th> <th>330</th> <th>335</th> <th>373</th> <th>374</th> <th>376</th> <th>381</th> <th></th> <th></th> <th></th> <th></th> <th>·</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>		_	Hi PR	282	284	286	291	327	328	330	335	373	374	376	381					·						
37.3 38.8 34.9 35.4 36.4 37.9 33.3 33.8 34.8 36.4 31.5 31.9 33.0 34.5 29.4 0.88 0.73 1.00 1.00 0.90 0.76 1.00 1.			Lo PR	127	130	133	138	136	137	140	146	142	144	147	152				\dashv				\dashv		ł	1
10.88 0,73 1.00 1.00 0,90 0,76 1.00 1.00 0,92 0,78 1.00 1.00 0.80 1.00 1.00 0.80 1.00 1.0			MBh	36.1	36.6	37.6	39.1	35.8	36.2	37.3	38.8	34.9	35.4	36.4	37.9											
20 17 25 23 21 18 25 23 20 17 25 23 20 17 30 30 3.10 3.12 3.48 3.48 3.50 3.89 3.89 3.89 3.91 4.35 4.35 4.35 4.37 4.84 11.1 11.2 12.8 12.8 12.9 12.9 14.6 14.5 14.7 16.6 16.6 16.5 16.7 18.7 33 338 338 376 377 379 384 425 427 429 433 479 480 482 487 539 143 148 145 146 149 155 150 152 155 160 156 157 161 166 160 160 160 160 160 160 160 160		_	S/T	1.00	1.00	0.87	0.72	1.00	1.00	0.88	0.73	1.00	1.00	0.90	92.0											
13.10 3.12 3.48 3.48 3.48 3.50 3.89 3.89 3.91 4.35 4.35 4.35 4.37 4.84 11.1 11.2 12.8 12.8 12.8 12.9 14.6 14.5 14.7 16.6 16.6 16.5 16.7 18.7 333 338 336 376 377 379 384 425 427 429 433 479 480 482 487 539 143 148 145 146 149 155 150 152 155 160 156 157 161 166 160 Shaded ares is AHRI contitions.			ΔT	25	23	20	17	25	23	20	17	25	23	21	18											
11.1 11.2 12.8 12.8 12.8 12.9 14.6 14.5 14.5 14.7 16.6 16.6 16.5 16.7 18.7 333 338 376 377 379 384 425 427 429 433 479 480 482 487 539 143 148 145 146 149 155 150 152 155 160 156 157 161 166 160 160 160 160 160 160 160 160		1450	≷	2.76	2.76	2.76	2.78	3.10	3.10	3.10	3.12	3.48	3.48	3.48	3.50	,			_	1	•	•	_			
333 338 376 377 379 384 425 427 429 433 479 480 482 487 539		_	Amps	9.7	9.7	9.6	9.7	11.1	11.1	11.1	11.2	12.8	12.8	12.8	12.9		14.6	14.5						_		
143 148 145 146 149 155 150 152 155 160 156 157 161 166 160 Shaded ares is AHRI contitions. Amps = outdoo		_	Hi PR	286	287	289	294	330	331	333	338	376	377	379	384	·	427	429								
Shaded ares is AHRI contitions. Amps = outdoo			Lo PR	131	132	135	141	138	140	143	148	145	146	149	155		152	155	\dashv				\dashv			
	IDB = En	tering In	door Dry	Bulb Ten	perature											ares is AH	'RI contiti	ons.						ΚW	= Total sy	stem pow
	High and	low pre:	ssures are	measur	d at the	liquid an	d suction	service :	valves.														Amps = 0	outdoor u	nit amps (comp.+fa

OUTDOOR AMBIENT TEMPERATURE

MBH 30.7 38.1 40.9 40.3 41.5 4														OUTDOO	R AMBIL	OUTDOOR AMBIENT TEMPERATURE	PERATU	Æ									
Name					99	₽ë		Ц	7	5ºF			8	3ºF		Ц	6	5ºF			105	∃e⊱			115	₽₽	
Mail													ENTE	RING INE	M HOOK	ET BULB	TEMPE	MTURE									
MBH 30, 38, 1 40, 9 34, 4, 0, 3 41, 5 38, 7 30, 4 36, 9 37, 4 38, 6 34, 7 35, 2 36, 4 36, 9 37, 4 38, 6 34, 7 35, 2 36, 4 36, 9 31, 4 31, 4 31, 4	IDB	AIRF	LOW	59	63	29	71	29	63	29	17	- 59	63	29	71	59	-	29	71	29	63	29	11	29	63	29	71
110 N/T 0.60 0.50 0.37 0.89 0.51 0.89 0.51 0.89 0.51 0.89 0.51 0.89 0.51 0.89 0.51 0.89 0.51 0.89 0.51 0.89 0.51 0.89 0.51 0.89 0.51 0.89 0.51 0.89 0			MBh	30.7	38.1	40.9		39.7	40.3	41.5	1	38.7	39.2	40.4	1	36.9	37.4	38.6	1	34.7	35.2	36.4	-	30.6	31.1	32.3	1
130 MT 20 19 15 1 18 14 20 18 14 20 18 14 20 18 18 14 20 18 18 14 20 18 14 20 18 14 20 18 14 20 18<	_		S/T	09.0	0.50	0.37	1	0.59	0.51	0.38	1	0.61	0.54	0.40	1	0.63	0.56	0.42		0.65	0.58	0.44	,	1.00	0.62	0.49	
1320 KW 2.17 2.85 3.05 - 3.61 3.61 - 4.10 4.09 - 4.63 4.64 4.66 4.63 4.64 4.66 4.63 4.63 4.64 4.66 4.63 4.63 4.64 4.66 4.66 4.63 4.64 4.66 4.66 4.63 4.64 4.69 4.64 4.69 4.63 4.64 4.69 4.64 4.66 4.66 4.66 4.66 4.66 4.69 4.61 4.64 4.66 4.63 4.64 4.69 4.64 4.66 4.66 4.69 4.61 4.69 4.61 4.69 4.61 4.69 4.61 4.69 4.61 4.69 4.61 4.69 4.61 4.69 4.61 4.69 4.61			ΔT	20	19	15	1	19	18	14	1	20	18	14	,	19	18	14		19	17	14	,	22	20	16	
Hange R.S. 11.0 11.7 - 14.3 14.2 14.2 14.2 - 16.4 16.4 16.3 - 18.7 18.7 18.7 18.6 - 21.2 21.2 21.2 21.2 21.2 2 2 2 2 2 2 2		1120	≷	2.17	2.85	3.05	ı	3.62	3.61	3.61	ı	4.10	4.10	4.09	ı	4.63	4.63	4.62	1	5.22	5.22	5.21	_	5.26	5.25	5.25	ı
HiPR 525 264 269 - 311 312 314 - 12 318 31 35 35 35 35 9 41.1 404 406 - 455 456 458 - 56 50 50 104 142 142 145 149 144 144 144 143 - 132 143 140 140 140 140 140 140 140 140 140 140			Amps	8.2	11.0	11.7	1	14.3	14.2	14.2	1	16.4	16.4	16.3	1	18.7	18.7	18.6		21.2	21.2	21.2	,	21.4	21.4	21.4	
MBh 33.8 40.3 42.5 40.4 40.9 42.1 5 128 40.1 40.9 42.1 40.9			Hi PR	252	264	269	1	311	312	314	1	355	356	358	,	403	404	406		455	456	458	,	200	501	503	
MBh 33.8 40.3 42.5 6.4 40.9 42.1 6.4 6.9 42.1 6.4 6.9 42.1 6.4 6.9 42.1 6.4 6.9 42.1 6.4 6.9 6.4 6.9 6.4 6.9 6.4 6.9 6.4 6.9 6.4 6			Lo PR	119	116	118	1	124	125	128	1	130	131	134	1	135	136	139	-	140	142	145	-	144	146	149	
1330 KW 156 0.65 0.69 0.61 0.73 0.65 0.73 0.65 0.73 0.69 0.73 0.75 0.			MBh	33.8	40.3	42.5		40.4	40.9			39.3	39.9	41.1		37.5	38.1	39.3		35.3	35.9	37.1	-	31.2	31.7	32.8	
1320 KW 242 3.08 1.3 1 1.8 1.6 1.3 1 1.8 1.6 1.3 1.6 1.3 1 1.8 1.6 1.3 1.6 1.3 1.8 1.6 1.3 1.6 1.3 1.6 1.3 1.6 1.3 1.6 1.3 1.6 1.3 1.6 1.3 1.6			S/T	0.67	0.57	0.45	1	0.66	0.59	0	1	0.69	0.61	0.48	1	0.71	0.63	0.50		0.73	0.65	0.52	,	1.00	0.70	0.56	
4320 KW 2.42 3.08 3.00 3.64 3.64 3.63 4.13 4.13 4.12 4.66 4.65 4	_		ΤΔ	19	18	13	ı	18	16	13	ı	18	16	13	ı	18	16	13	1	18	16	13	_	20	18	15	ı
Amps 9.2 11.9 12.4 1.4 14.4 14.3 1.6 16.5 16.4 - 18.8 18.7 - 21.3 21.3 21.3 21.3 21.3 21.3 21.3 21.3 21.3 21.5 11.7 12.0 12.0 12.4 14.4 14.3 14.1 14.3 14.5 <th>70</th> <th>1320</th> <th>≷</th> <th>2.42</th> <th>3.08</th> <th>3.20</th> <th>•</th> <th>3.64</th> <th>3.64</th> <th>3.63</th> <th>1</th> <th>4.13</th> <th>4.13</th> <th>4.12</th> <th>1</th> <th>4.66</th> <th>4.65</th> <th>4.65</th> <th>1</th> <th>5.25</th> <th>5.24</th> <th>5.24</th> <th>,</th> <th>5.28</th> <th>5.28</th> <th>5.27</th> <th>,</th>	70	1320	≷	2.42	3.08	3.20	•	3.64	3.64	3.63	1	4.13	4.13	4.12	1	4.66	4.65	4.65	1	5.25	5.24	5.24	,	5.28	5.28	5.27	,
Hipk 259 270 274 - 3 44 315 317 - 3 58 359 361 - 4 60 407 409 - 4 57 459 460 - 5 503 504 60 LOPK 119 117 123 - 3 12 130 130 132 133 136 - 1 137 139 141 - 1 141 141 141 141 141 141 141 141			Amps	9.2	11.9	12.4	1	14.4	14.4	14.3	1	16.5	16.5	16.4	1	18.8	18.8	18.7	-	21.3	21.3	21.3	_	21.5	21.5	21.5	,
OPM 38.8 41.1 123 - 126 127 130 - 132 133 136 - 137 139 141 - 144 147 - 146 148 147 - 146 148 147 - 148 147 - 141 41.1 41.2 41.1 41.2 4			Hi PR	259	270	274	1	314	315	317	1	358	359	361	ı	406	407	409	1	457	459	460		503	504	909	1
MBh 38.8 41.1 43.3 - 41.1 41.7 42.9 - 40.1 41.9 - 38.3 38.9 40.1 - 36.1 36.6 37.8 - 31.9 32.4 S/T 0.69 0.61 0.49 - 0.73 0.65 0.52 - 17 15 12 - 17 15 12 - 17 15 12 - 17 15 12 - 17 15 12 - 17 15 12 - 17 15 12 - 17 15 12 - 17 15 12 - 17 15 12 - 17 15 15 17 15 17 15 15 17 15 17 15 17 15 17 15 17 17 17 18 4.68 4.68 4.67 2 12 2.12 2.14 2			Lo PR	119	117	123	1	126	127	130	1	132	133	136	-	137	139	141	-	142	144	147	-	146	148	151	-
S/T 0.69 0.61 0.49 - 0.73 0.65 0.52 - 0.75 0.67 0.64 0.69 0.56 - 100 0.73 0.73 0.65 0.52 - 0.75 0.67 0.64 0.69 0.56 - 100 0.73 0.73 0.65 0.52 - 17 15 12 - 17 15 12 - 17 15 12 - 17 15 12 - 17 15 12 - 17 15 12 - 17 15 12 - 17 15 12 - 17 15 12 - 17 15 12 - 17 15 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14			MBh	38.8	41.1	43.3		41.1	41.7	42.9	1	40.1	40.7	41.9	1	38.3	38.9	40.1	-	36.1	36.6	37.8	-	31.9	32.4	33.5	
AM 2.90 3.10 3.22 - 3.67 3.66 3.66 - 4.15 4.15 4.14 - 4.68 4.67 - 5.27 5.27 5.27 5.26 - 5.30 5.30 4.16 Mi Pl			S/T	69.0	0.61	0.49	1	0.70	0.63	0.49	1	0.73	0.65	0.52	1	0.75	0.67	0.54	,	1.00	69.0	0.56	,	1.00	0.73	09.0	,
kW 2.90 3.10 3.22 - 3.67 3.66 3.66 4.15 4.15 4.14 - 4.68 4.67 - 5.27 5.26 - 5.30			ΔT	18	17	12	1	17	15	12	1	17	15	12	1	17	15	12	-	17	15	12	,	19	17	14	
11.2 12.0 12.5 - 14.5 14.4 - 16.6 16.5 - 18.9 18.9 18.8 - 21.4 21.4 21.4 - 21.6		1520	≷	2.90	3.10	3.22	i	3.67	3.66	3.66	1	4.15	4.15	4.14	1	4.68	4.68	4.67	-	5.27	5.27	5.26	1	5.30	5.30	5.29	1
268 272 277 - 316 317 319 - 361 362 364 - 408 410 412 - 460 461 463 - 505 506 119 119 125 - 128 129 13 - 139 - 139 141 144 - 145 146 149 - 148 150			Amps	11.2	12.0	12.5	1	14.5	14.5	14.4	1	16.6	16.6	16.5	1	18.9	18.9	18.8	,	21.4	21.4	21.4	,	21.6	21.6	21.6	,
119 119 125 - 128 129 132 - 134 136 139 - 139 141 144 - 145 146 149 - 148 150			Hi PR	268	272	277	1	316	317	319	1	361	362	364	1	408	410	412	-	460	461	463	,	202	909	208	1
			Lo PR	119	119	125	1	128	129	132	1	134	136	139	1	139	141	144		145	146	149	,	148	150	153	ı

wod m	kW = Total system powe	kW = To						onditions	Shaded area is ACCA (TVA) conditions	a is ACC	aded are	Sh									é	mperatu	y Bulb Te	IDB = Entering Indoor Dry Bulb Temperature	tering l	= En;
159	153	150	149	154	149	146	145	149	144	141	139	144	139	136	134	137	132	129	128	130	125	119	119	Lo PR		
508	208	909	505	468	463	461	460	416	412	410	409	369	364	362	361	324	319	318	316	282	277	273	269	Hi PR		
20.0	21.6	21.6	21.6	21.5	21.4	21.4	21.4	19.0	18.8	18.9	18.9	16.7	16.5	16.6	16.6	14.6	14.4	14.5	14.5	12.7	12.5	12.0	11.2	Amps		
4.93	5.29	5.29	5.30	5.29	5.26	5.26	5.27	4.70	4.67	4.67	4.68	4.17	4.14	4.15	4.15	3.69	3.65	3.66	3.66	3.25	3.22	3.10	2.90	<u></u>	1520	
14	18	21	23	12	15	19	21	12	16	19	21	13	16	19	21	12	16	19	21	12	16	21	23	ΔT		
09.0	0.73	98.0	1.00	0.54	0.69	0.82	1.00	0.52	99.0	0.80	1.00	0.50	0.64	0.78	1.00	0.48	0.62	0.75	0.83	0.47	0.61	0.74	0.81	S/T		
33.7	33.6	32.4	31.9	39.7	37.9	36.7	36.1	41.9	40.1	38.9	38.3	43.7	41.9	40.7	40.1	44.8	42.9	41.7	41.2	45.1	43.3	41.1	38.9	MBh		
157	151	148	146	152	147	144	142	146	142	139	137	141	136	133	132	135	130	127	126	128	123	117	119	Lo PR		
505	909	504	503	465	461	459	458	414	409	407	406	366	361	359	358	321	317	315	314	279	274	270	259	Hi PR		
20.0	21.5	21.5	21.5	21.4	21.3	21.3	21.3	18.9	18.7	18.8	18.8	16.6	16.4	16.5	16.5	14.5	14.3	14.4	14.4	12.6	12.4	11.9	9.5	Amps		
4.91	5.27	5.27	5.28	5.27	5.23	5.24	5.24	4.68	4.64	4.65	4.66	4.15	4.12	4.13	4.13	3.66	3.63	3.64	3.64	3.23	3.19	3.08	2.42	× ×	1320	75
15	19	23	25	13	17	20	22	13	17	20	22	14	17	20	22	13	17	20	22	13	17	22	23	T∇		
0.56	69.0	0.82	1.00	0.51	0.65	0.78	1.00	0.49	0.63	0.76	1.00	0.47	0.61	0.74	0.82	0.44	0.58	0.72	0.79	0.44	0.58	0	0.80	S/T		
33.0	32.8	31.7	31.2	38.9	37.1	35.9	35.3	41.1	39.3	38.1	37.5	42.9	41.1	39.9	39.3	44.0	42.1	40.9	40.4	44.3	42.5	40.4	33.9	MBh		
155	149	146	144	150	145	142	140	144	139	136	135	139	134	131	130	133	128	125	124	126	118	116	119	Lo PR		
502	503	501	200	463	458	456	455	411	406	404	403	363	358	357	355	319	314	312	311	276	269	265	253	Hi PR		
19.9	21.4	21.4	21.4	21.3	21.2	21.2	21.2	18.8	18.6	18.6	18.7	16.5	16.3	16.3	16.4	14.3	14.2	14.2	14.2	12.4	11.7	11.0	8.2	Amps		
4.89	5.24	5.25	5.25	5.24	5.21	5.21	5.22	4.65	4.62	4.62	4.63	4.12	4.09	4.10	4.10	3.64	3.60	3.61	3.61	3.20	3.04	2.85	2.16	<u></u>	1120	
17	20	24	26	14	18	21	23	15	18	21	23	15	18	22	23	15	18	21	23	15	20	23	24	ΔT		
0.48	0.62	0.75	1.00	0.43	0.57	0.71	1.00	0.41	0.55	0.68	1.00	0.39	0.53	0.67	0.74	0.37	0.51	0.64	0.72	0.36	0.50	0.63	0.73	S/T		
32.4	32.3	31.2	30.6	38.3	36.5	35.3	34.7	40.5	38.7	37.5	36.9	42.3	40.5	39.3	38.7	43.4	41.5	40.3	39.7	43.7	40.9	38.1	30.7	MBh		

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

Shaded ares is AHRI contitions.

			65ºF	⊥ ₀			759				0UT 85≗F	TDOOR A	AMBIENT	OUTDOOR AMBIENT TEMPERATURE	ATURE 95ºF		H		105ºF		H		115ºF		ПП
			j							-	ENTERIN	ENTERING INDOOR WET		m	TEMPERATURE								-		_
Ē	AIRFLOW	_	63	67	71	29	63	Н,	71	-		_		_		-	-	-	-	٠,		-1	- `	_	
	MBh S/T	30.9 0.86	38.3	41.1 0.62	43.9	40.0	40.5	4I./ 4 0.63 (43.6	38.9	39.5 ⁴ 79 0	40.7 4 0.66 C	42.5	37.1 3,	3/./ 3	38.9 4(0.67 0		34.9 35	35.5 36.7 0.83 0.70		38.5 30.8 0 56 1 00	30.8 31.3 100 100	32.5 47.0 (32.6	.0 C
	ΔT		27	24	19	27			19								19					'			
1120			2.85	3.05	3.20	3.62			3.64					~	7				5.22 5.21			5.26 5.25	ш,		
	Amps		11.0	11.7	12.5	14.3			14.4				_		18.6 1		_	21.2 21	21.2 21.2	. ,	_	21.4 21.4			<u> </u>
	Hi PR		265	270	277	311			319												463 50		2 504	. 503	~
	Lo PR	_	117	119	126	124			133				\dashv				\dashv				\dashv				ر ا
	MBh		40.6	42.7	44.5	40.6	41.2	42.4	44.2				43.1		38.3	39.5	41.3	35.5 36	36.1 37.3		39.1 31	31.4 31.9		33.2	7
	S/T		0.82	0.70	0.56	1.00			0.57		. 0	~											_		00
			26	21	17	26		21	17				18		24	21			24 20			29 27			
1320			3.08	3.20	3.23	3.64	3.64		3.6/	4.13 4	4.13 ²	4.12 4		4.66 4.								28 5.28	77.5	4.91	
	Hi PR		271	275	280	314.4			322						408 4	410 4			21.3 21.3 459 461		466 503) (C
	Lo PR		118	123	128	126			136																
	MBh	_	41.3	43.5	45.3	41.4		43.1	45.0		_	Ι.	H	'	1		╁		36.9 38	l .	l	'''	```		T ₀
	S/T		0.86	0.74	09.0	1.00		_	09.0	Ū						0.79 0.		1.00 1.	00 0.81		0.67 1.0	_	_		- 2
	ΤΔ		25	20	16	25			16								16 2								
1520			3.10	3.22	3.25	3.67		.0	3.69			4.14 4		~	~	_	_	_	5.27 5.26		5.29 5.30	۵,	ш,	4.93	ω
			12.0	12.5	12.7	14.5			14.6	16.6	16.6	16.5	16.7				_		_						
	Hi PR		273	278	282	317	318	320	325	361	363	364	969	•	•		417 4	461 46	462 464		469 506	90 507	7 509	508	
	Lo PR	_	120	126	131	128	130	133	138	135	136	139	144		141 1	144 1	149 1	145 1	147 15	150 1	55 149				
		-							}				-				ŀ				-				Γ
	MBh	31.4	38.9	41.8	44.6	40.6	41.2	42.4	44.2				43.2	37.8 38	38.3 3		41.4 3.	35.6 36	36.1 37		39.2 31.4	.4 32.0	0 33.1		7
	- S		0.85	0.72	0.58	1.00			0.59	_	_	_			_				_			_	_	_	
3			31	28	77	31			77																
1120			11.0	3.05	3.21	3.62	3.62	3.61	3.65	4.11 ²	4.II 2	4.IO 4	4.I3 4	4.64 4.	•	4.63 4		5.23 5.	5.22 5.4	5.22 5.	5.25 5	5.26 5.26	5.25	4.89	n 0
	Hi PR		266	271	278	313			320								413 4								
	Lo PR		118	120	128	126			135			136			139	142 1						147 148			_
	MBh	⊢	41.2	43.4	45.2	41.3			44.9				-				⊢	36.2 36			⊢	,			· ·
	S/T		0.92	0.80	99.0	1.00			0.67	1.00	1.00 (0.83 (1.00 1.	0								0 0.91	Ū	∞
	ΔT		30	24	21	29		24	21								21 2			24 2					_
1320			3.09	3.21	3.24	3.65			_			4.13 4	_									29 5.28	8 5.28		
	Amps		11.9	12.5	12.6	14.4		14.4	14.5				16.6	18.8 18	18.8 1	18.8 1					21.5 21.5				0
	Hi PR		272	276	281	316			323								_				_				_
	Lo PR	\dashv	119	125	130	128			137	134	136	139	144				\dashv				\dashv				_
	MBh		42.0	44.2	46.0	42.0			_				_				42.8 3	37.0 37	37.6 38.8		40.6 32.7		3 34.4		10
	S/T		96.0	0.84	0.70	1.00		_	0.70	_		_										` '			~
			29	23	20	28	26		20								20	28 2							
1520			3.11	3.23	3.26	3.68	3.67		3.70	•		•		4.69 4.	•	4.68 4.						٠,		•	4
	Amps		12.0	12.6	12.7	14.5	14.5	14.5	14.6		16.6				_										
	Hi PR	270	274	279	284	318	319	321	326	363			_	_	412 4					465 4.	470 507	17 508	3 510	209	6
	Lo PR	_	122	128	133	130	132	135	140	136	138	141	146	142 1		146 1	151 1	147 1	148 15		\dashv				~

													OUTDOO	R AMBIE	ENT TEM	OUTDOOR AMBIENT TEMPERATURE	#									
				65	65ºF			7	75ºF			8	85ºF			36	95ºF			105ºF	∃ō.			115ºF	Jō	
												ENTER	ENTERING INDOOR WET	OOR W	ET BULB	BULB TEMPERATURE	MTURE									
IDB	AIRF	AIRFLOW	29	63	29	71	29	—	29	17	29	63	29	7.1	29	E9	- 69	71	29	63	29	71	29	63		71
		MBh	34.6	39.5	46.0		45.3	45.9	47.3	1	44.1	44.7	46.1	1	42.0	42.6	44.0		39.5	40.1	41.5	-	31.7	32.3	33.4	-
		S/T	0.58	0.50	0.36	1	0.57	0.50	0.37	1	09:0	0.52	0.39	1	0.62	0.54	0.41	,	0.64	0.56	0.43	_	69.0	0.62	0.49	-
		ΔT	21	19	16	1	20	18	14	ı	20	18	15	ı	20	18	14	1	19	18	14	,	22	20	17	
	1170	× ×	2.44	2.89	3.53	ı	4.36	4.36	4.35	ı	4.96	4.95	4.95	ı	5.60	5.60	5.59	1	6.33	6.32	6.31	-	5.34	5.34	5.33	,
		Amps		11.2	13.8	1	17.3	17.3	17.2	1	19.9	19.9	19.8	1	22.7	22.7	22.6	,	25.8	25.8	25.8	_	21.8	21.8	21.8	1
		Hi PR	259	267	277	•	323	324	326	1	369	370	372	1	419	420	422	,	472	474	476	,	504	505	207	1
		Lo PR	116	115	114		120	122	124	1	126	128	130	1	131	133	136	1	136	138	141	,	143	144	147	-
		MBh	41.2	45.3	48.4		46.0	46.6	48.0		44.8	45.4	46.8	1	42.7	43.4	44.7	,	40.2	40.9	42.2	-	32.3	32.9	34.0	-
		S/T	0.63	0.56	0.44	•	0.65	0.57	0.44	1	0.67	09.0	0.47	ı	0.69	0.62	0.49	,	0.71	0.64	0.51	,	1.00	69.0	0.56	1
		ΤΔ	20	18	13	ı	18	16	13	ı	19	17	13	ı	18	16	13	1	18	16	13	_	21	19	15	
70	1380	××	3.12	3.57	3.85	1	4.40	4.39	4.38	1	4.99	4.99	4.98	1	5.64	5.63	5.63	,	98.9	98.3	6.35	,	5.37	5.36	5.36	1
		Amps	12.1	14.0	15.1	•	17.4	17.4	17.4	1	20.0	20.0	20.0	1	22.8	22.8	22.8	,	26.0	26.0	25.9	_	21.9	21.9	21.9	-
		Hi PR		278	285	1	326	327	329	1	372	373	375	1	422	423	425	-	475	477	479	-	207	208	510	
		Lo PR	114	113	120		122	124	126	1	128	130	133	1	133	135	138	-	138	140	143	-	145	146	149	_
		MBh	43.6	46.2	49.3		46.9	47.5	48.9		45.7	46.3	47.7	1	43.6	44.3	45.6	-	41.1	41.8	43.1	-	33.1	33.6	34.8	-
		S/T	0.67	09.0	0.47	1	0.68	0.61	0.48	1	0.71	0.63	0.50	1	0.73	0.65	0.52	,	0.75	0.67	0.54	,	1.00	0.72	0.59	1
		ΔT	19	17	12	•	17	15	12	1	17	16	12	1	17	15	12	,	17	15	12	,	20	18	14	1
	1590	₹	3.35	3.60	3.88	1	4.42	4.42	4.41	ı	5.02	5.02	5.01	ı	2.67	5.66	5.65	1	6.39	6.38	6.38	,	5.39	5.38	5.38	1
		Amps	13.1	14.1	15.2	1	17.6	17.5	17.5	1	20.2	20.1	20.1	1	23.0	22.9	22.9	,	26.1	26.1	26.0	,	22.0	22.0	22.0	1
		Hi PR	276	280	288	1	329	330	332	1	375	376	378	1	425	426	428	,	478	479	481	,	209	510	512	1
		Lo PR	115	116	122	1	124	126	129	•	131	132	135	1	136	137	140		141	142	145	,	147	148	151	-

wod ma	kW = Total system power	kW = Tc						onditions	Shaded area is ACCA (TVA) conditions	ea is ACC	naded are	S									e.	mperatu	'y Bulb Te	IDB = Entering Indoor Dry Bulb Temperature	ntering
158	151	148	147	147	145	142	141	145	140	137	136	140	135	132	131	134	129	126	124	127	122	116	3 115	Lo PR	
512	512	511	509	472	482	480	478	433	428	426	425	383	378	376	375	337	332	330	329	293	288	281	3 276	Hi PR	
20.5	22.0	22.0	22.0	22.4	26.0	26.1	26.1	23.1	22.9	22.9	22.9	20.3	20.1	20.1	20.1	17.7	17.5	17.5	17.5	15.3	15.2	14.1	s 13.1	Amps	
5.02	5.37	5.38	5.38	5.49	6.37	6.38	6.38	5.69	5.65	5.66	5.66	5.05	5.00	5.01	5.02	4.45	4.41	4.42	4.45	3.91	3.87	3.60	3.34	<u>≥</u>	1590
14	18	22	24	14	16	19	21	12	16	19	21	13	16	20	21	13	16	19	21	13	16	22	23	ΔT	
0.58	0.72	0.85	1.00	0.52	0.67	0.80	1.00	0.51	0.65	0.78	1.00	0.49	0.63	0.76	0.83	0.47	0.60	0.73	0.81	0.46	0.60	0.72	0.79	S/T	
35.0	34.8	33.6	33.1	41.7	43.1	41.8	41.1	47.7	45.7	44.3	43.6	49.8	47.7	46.3	45.7	51.0	48.9	47.5	46.9	51.4	49.3	46.2	43.6	MBh	
155	149	146	145	145	143	140	138	142	138	135	133	137	133	130	128	131	126	124	122	124	120	113	114	Lo PR	
509	510	208	207	469	479	477	476	430	425	423	422	380	375	373	372	334	329	327	326	290	285	278	271	Hi PR	
20.4	21.9	21.9	21.9	22.3	25.9	25.9	26.0	22.9	22.8	22.8	22.8	20.1	20.0	20.0	20.0	17.5	17.4	17.4	17.4	15.2	15.0	14.0	s 12.1	Amps	
5.00	5.35	5.36	5.36	5.47	6.34	6.35	6.36	5.66	5.62	5.63	5.64	5.02	4.98	4.99	4.99	4.42	4.38	4.39	4.39	3.89	3.84	3.57	3.11	<u>×</u>	1380
16	20	23	25	15	17	20	22	14	17	20	22	14	17	21	22	14	17	20	22	14	17	23	24	T∆	
0.54	0.68	0.81	1.00	0.49	0.63	0.76	1.00	0.47	0.61	0.74	1.00	0.45	0.59	0.72	0.79	0.43	0.57	0.70	0.77	0.42	0.56	0.68	0.75	S/T	
34.2	34.1	32.9	32.3	40.9	42.2	40.9	40.2	46.9	44.8	43.4	42.7	48.9	46.8	45.5	44.8	50.1	48.0	46.6	46.0	50.5	48.4	45.4	_	MBh	
153	147	144	143	143	141	138	136	140	136	133	131	135	131	128	126	129	124	122	120	122	114	115	116	Lo PR	
507	207	202	504	466	476	474	473	427	422	420	419	377	373	371	369	331	326	324	323	287	277	267	259	Hi PR	
20.3	21.8	21.8	21.8	22.2	25.8	25.8	25.8	22.8	22.6	22.7	22.7	20.0	19.8	19.9	19.9	17.4	17.2	17.3	17.3	15.1	13.8	11.2	s 9.3	Amps	
4.97	5.33	5.34	5.34	5.44	6.31	6.32	6.32	5.63	5.59	5.60	5.60	4.98	4.94	4.95	4.96	4.39	4.34	4.35	4.36	3.85	3.53	2.89	2.44	<u>×</u>	1170
17	21	25	27	16	18	22	23	15	18	22	24	15	19	22	24	15	18	22	24	15	21	24	25	ΔT	
0.47	0.61	0.74	1.00	0.41	0.56	0.69	1.00	0.40	0.54	0.67	0.74	0.38	0.52	0.65	0.72	0.36	0.49	0.62	0.70	0.35	0.48	0.62	0.71	T/S	
33.7	33.5	32.3	31.8	40.2	41.5	40.2	39.5	46.1	44.0	42.7	42.0	48.2	46.1	44.7	44.1	49.4	47.3	45.9	45.3	49.8	46.0	39.5	34.6	MBh	

												ľ	JTDOOR	AMBIEN	OUTDOOR AMBIENT TEMPERATURE	RATURE										
				65º F	ЬĒ			75º	년 당			85ºF	Į.			95º₽	и			105ºF	<u>.</u>			115ºF		
												ENTERI	NG INDC	ENTERING INDOOR WET	BULB TEMPERATURE	MPERA	URE									
IDB	AIRFLOW	TOW	29	- 63	29	71	23	63	67	71	29	63	29	7.1	—	_	—	<u> </u>	—	—	—	—	—	—	—	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												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		0.79		0.52			~	0.53	1.00 (~	0.59
	1170	- ×	29	289	52 2	2 ×	28 4 36	20 4 36	4.35	L3	28 4 96	20 4 95	23 4 94	13 4 99		27			6 33	420	22 6 3.1		_	22 24 1		7. 7.98
		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							21.8	20.3
		Hi PR	260	267	277	288	324	325	327	332	370	371	373	378		421										207
		Lo PR	117	115	115	123	121	122	125	130	127	128	131	136				-				_				154
		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	_			42.5	41.1	32.5			34.4
		S/T	0.87	0.80	0.68	0.54	1.00	0.82	69.0	0.55	1.00	0.84	0.71	0.57				0.59	1.00	0.88				_		99.0
		ΔT	29	27	21	18	26	24	21	18	26	25	21	18	26	24					21	19	30			20
80	1380	≫	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	2.62								5.36	2.00
		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				_						20.4
		Hi PR	271	278	120	291	327	328	330	335	373	374	376	381	134	424 135	426 138	431	476	140	479 .	470	507	509 146	510	510
		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				+		`	ł	+				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		06.0	0.77 (0.63								0.70
		ΔT	28	56	20	17	25	23	20	16	25	24	20	17												19
	1590	×	3.35	3.60	3.88	3.92	4.42	4.42	4.41	4.45	5.02	5.02	5.01	5.05	2.67	5.66			6.39	~		_	_		~	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					_	_				20.5
		Hi PR	277	281	289	293	329	331	333	337	376	377	379	384	425	427	429	433	479 4			472	510	511	513	513
		Lo PR	116	116	122	127	125	126	129	134	131	132	135	140	136	138	140		141	143	145	148		149		158
		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		È	`	`		_				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	09.0	1.00	0.88			_				_	1.00 (~	69.0
		ΔT	33	32	29	23	31	29	26	22	31	30	26	23	31	29	26	22		29						25
	1170	≥	2.45	2.90	3.54	3.86	4.37	4.37	4.36	4.40	4.97	4.96	4.95	2.00	5.61	5.61		_		_				-,		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			•				_		20.3
		Hi PR	261	268	279	289	325	326	328	333	371	372	374	379	421	422	424					468				508
	1	Lo PR	118	117	116	125	122	124	127	132	128	130	133	138	134	135		+			-	+				156
		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		47.9			43.3	41.8				35.0
		1/5	T.00	0.90	0.78	0.64	T.00	0.92	0.78	0.65	T.00	0.94	0.8I	0.67	T.00	T.00	~						$\overline{}$	$\overline{}$		0.76
Ŀ	000		33	31	25	7.00	30	87 7	4.25	7.43	30	87 2	75	71		87 5	25	77	67	78	76	73	33	31 [27		24
6	1300	Ambe	3.12 12.2	000	15.1	0.50 15.3	17.4 17.5	17 F	4.39 17.4	17.6	3.00	20.00	4.99	20.0	27.03	70.04									00.00	20.0
		Hi PR	273	280	287	292	328	329	331	336	374	375	377	382		425							509			511
		Lo PR	116	116	122	127	124	126	129	134	130	132	135	140	136	137		145								157
		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								\vdash				35.8
		S/T	1.00	0.93	0.82	0.68	1.00	0.95	0.82	0.68	1.00	0.98	0.85	0.71		1.00			_	1.00 (_	_				08.0
		ΔT	32	30	24	20	29	27	23	20	29	27	24	20	29	27										23
	1590	<u>≥</u>	3.35	3.61	3.89	3.93	4.43	4.43	4.42	4.46	5.03	5.03	5.02	90.5	5.68	2.67		_	_	_						5.02
		Amps	13.1	14.1	15.2	15.4	17.6	17.6	17.5	17.7	20.2	20.2	20.1	20.3	23.0	23.0	22.9							_	_	20.5
		Hi PR	278	282	290	295	331	332	334	339	377	378	380	385	427	428	430	435		481					514	514
		Lo PR	118	118	124	129	127	128	131	136	133	134	137	142	138	139	142	147	143	144	147	149	149	150	153	160
IDB = En	tering Inc	IDB = Entering Indoor Dry Bulb Temperature	Bulb Ten	nperature	<i>a</i> :									Shaded	ares is AHRI contitions	IRI contit	ions.						~	kW = Total system powe	l system	power
High and	low pres	High and low pressures are measured at the liquid and suction service valves. Airflow may vary depending on actual ambient conditions and system operati	measur	ed at the	High and low pressures are measured at the liquid and suction service valves. Airflow may vary depending on actual ambient conditions and system operation	nd suction	service	valves.	n modes													Amps =	Amps = outdoor unit amps (comp.+fan)	. unit am	bs (com	o.+fan)

Markow Sa 63 67 71 59 63 64 67 71 59 63 67 71 69 64 67 71 69 69 69 69 69 69 69 6													J	JUTDOO	R AMBI	ENT TEM	OUTDOOR AMBIENT TEMPERATURE	RE									
Mile 416 426 624 624 624 624 625 624 624 625					99	3ºF		Ц	7	5ºF			8	3 <u>º</u> F			6	5º F			105	∃e⊱			115	¥.	
Mail 41,6 42,0 43,0													ENTE	RING INE	JOOR W	ET BULB	TEMPE	MTURE									
Main 41, 49, 49, 54, 64, 67, 67, 67, 67, 67, 67, 67, 67, 67, 67	IDB	AIRF	LOW	29	63	29	71	- 59	63	29	17	65	63	29	71	29	63	29	71	29	63	29	71	29	63	29	71
130 5/T 1/2			MBh	41.6	49.2	54.0		53.3		55.7	1	51.9	52.7	54.3	1	49.5	50.2	51.8		41.9	42.6	44.1	-	35.9	36.5	37.8	-
4M 50 19 16 19 17 14 19 17 14 19 14 19 14 19 14 19 17 14 19 17 14 19 17 14 19 17 14 19 17 14 19 17 14 19 17 14 19 17 14 19 17 14 19 17 14 19 17 14 19 17 14 19 17 14 19 17 14 19 17 14 19 17 13 13 13 13 14 19 13 13 14 19 17 14 19 12 12 12 14 19 12 14 19 14 19 13 13 14 19 13 13 13 13 14 19 12 12 14 13 13 14<			S/T	0.57	0.49	0.36	1	0.56		0.36	1	0.58	0.51	0.38	1	09.0	0.53	0.40	-	0.64	0.56	0.43	_	69.0	0.61	0.48	,
4390 KW 2.90 3.68 4.18 - 5.14 5.13 - 5.85 5.84 5.83 - 6.60 6.50			ΔT	20	19	16	•	19		14	1	19	17	14	1	19	17	14		21	19	15	-	22	20	16	,
Help Rolling R		1390	×	2.90	3.68	4.18	1	5.15	5.14	5.13	ı	5.85	5.84	5.83	ı	6.60	09.9	6.59	-	6.01	6.01	00.9	_	5.75	5.75	5.74	,
HiPR 260 272 280 324 325 327 123 125 128 128 130 133 132 134 136 145 142 130 132 134 136 141 142 142 142 142 142 142 142 142 142			Amps		14.1	16.0	•	20.1	20.1	20.1	1	23.2	23.1	23.1	1	26.4	26.4	26.4	1	24.2	24.2	24.2	_	23.3	23.2	23.2	,
MBH 47.6 51.4 57.0 5.4 54.5 56.5 5.5			Hi PR		272	280	1	324	325	327	ı	370	371	373	1	420	421	423	1	459	460	462	,	501	503	504	,
MMBh 47.6 51.4 57.0 5 54.1 56.5 5 53.5 55.1 5 6 <th></th> <th></th> <th>Lo PR</th> <th>_</th> <th>111</th> <th>113</th> <th>1</th> <th>117</th> <th>119</th> <th>122</th> <th>1</th> <th>123</th> <th>125</th> <th>128</th> <th>1</th> <th>128</th> <th>130</th> <th>133</th> <th>-</th> <th>132</th> <th>134</th> <th>136</th> <th>,</th> <th>141</th> <th>142</th> <th>145</th> <th>,</th>			Lo PR	_	111	113	1	117	119	122	1	123	125	128	1	128	130	133	-	132	134	136	,	141	142	145	,
1440 656 6.64 6.65 6.63 6.64 6.66 6.64 6.66 6.64 6.66 6.64 6.67 6.69 6.69 6.71 6.64 6.65 6.65 6.64 6.64 6.64 6.64			MBh	47.6	51.4	57.0		54.1			1	52.7	53.5	55.1	1	50.3	51.1	52.7	1	42.7	43.4	44.8	,	36.5	37.2	38.5	
444 kW 3.50 3.8 1.3 1 1.6 1.3 1 1.6 1.3 1 1.6 1.3 1 1.6 1.3 1 1.6 1.3 1 1.6 1.3 1 1.6 1.3 1 1.6 1.3 1 1.6 1.3 1 1.6 1.3 1.6 1.3 1.6 1.3 1.6 1.3 1.6 1.3 1.6 1.3 1.6 <th></th> <th></th> <th>S/T</th> <th>0.64</th> <th>0.56</th> <th>0.42</th> <th>•</th> <th>0.63</th> <th></th> <th>0</th> <th>1</th> <th>0.65</th> <th>0.58</th> <th>0.45</th> <th>1</th> <th>0.67</th> <th>09.0</th> <th>0.47</th> <th></th> <th>0.71</th> <th>0.64</th> <th>0.51</th> <th>-</th> <th>92.0</th> <th>69.0</th> <th>0.56</th> <th>,</th>			S/T	0.64	0.56	0.42	•	0.63		0	1	0.65	0.58	0.45	1	0.67	09.0	0.47		0.71	0.64	0.51	-	92.0	69.0	0.56	,
4640 kW 3.50 3.93 4.55 6.19 5.19 5.18 5.89 5.89 5.87 6.04 6.04 6.03 6.04 6.04 6.04 6.04 6.04 6.04 6.04 6.04 6.04 6.04 6.03 9.7 3.7 3.7 3.7 3.2 2.33 23.3 2.3 2.3 2.3 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.3 2.3 2.3 2.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.0			ΔT	20	18	13		17		13	1	18	16	13	1	17	16	13	-	19	17	14	_	20	18	15	_
Amps 13.4 15.1 17.5 - 20.3 20.3 23.3 - 23.3 - 23.4 23.5 23.3 - 23.4 23.6 6.	70	1640	×	3.50	3.93	4.55	1	5.19		5.17	1	5.89	5.88	5.87	1	6.64	6.64	6.63	1	6.05	6.04	6.03	,	5.78	5.77	5.77	,
Hipk 271 277 286 - 3 24 32 330 - 3 34 37 37 376 - 4 24 42 426 - 4 64 46 46 463 465 - 6 50 50 50 6 40 5 40 5 40 5 40 5 40 5 4			Amps		15.1	17.5	•	20.3		20.2	1	23.3	23.3	23.3	1	26.6	26.6	26.5	,	24.4	24.3	24.3	_	23.4	23.4	23.3	_
OPM 132 133 135 135 135 135 135 136 138 13 144 149 144 145 145 144 145 145 144 145 145 144 145 143 148			Hi PR		277	286	1	327		330	1	373	374	376	1	423	424	426	-	462	463	465	1	504	202	207	1
MBh 50.2 54.3 58.1 - 55.2 56.0 57.6 - 56.2 - 51.4 52.1 53.7 - 43.6 45.8 - 56.2 - 51.4 52.1 53.7 - 43.6 43.7 52.1 53.7 - 43.6 43.7 43			Lo PR	_	113	117	'	119		124	1	125	127	130	1	130	132	135	-	134	136	138	-	143	144	147	1
S/T 0.68 0.60 0.46 0.5 0.47 0.69 0.62 0.49 0.71 0.63 0.51 0.71 0.63 0.51 0.75 0.67 0.67 0.54 0.71 0.70 0.71 0.63 0.51 0.71 0.71 0.63 0.51 0.71 0.71 <			MBh	50.2	54.3	58.1	1	55.2		57.6	1	53.8	54.6	56.2	1	51.4	52.1	53.7	1	43.6	44.3	45.8	1	37.4	38.0	39.3	,
AT 31 19 17 12 - 16 15 11 - 1 17 15 12 - 16 16 15 11 - 1 17 15 12 - 16 16 15 11 - 1 18 16 13 - 1 19 17 17 18 18 18 18 19 19 17 18 18 18 18 18 18 18 19 19 17 18 18 18 18 18 18 18 18 18 18 18 18 18			S/T	0.68	09.0	0.46	1	99.0		0.47	1	0.69	0.62	0.49	1	0.71	0.63	0.51		0.75	0.67	0.54	-	1.00	0.72	0.59	,
kW 3.74 4.25 4.58 - 5.22 5.21 5.91 5.90 - 6.67 6.66 - 6.07 6.06 - 6.07 6.06 - 5.80 5.80 5.80 Amps 14.3 16.4 17.7 - 20.4 20.4 20.4 23.5 23.5 23.4 - 26.8 26.7 26.			ΔT	19	17	12	•	16		11	1	17	15	12	1	16	15	11		18	16	13	-	19	17	14	,
14.3 16.4 17.7 - 20.4 20.4 20.4 - 23.5 23.5 23.4 - 26.8 26.7 26.7 26.7 26.7 26.7 26.7 26.7 26.7 24.4 24.4 24.4 - 23.5 23.5 276 284 288 - 329 331 333 - 376 377 379 - 426 427 429 - 465 468 - 507 508 114 114 119 - 122 123 126 - 128 132 - 133 134 137 - 136 138 141 - 145 146		1890	≷	3.74	4.25	4.58		5.22	5.22	5.21	1	5.92	5.91	5.90	1	6.67	6.67	99'9	-	6.07	6.07	90'9	_	5.80	5.80	5.79	-
276 284 288 - 329 331 333 - 376 377 379 - 426 427 429 - 465 468 - 507 508 114 114 119 - 122 123 126 - 128 129 132 - 133 134 137 - 136 138 141 - 145 146			Amps		16.4	17.7	1	20.4	20.4	20.4	1	23.5	23.5	23.4	1	26.8	26.7	26.7		24.5	24.4	24.4	-	23.5	23.5	23.4	,
114 119 - 122 123 126 - 128 129 132 - 133 134 137 - 136 138 141 - 145 146			Hi PR		284	288	•	329	331	333	1	376	377	379	1	426	427	429		465	466	468	-	207	208	510	,
			Lo PR		114	119	1	122	123	126	1	128	129	132	1	133	134	137	1	136	138	141	1	145	146	149	,

	<u>≥</u>	MBh 41	1.6 49.2	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.
	S,	:/T 0.	0.70 0.62	2 0.48	3 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	69.0	0.56	0.42	1.00	0.74	0.61	0.48
	7	M 2	25 23	20	14	22	21	18	14	23	21	18	15	22	21	18	14	25	23	20	16	56	24	20	16
1390		kW 2.	2.90 3.68	8 4.17	7 4.55	5.14	5.14	5.13	5.18	5.84	5.84	5.83	5.87	09.9	6.59	6.58	6.63	6.01	6.01	00.9	2.67	5.75	5.75	5.74	5.30
_	An	Amps 10	10.9 14.0	0.91 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
	Ξ	Hi PR 20	261 272	2 280	288	324	325	327	332	370	371	373	378	420	421	423	428	459	461	462	463	502	503	505	503
	9	Lo PR 1:	113 111	1113	120	117	119	122	126	123	125	128	132	128	130	133	137	132	134	136	142	141	142	145	151
	_	MBh 47	47.6 51.4	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,	S/T 0.	0.76 0.68	8 0.55	5 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
	7	ΔT 2	24 22	16	13	21	19	16	13	21	20	17	13	21	19	16	13	24	22	18	14	24	23	19	15
75 1640	_	kW 3.	3.49 3.93	3 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
	An	Amps 13	13.3 15.0	0 17.5	17.7	20.3	20.3	20.2	20.4	23.3	23.3	23.2	23.5	26.6	59.97	26.5	26.7	24.3	24.3	24.3	22.9	23.4	23.4	23.3	21.5
_	Ξ	Hi PR 2	271 278	3 286	291	327	328	330	335	373	374	376	381	423	424	426	431	462	463	465	465	504	505	207	505
	의	Lo PR 1.	112 113	3 117	122	119	121	124	128	125	127	130	134	130	132	135	139	134	136	138	144	143	144	147	153
	_	MBh 50	50.2 54.3	3 58.1	9.09 1	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	S/T 0.	0.80 0.72	2 0.58	3 0.45	0.79	0.71	0.59	0.45	0.81	0.74	0.61	0.48	0.83	92.0	0.63	0.50	1.00	0.80	0.67	0.53	1.00	0.85	0.72	0.59
	7	ΔT 2	23 21	15	12	20	18	15	12	20	19	15	12	20	18	15	12	22	21	17	13	23	21	18	14
1890		kW 3.	3.74 4.25	5 4.58	3 4.62	5.22	5.21	5.20	5.25	5.92	5.91	5.90	5.95	6.67	99.9	6.65	6.70	6.07	6.07	90.9	5.72	5.80	5.79	5.79	5.34
_	An	Amps 1^{4}	14.3 16.4	4 17.6	5 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
	三	Hi PR 2	277 284	1 289	294	330	331	333	338	376	377	379	384	426	427	429	434	465	466	468	468	207	208	510	508
_	9	Lo PR 1:	114 114	1119	124	122	123	126	131	128	129	132	137	133	134	137	142	136	138	141	146	145	146	149	156
Entering	g Indoor	r Dry Bulk	IDB = Entering Indoor Dry Bulb Temperature	ure									Sh	Shaded area is ACCA (TVA) conditions	a is ACC/	\ (TVA) co	nditions						kW = Total system	al systen	т роме

21 5.30 21.4 503 152

23.2

23.3

24.2

26.4

26.4

28 5.75 23.2

1.00 30 5.75

> 24 6.00 24.2

27 6.01

18 6.63 26.6

21 6.58

25 6.60 26.4

26 6.60

18 5.88 23.3

22 5.83 23.1

25 5.84 23.1 372 125

18 5.18 20.3

> 5.14 20.1 326

26 5.15

24 4.18

28 3.68 14.1

29 2.90 10.9

0.82

MBh S/T AT kW

18 4.55 17.5

25

20.1

20.1

52.2 1.00 27 5.85

1.00 29 6.01

20 20 5.67 22.8 463

29

63

71

62

63

29

71

63

63

29

71

29

63

29

63

<u>B</u>

BULB TEMPERATURE

OUTDOOR AMBIENT TEMPERATURE

85ºF

75ºF

65º F

105ºF

505 146 38.7

503

502

463 137 45.1 0.75

461

24.2 460 133

429

424 133

422

421 129

379

23.2 371 124

> 332 127 59.3 0.53

328

324 118

288

261 113

Hi PR Lo PR

Amps

1390

113

273 112 51.7

16.0

119 55.2

128 55.4

138

143

142 45.7

134

21.5 506 154 39.4

23.3 508 147

506

505

466 139

464

24.3

26.8

6.62

26.6

26.6

23.5

23.3

145 38.3 1.00

144

136

140 56.5 0.61

135

132 52.4 0.87

131

135

432

427

425

423

382

377

375 127

374 126

23.4

23.4

5.77

18 5.34

27 5.80

90.9

6.07

6.07

6.67

6.67

5.95

5.91

24

16

27

23.0

0.71

1.00

143 37.7

> 46.6 0.65

46.0

44.6

0.92

0.75

1.00

0.59

0.85

1.00

0.70

0.90

0.56

0.84

19

24

16

4.63

3.74

⊼ K ¥

1890

58.9

56.5

54.9

54.1

124 57.9

56.3

55.5

8.09

58.4 0.70 19 4.58

54.6

50.5 0.92

120

122

117

113

Lo PR

327

291

17.5 286

15.1 278

272

13.3

Amps Hi PR

1640

80

19

39.6 0.84

0.67 19 5.32

0.80 23 5.77

27

19 5.70 22.9 466

22

26

17

20

23

25 6.64

17

20 5.87

24 5.88 23.3

25 5.89 23.3

17

20 5.17

23

5.22 20.4 335 129 60.4 0.57

5.18 20.3 329 121

5.19 20.3

4.60

17

20 4.55

3.50

S/T AT KW 17.7

20.2

331

6.03 24.3

6.04

6.67

6.64

5.92

36.8 1.00 29 5.78

0.61

43.7

43.0 1.00 28 6.05 24.4 463 135 43.9 1.00

0.58

0.84

0.56

0.69

0.82

53.8

53.0

56.8

54.5

120 59.8

47.8

0.67

0.80

0.87

0.53

57.3 0.66

> 0.80 26 3.93

0.89

53.0

50.6

38.5

37.4

											82										
				1390	_						1640							1890			
	MBh	S/T	ΔT	×	Amps	Hi PR	Lo PR	MBh	S/T	ΔT	××	Amps	Hi PR	Lo PR	MBh	S/T	ΔT	××	Amps	Hi PR	Lo PR
	42.6	1.00	32	2.91	11.0	262	115	48.6	1.00	32	3.51	13.4	273	114	51.3	1.00	31	3.75	14.4	278	116
	50.3	0.83	32	3.69	14.1	274	113	52.5	0.90	30	3.94	15.1	279	115	55.4	0.93	29	4.26	16.4	286	116
	55.2	0.70	28	4.19	16.1	282	115	58.2	92.0	23	4.56	17.6	288	119	59.3	0.79	22	4.59	17.7	290	121
	59.8	0.55	21	4.57	17.6	290	122	60.7	0.62	20	4.61	17.8	293	124	61.7	99.0	19	4.64	17.9	295	126
	54.5	1.00	30	5.16	20.2	326	120	55.4	1.00	28	5.20	20.3	329	122	56.4	1.00	27	5.23	20.5	331	124
	55.3	0.82	28	5.15	20.2	327	121	56.1	0.89	27	5.20	20.3	330	123	57.2	0.93	26	5.23	20.5	333	125
	56.9	69.0	25	5.14	20.1	329	124	57.7	92.0	23	5.18	20.3	332	126	58.8	0.80	22	5.22	20.4	335	128
	59.4	0.56	21	5.19	20.3	334	129	60.2	0.63	20	5.23	20.5	337	131	61.3	0.67	19	5.26	20.6	340	133
	53.1	1.00	30	5.86	23.2	372	126	54.0	1.00	29	5.90	23.4	375	127	55.0	1.00	28	5.93	23.5	378	130
	53.9	0.84	28	5.85	23.2	373	127	54.7	0.91	27	5.89	23.4	376	129	55.8	0.95	26	5.93	23.5	379	131
	52.5	0.71	25	5.84	23.1	375	130	56.3	0.79	24	5.88	23.3	378	132	57.4	0.82	23	5.91	23.5	381	134
	57.9	0.58	22	5.89	23.3	380	134	58.8	0.65	20	5.93	23.5	383	136	59.9	69.0	19	5.96	23.7	386	139
	50.7	1.00	30	6.61	26.5	422	131	51.5	1.00	28		26.7	425	133		_	27	69.9	26.8	428	135
	51.4	0.86	28	6.61	26.5	423	132	52.3	0.93	27	6.65	26.6	426	134	53.4	1.00	26		26.8	429	136
	53.1	0.73	25	09.9	26.4	425	135	53.9	0.80	23	6.64	26.6	428	137	55.0	0.84	22	6.67	26.7	431	139
	55.5	09.0	21	6.64	26.6	430	139	56.4	0.67	20	6.68	26.8	433	141	57.4	0.71	19	6.72	26.9	436	144
	43.0	1.00	33	6.02	24.3	461	134	43.8		32		24.4	464	136	44.7	1.00	31	80.9	24.5	467	139
	43.7	1.00	31	6.02	24.2	462	136	44.5	_	30		24.4	465	138		1.00	29	80.9	24.5	468	140
	45.2	0.77	28	6.01	24.2	464	139	45.9		26		24.3	467	141	46.9	0.89	25	6.07	24.4	470	143
ľ	45.8	0.64	24	5.68	22.8	464	144	46.5	0.71	22	5.71	23.0	467	146	47.4	0.75	21	5.73	23.1	470	148
	36.8	1.00	34	5.76	23.3	503	143	37.5	1.00	32	5.79	23.4	909	145	38.4	1.00	31		23.5	509	147
	37.5	1.00	32	5.76	23.3	504	144	38.2	1.00	30	5.78	23.4	207	146	39.0	1.00	29	5.80	23.5	510	149
	38.8	0.83	28	5.75	23.3	909	147	39.5	0.90	27	5.77	23.4	209	149	40.3	0.94	56	5.80	23.5	512	151

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.

Amps = outdoor unit amps (comp.+fan)

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DESIG	SN SUBCOOLING	10A* / AHVE24 G @ AHRI 95°F г 100% DEMAN	CONDITIONS 9	-11°F					
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°	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					
TV	A Conditions (@ 95° OD DB,	75° ID, 63° ID \	NB					
95°	16,000	12,800	3,200	1,520					

DESIG	N SUBCOOLING	10A* / AHVE24 1 @ AHRI 95°F г 100% DEMAN	CONDITIONS 1	1-13°F
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
TV	A Conditions (@ 95° OD DB,	75° ID, 63° ID \	WB
95°	21,400	16,900	4,500	2,200

DESIG	N SUBCOOLING	LOA* / AHVE36 @ AHRI 95°F r 100% DEMAN	CONDITIONS 1	3-15°F
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
TV	A Conditions (@ 95° OD DB, 7	75° ID, 63° ID \	WB
95°	26,800	20,900	5,900	2,810

DESIG	N SUBCOOLING	.0A* / AHVE24 G @ AHRI 95°F N BOOST MODI	CONDITIONS 9	-11°F
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
TV	A Conditions (⊚ 95° OD DB, 7	75° ID, 63° ID \	NB
95°	16,900	13,200	3,700	1,700

DESIG	N SUBCOOLING	LOA* / AHVE24 @ AHRI 95°F N BOOST MOD	CONDITIONS 1	1-13°F
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
TV	A Conditions (@ 95° OD DB,	75° ID, 63° ID \	WB
95°	22,600	17,400	5,200	2,450

DESIG	N SUBCOOLING	LOA* / AHVE36 @ AHRI 95°F N BOOST MOD	CONDITIONS 13	3-15°F
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	31,500	22,600	8,900	2,450
80°	31,100	22,700	8,400	2,600
85°	30,700	22,800	7,900	2,750
90°	30,100	22,600	7,500	2,900
95°	29,400	22,400	7,000	3,100
100°	28,600	22,100	6,500	3,300
105°	27,800	21,700	6,100	3,450
110°	26,700	21,500	5,200	3,700
115°	25,500	21,200	4,300	3,900
TV	A Conditions (මු 95° OD DB, 7	75° ID, 63° ID \	WB
95°	28,400	21,800	6,600	3,100

DESIG	N SUBCOOLING	LOA* / AHVE3(i @ AHRI 95°F г 100% DEMAN	CONDITIONS 14	1-16°F
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°	28,900	24,200	4,700	4,600
115°	26,000	22,900	3,100	4,810
TV	A Conditions (@ 95° OD DB,	75° ID, 63° ID V	VB
95°	32,400	25,600	6,800	3,870

DESIG	GN SUBCOOLIN	.0A* / AHVE48 G @ AHRI 95°i r 100% DEMAN	CONDITIONS	7-9°F
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°	34,400	27,100	7,300	5,300
115°	31,400	25,400	6,000	5,270
TV	A Conditions (⊚ 95° OD DB, 7	75° ID, 63° ID \	WB
95°	38,100	29,000	9,100	4,650

DESIG		.0A* / AHVE48 a @ AHRI 95°F		-10°F
52510		100% DEMAN		
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°	42,800	31,700	11,100	6,000
105°	40,500	30,400	10,100	6,350
110°	36,600	28,300	8,300	5,900
115°	32,600	26,100	6,500	5,360
TV	A Conditions (҈ 95° OD DB,	75° ID, 63° ID \	WB
95°	43,400	32,100	11,300	5,630

DESIG	N SUBCOOLING	.0A* / AHVE36 @ AHRI 95°F N BOOST MOD	CONDITIONS 1	4-16°F										
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°	85° 37,000 27,800 9,200 3,750													
90°	90° 36,200 27,600 8,600 4,000													
95°	35,400	27,300	8,100	4,200										
100°	34,400	26,900	7,500	4,500										
105°	33,400	26,500	6,900	4,700										
110°	29,700	24,700	5,000	4,800										
115°	26,000	22,800	3,200	4,850										
TV	A Conditions (මු 95° OD DB, 1	75° ID, 63° ID \	NΒ										
95°	34,100	26,600	7,500	4,200										

Deci		.0A* / AHVE48 g @ AHRI 95°I		7 0°E									
DESIG		N BOOST MODI		,-5 i									
OUTDOOR TEMP. °F	Total BTU/h	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS									
75°	44,500	30,600	13,900	3,900									
80°	85° 43,400 30,900 12,500 4,400												
85°													
90°	90° 42,500 30,600 11,900 4,700												
95°	90° 42,500 30,600 11,900												
100°	39,400	29,200	10,200	5,300									
105°	37,300	28,000	9,300	5,600									
110°	34,400	26,800	7,600	5,500									
115°	31,400	25,500	5,900	5,300									
TV	A Conditions (මු 95° OD DB, 7	75° ID, 63° ID \	ΝB									
95°	40,000	29,600	10,400	4,950									

DESIG	N SUBCOOLING	.0A* / AHVE48 @ AHRI 95°F N BOOST MOD	CONDITIONS 8	3-10°F
OUTDOOR TEMP. °F	Total BTU/h	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	50,900	33,600	17,300	4,750
80°	50,300	33,800	16,500	5,100
85°	49,700	33,900	15,800	5,400
90°	48,100	33,300	14,800	5,800
95°	46,500	32,600	13,900	6,100
100°	43,500	31,500	12,000	6,200
105°	40,500	30,400	10,100	6,350
110°	36,600	28,300	8,300	5,900
115°	32,600	26,100	6,500	5,400
TV/	A Conditions (95° OD DB, :	75° ID, 63° ID \	NΒ
95°	44,900	31,900	13,000	6,100

DESIG	IN SUBCOOLING	.0A* / AHVE60 G @ AHRI 95°F г 100% Deman	CONDITIONS 8	-10°F
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°	40,000	30,900	9,100	5,900
115°	34,900	27,900	7,000	5,770
TV	A Conditions (@ 95° OD DB, 1	75° ID, 63° ID \	VB
95°	51,100	36,800	14,300	6,630

DESIG	IN SUBCOOLING	.0A* / AHVE60 G @ AHRI 95°F N BOOST MOD	CONDITIONS 8	-10°F											
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS											
75°	59,500	39,200	20,300	5,800											
80°															
85°	85° 58,000 39,600 18,400 6,600														
90°															
95°	55,500	38,900	16,600	7,450											
100°	50,300	36,400	13,900	6,800											
105°	45,100	33,900	11,200	6,050											
110°	40,000	30,900	9,100	5,900											
115°	34,900	27,900	7,000	5,800											
TV	A Conditions (⊚ 95° OD DB, 1	75° ID, 63° ID \	WB											
95°	53,500	38,000	15,500	7,450											

GSZS601810A* + AHVE24BP1400A*

							OUTD	OOR AN	IBIENT	TEMPER.	ATURE							
	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*

							OUTD	OOR AN	IBIENT	TEMPER.	ATURE							
	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*

							OUTD	OOR AN	/IBIENT	TEMPER.	ATURE							
	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*

							OUTD	OOR AN	/IBIENT	TEMPER.	ATURE							
	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

GSZS604210A* + AHVE48DP1400A*

							OUTDO	OOR AM	BIENT T	EMPERA	TURE							
	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*

							OUTDO	OOR AM	BIENT T	EMPERA	TURE							
	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*

							OUTDO	OOR AM	BIENT T	EMPERA	TURE							
	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		
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	Same as normal heating mode	
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	35 OR LOWER				
MBh	31.1	29.2	27.4	25.6	24.4	23.6	21.5				
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	Same as normal heating mode			
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*

							0	OUTDOOR AMBIENT TEMPERATURE
	65 60 55 50 47 45 40					45	40	35 OR LOWER
MBh	38.7	36.4	34.1	31.9	30.4	29.3	26.7	
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	Same as normal heating mode
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*

							0	UTDOOR AMBIENT TEMPERATURE
	65 60 55 50 47 45 40						40	35 or lower
MBh	44.0	41.5	39.0	36.5	34.9	33.7	30.9	
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	Same as normal heating mode
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

GSZS604210A* + AHVE48DP1400A*

							OUTD	OOR 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	
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	Same as normal heating mode
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		
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	Same as normal heating mode	
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*

							OUTD	OOR 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	
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	Same as normal heating mode
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.

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

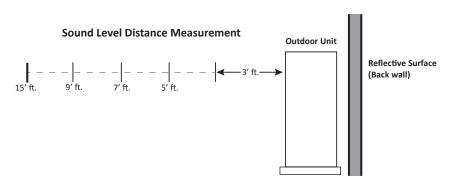
Amps = Outdoor unit amps (comp.+fan) KW= Total system power

Norma	L MODE - COOLING			Sour	ND POWER L	EVEL ¹					
T	TOTAL UNIT	OCTAVE BAND SPECTRUM FREQUENCY (Hz) ANALYSIS (dB)									
TONNAGE	SOUND RATING (dBA)	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			

 $^{1}\!\text{Compliant}$ with ISO3744.

Norma	NORMAL MODE - HEATING			Sour	ND POWER L	EVEL ¹				
Townson	TOTAL UNIT	OCTAVE BAND SPECTRUM FREQUENCY (Hz) ANALYSIS (dB)								
TONNAGE	SOUND RATING (dBA)	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 PRESS	URE (dBA) Co	OLING MODE	1
				FROM PROPI		
TONNAGE	REFLECTIVE SURFACE QTY.	3'	5'	7'	9'	15'
	0	59	54	51	49	45
1.5-ton	1	62	57	54	52	48
	2	65	60	57	55	51
	0	60	55	52	50	46
2-ton	1	63	58	55	53	49
	2	66	61	58	56	52
	0	61	56	53	51	47
2.5-ton	1	64	59	56	54	50
	2	67	62	59	57	53
	0	61	56	53	51	47
3-ton	1	64	59	56	54	50
	2	67	62	59	57	53
	0	65	60	57	55	51
3.5-ton	1	68	63	60	58	54
	2	71	66	63	61	57
	0	65	60	57	55	51
4-ton	1	68	63	60	58	54
	2	71	66	63	61	57
	0	67	62	59	57	53
5-ton	1	70	65	62	60	56
	2	73	68	65	63	59

 $^{^{\}rm 1}$ Compliant with AHRI 275 utilizing standard mode, total sound levels

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

 $^{^{\}rm 1}$ 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
	LV.1	63	46
1.5-ton	LV.2	60	43
	LV.3	57	40
	LV.1	64	47
2-ton	LV.2	61	44
	LV.3	58	41
	LV.1	65	51
2.5-ton	LV.2	62	48
	LV.3	59	45
	LV.1	65	51
3-ton	LV.2	62	48
	LV.3	59	45
	LV.1	67	55
3.5-ton	LV.2	62	50
	LV.3	57	45
	LV.1	67	55
4-ton	LV.2	62	50
	LV.3	57	45
	LV.1	68	55
5-ton	LV.2	63	50
	LV.3	58	45

¹Compliant with ISO3744.

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
	LV.1	65	48
1.5-ton	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
	LV.1	67	53
3-ton	LV.2	64	50
	LV.3	59	45
	LV.1	67	55
3.5-ton	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

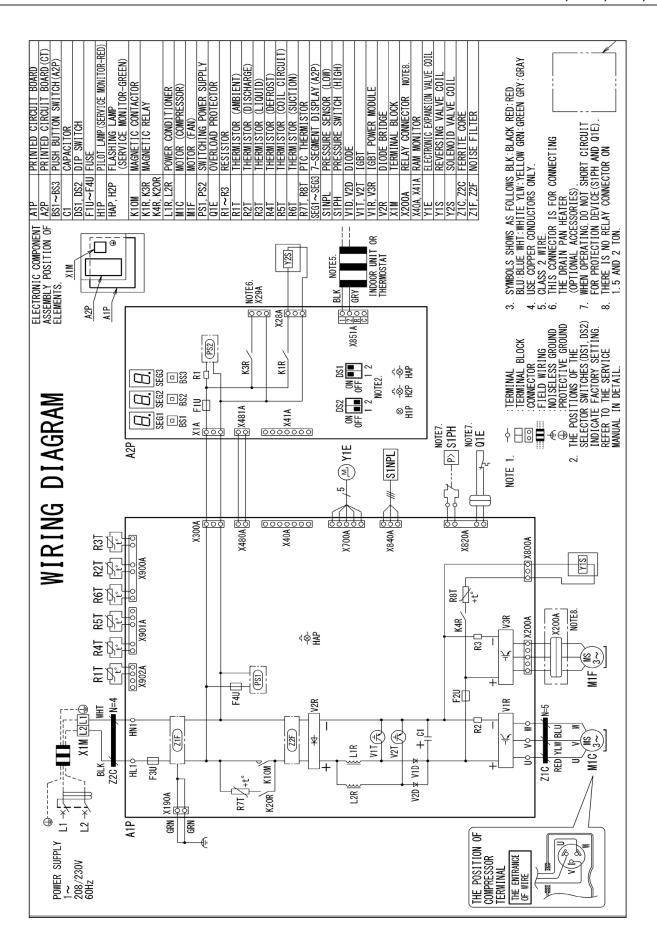
¹Compliant with ISO3744.

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

²Compliant with JIS B 8616: 2006.

 $^{^2\}mbox{Compliant}$ with JIS B 8616 : 2006.

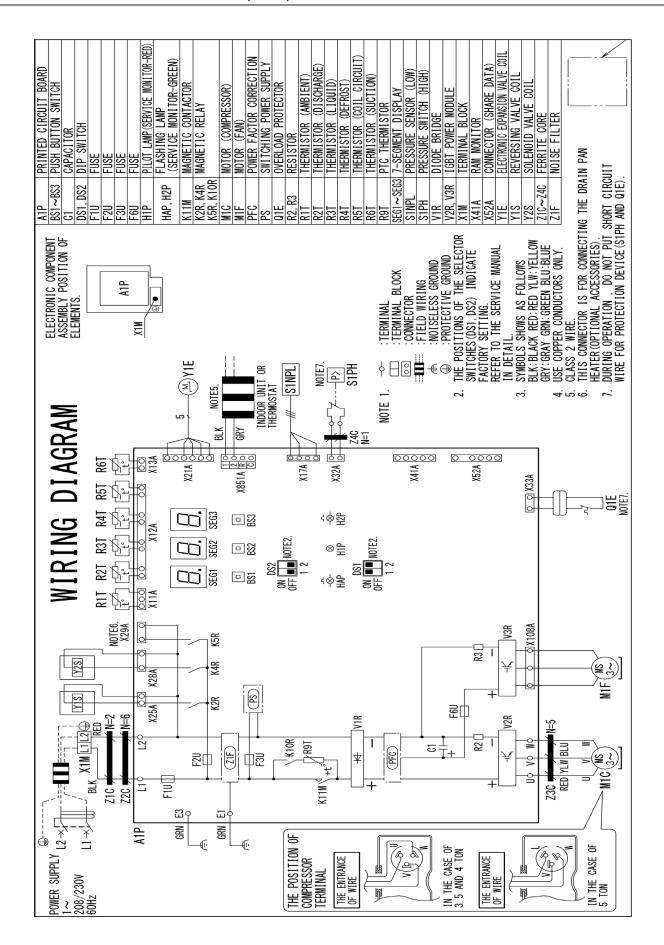
All AHRI system ratings are accessible in the System Configurator tool via PartnerLink.

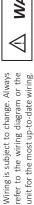


High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

WARNING

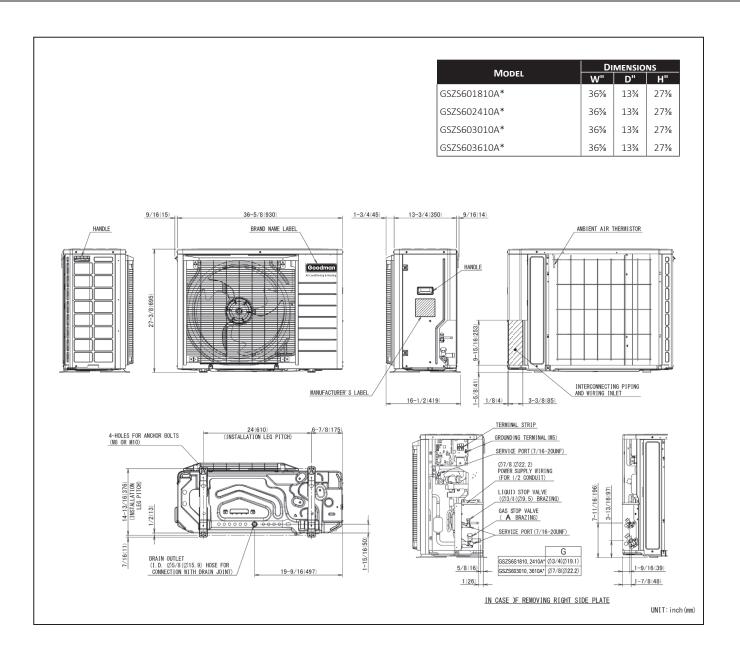


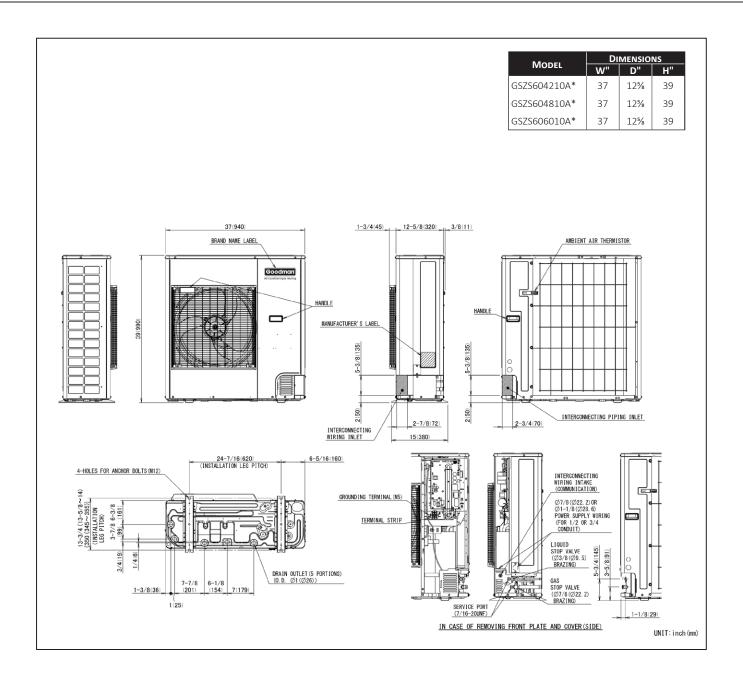




WARNING

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

 $^{^{\}rm 1}\,{\rm Product}$ is manufactured at time of order. Lead time will be associated with purchase.

NOTES	