Goodman®
Air Conditioning & Heating

GPUM3

Packaged Gas/Electric Ultra-Low NOx 13.4 SEER2 / 81% AFUE 2 to 5 Tons

ALL ALUMINUM COIL

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Standard Features

- Heavy-duty stainless-steel heat exchanger
- Energy-efficient scroll compressor
- Multi-speed ECM indoor blower motor
- Convertible airflow: horizontal or downflow application
- All-aluminum evaporator coil
- Power-assisted combustion
- Direct spark ignition system includes a microprocessor-based control for the entire ignition sequence, all blower operation, and all safety circuits complete with self-diagnostics
- California Ultra-Low NOx emissions compliant
- Eligible for installation in California's South Coast Air Quality Management District (SCAQMD) and San Joaquin Valley Air Pollution Control District (SJVUAPCD). This gas packaged unit furnace complies with the 14 ng/J NOx emission limit in SCAQMD Rule 1111 and SJVUAPCD Rule 4905. This gas packaged unit furnace is eligible for the SCAQMD Clean Air Furnace Rebate Program: www.CleanAirFurnaceRebate.com
- AHRI Certified; ETL Listed

Cabinet Features

- High-quality UV-resistant powder-paint finish
- Aluminum foil-facing internal insulation reinforced with fiberglass scrim
- Convenient access panels
- One roof curb fits all units
- Fully insulated cabinet
- Bottom, 2" high base rails for easier handling
- Meets cabinet air leakage requirements when tested in accordance with ASHRAE standard 193
- One footprint for all tonnages

20 YEAR HEAT EXCHANGER LIMITED WARRANTY* | 10 YEAR PARTS LIMITED WARRANTY*

AHRI CERTIFIED

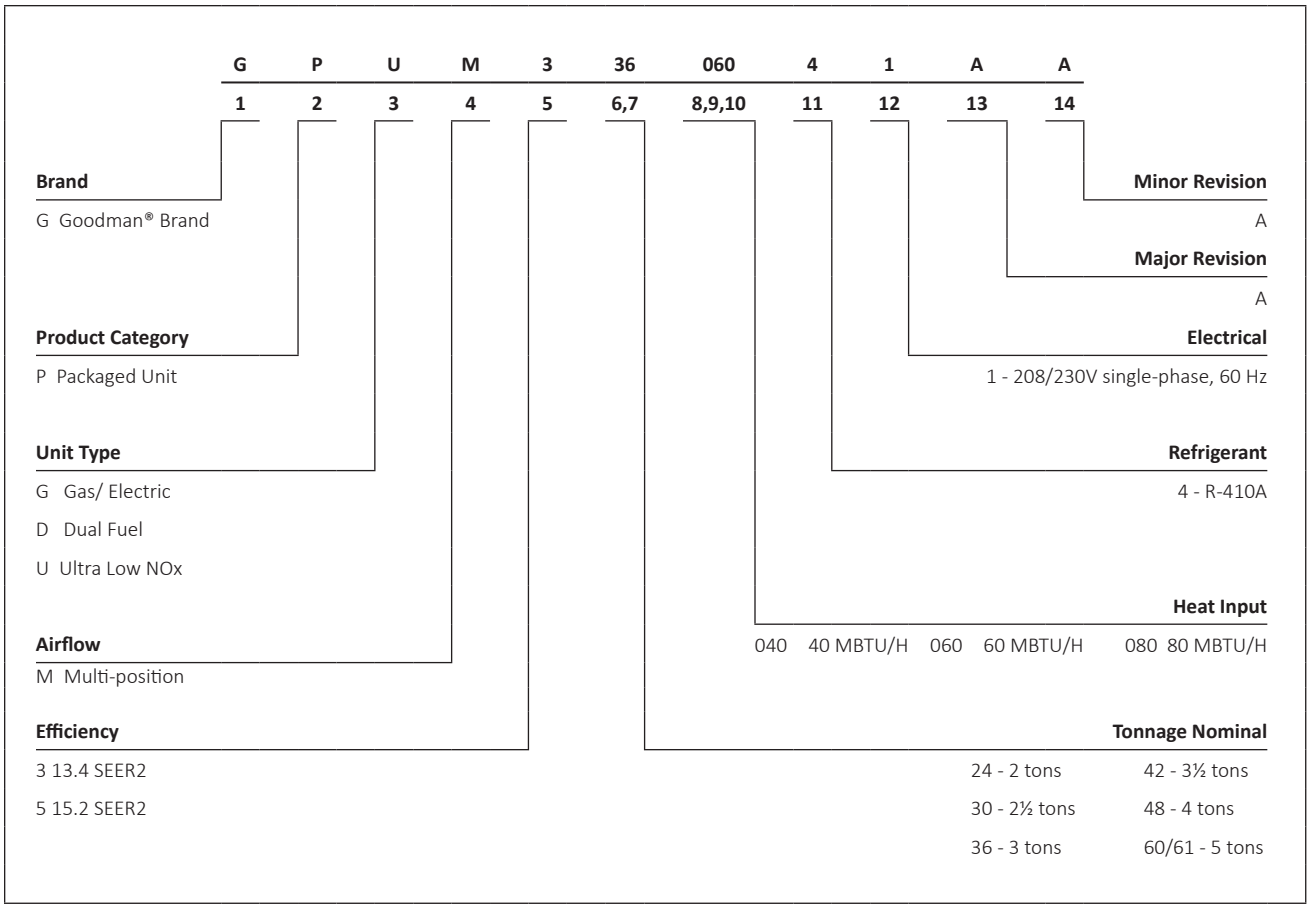
COMPANY WITH ENVIRONMENTAL SYSTEM CERTIFIED BY DNV GL = ISO 14001 =

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

ETL Intertek

BBB ACCREDITED BUSINESS

* Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the 20-Year Heat Exchanger Limited Warranty (good for as long as you own your home), and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec. The duration of warranty coverages in Texas differs in some cases.


G P U M 3 36 060 4 1 A A
1 2 3 4 5 6,7 8,9,10 11 12 13 14
Brand
G Goodman® Brand
Product Category
P Packaged Unit
Unit Type
G Gas/ Electric
D Dual Fuel
U Ultra Low NOx
Airflow
M Multi-position
Efficiency
3 13.4 SEER2
5 15.2 SEER2
Tonnage Nominal
24 - 2 tons
30 - 2½ tons
36 - 3 tons
42 - 3½ tons
48 - 4 tons
60/61 - 5 tons
Heat Input
040 40 MBTU/H
060 60 MBTU/H
080 80 MBTU/H
Refrigerant
4 - R-410A
Electrical
1 - 208/230V single-phase, 60 Hz
Major Revision
A
Minor Revision
A

	GPUM3 2404041	GPUM3 3006041	GPUM3 3606041	GPUM3 4208041	GPUM3 4808041	GPUM3 6108041
COOLING CAPACITY						
Total BTU/h	23,000	28,600	34,200	40,000	46,250	56,000
Sensible BTU/h	18,800	23,080	28,160	30,980	36,190	43,175
SEER2 / EER2	13.4 / 10.6	13.4 / 10.6	13.4 / 10.6	13.4 / 10.6	13.4 / 10.6	13.4 / 10.6
Decibels	78	78	78	78	80	79
AHRI Reference #s	209319523	209319529	209319535	209319541	209319547	209319553
HEATING CAPACITY						
Input BTU/h	40,000	60,000	60,000	80,000	80,000	80,000
Output BTU/h	32,400	48,600	48,600	64,800	64,800	64,800
AFUE	81	81	81	81	81	81
Temperature Rise Range	20 - 50	30 - 60	30 - 60	30 - 60	30 - 60	30 - 60
No. of Burners	1	1	1	1	1	1
EVAPORATOR MOTOR						
Type	ECM	ECM	ECM	ECM	ECM	ECM
Wheel (D x W)	10" x 8"	10" x 8"	10" x 9"	11" x 10"	11" x 10"	11" x 10"
Indoor Nominal CFM	800	1,000	1,200	1,300	1,525	1325 L / 1700 H
No. of Speeds	5	5	5	5	5	5
Horsepower	1/2	1/2	1/2	3/4	3/4	1
EVAPORATOR COIL						
Face Area (ft^2)	4.35	4.35	4.35	5.68	5.68	5.68
Rows Deep/Fins per Inch	3/14	3/14	4/14	4/14	4/14	4/14
Piston Size (Cooling)	0.057	0.062	0.068	0.072	5.68	5.68
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	75	78	92	103	107	100
CONDENSER FAN / COIL						
Horsepower - RPM	1/6 - 815	1/4 - 1,075	1/4 - 1,075	1/4 - 1,075	1/3 - 1,122	1/3 - 1,122
Diameter / # of Blades	22" / 3	22" / 3	22" / 3	22" / 3	22" / 3	22" / 3
Outdoor Nominal CFM	2,150	3,050	2,850	3,300	3,000	3,000
Face Area (ft^2)	12.29	12.29	11.13	15.36	14.37	14.37
Rows Deep/Fins per Inch	1/24	1/24	2/27	1/24	2/27	2/27
COMPRESSOR						
Quantity / Type	1 / Rotary	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll
Stage	Single	Single	Single	Single	Single	Two
Compressor RLA/LRA	7.7 / 38.0	14.1 / 73	14.1/77.0	17.9 / 112	19.9 / 110.00	25.6 / 158.0
ELECTRICAL DATA						
Voltage-Phase (Frequency 60Hz)	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Indoor Blower FLA	3.8	3.8	3.8	5.4	5.4	7.0
Outdoor Fan FLA/LRA	0.95/2.0	1.4 / 3.2	1.4 / 3.2	1.4 / 3.2	2.0 / 4.4	2.0 / 4.4
Min. Circuit Ampacity	14.4	22.8	22.8	29.2	32.3	41
Max. Overcurrent Protection	20 amps	35 amps	35 amps	45 amps	50 amps	60 amps
OPERATING / SHIP WEIGHTS (LBS)	412 / 435	420 / 442	496 / 520	523 / 545	533 / 555	533 / 555

[1] Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.
[2] Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

NOTE: Always check the S&R plate for electrical data on the unit being installed.

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	700	MBh	23.4	23.7	24.4	-	23.2	23.5	24.2	-	22.6	22.9	23.6	-	21.5	21.9	22.6	-	20.2	20.6	21.3	-	19.1	19.4	20.1	-
		S/T	0.65	0.57	0.42	-	0.66	0.58	0.43	-	0.69	0.60	0.46	-	1.00	0.63	0.48	-	1.00	0.65	0.50	-	1.00	0.70	0.56	-
		ΔT	20.09	18.23	14.76	-	20.04	18.18	14.71	-	20.30	18.44	14.97	-	20.02	18.16	14.69	-	19.77	17.91	14.44	-	20.93	19.08	15.61	-
		kW	1.53	1.53	1.53	-	1.73	1.73	1.72	-	1.95	1.94	1.94	-	2.18	2.18	2.18	-	2.45	2.44	2.44	-	2.76	2.75	2.75	-
		Amps	6.15	6.14	6.12	-	7.04	7.03	7.02	-	8.04	8.03	8.02	-	9.12	9.11	9.10	-	10.33	10.32	10.30	-	11.74	11.73	11.72	-
		Hi PR	263	264	266	-	305	306	307	-	348	349	351	-	395	396	398	-	445	446	448	-	499	500	502	-
		Lo PR	126	128	131	-	134	135	138	-	140	142	145	-	146	148	151	-	152	153	156	-	159	160	163	-
	800	MBh	23.7	24.0	24.7	-	23.5	23.8	24.5	-	22.9	23.2	23.9	-	21.8	22.2	22.9	-	20.6	20.9	21.6	-	19.4	19.7	20.4	-
		S/T	0.72	0.64	0.49	-	0.72	0.64	0.50	-	0.75	0.67	0.52	-	1.00	0.69	0.54	-	1.00	0.71	0.57	-	1.00	0.77	0.62	-
		ΔT	18.97	17.11	13.64	-	18.92	17.06	13.59	-	19.18	17.32	13.85	-	18.90	17.04	13.57	-	18.65	16.79	13.32	-	19.81	17.95	14.49	-
		kW	1.54	1.54	1.54	-	1.74	1.74	1.73	-	1.96	1.96	1.95	-	2.19	2.19	2.19	-	2.46	2.45	2.45	-	2.77	2.76	2.76	-
		Amps	6.19	6.19	6.17	-	7.09	7.08	7.06	-	8.08	8.08	8.06	-	9.17	9.16	9.14	-	10.37	10.36	10.35	-	11.79	11.78	11.77	-
		Hi PR	265	266	268	-	307	308	310	-	350	351	353	-	397	398	400	-	448	449	451	-	501	503	504	-
		Lo PR	128	129	133	-	136	137	140	-	142	144	147	-	148	149	153	-	153	155	158	-	160	162	165	-
	900	MBh	24.1	24.4	25.1	-	23.9	24.2	24.9	-	23.3	23.6	24.3	-	22.2	22.5	23.2	-	20.9	21.3	21.9	-	19.7	20.1	20.8	-
		S/T	0.75	0.67	0.53	-	0.76	0.68	0.53	-	1.00	0.71	0.56	-	1.00	0.73	0.58	-	1.00	0.75	0.60	-	1.00	1.00	0.66	-
		ΔT	18.02	16.16	12.70	-	17.97	16.11	12.64	-	18.23	16.37	12.91	-	17.95	16.09	12.63	-	17.70	15.85	12.38	-	18.87	17.01	13.54	-
		kW	1.55	1.55	1.55	-	1.75	1.75	1.74	-	1.97	1.96	1.96	-	2.20	2.20	2.20	-	2.46	2.46	2.46	-	2.77	2.77	2.77	-
		Amps	6.23	6.22	6.21	-	7.13	7.12	7.10	-	8.12	8.12	8.10	-	9.20	9.20	9.18	-	10.41	10.40	10.39	-	11.83	11.82	11.80	-
		Hi PR	267	269	270	-	309	310	312	-	352	354	355	-	399	400	402	-	450	451	453	-	504	505	507	-
		Lo PR	130	131	135	-	138	139	142	-	144	146	149	-	150	152	155	-	156	157	160	-	162	164	167	-
75	700	MBh	23.4	23.7	24.4	25.5	23.2	23.5	24.2	25.3	22.6	22.9	23.6	24.7	21.5	**21.9**	22.6	23.6	20.3	20.6	21.3	22.4	19.1	19.4	20.1	21.2
		S/T	0.79	0.71	0.56	0.4	1.00	0.72	0.57	0.4	1.00	0.74	0.60	0.4	1.00	**0.76**	0.62	0.5	1.00	0.79	0.64	0.5	1.00	1.00	0.70	0.5
		ΔT	24.17	22.32	18.85	15.3	24.12	22.27	18.80	15.2	24.38	22.53	19.06	15.5	24.10	**22.25**	18.78	15.2	23.86	22.00	18.53	14.9	25.02	23.16	19.69	16.1
		kW	1.53	1.53	1.53	1.5	1.73	1.73	1.72	1.7	1.95	1.94	1.94	2.0	2.18	**2.18**	2.18	2.2	2.44	2.44	2.44	2.5	2.75	2.75	2.75	2.8
		Amps	6.14	6.13	6.12	6.2	7.03	7.03	7.01	7.1	8.03	8.03	8.01	8.1	9.11	**9.11**	9.09	9.2	10.32	10.31	10.30	10.4	11.74	11.73	11.71	11.8
		Hi PR	263	264	266	270.8	305	306	308	312.3	348	349	351	355.8	395	**396**	398	402.6	446	447	448	453.1	499	501	502	507.0
		Lo PR	126	128	131	136.1	134	135	138	143.8	140	142	145	150.5	146	**148**	151	156.2	152	153	156	161.8	159	160	163	168.7
	800	MBh	23.7	24.1	24.8	25.8	23.5	23.8	24.5	25.6	22.9	23.2	23.9	25.0	21.8	**22.2**	22.9	23.9	20.6	20.9	21.6	22.7	19.4	19.7	20.4	21.5
		S/T	0.86	0.77	0.63	0.5	1.00	0.78	0.63	0.5	1.00	0.81	0.66	0.5	1.00	**0.83**	0.68	0.5	1.00	1.00	0.71	0.6	1.00	1.00	0.76	0.6
		ΔT	23.05	21.19	17.72	14.1	23.00	21.14	17.67	14.1	23.26	21.40	17.94	14.3	22.98	**21.12**	17.66	14.1	22.73	20.88	17.41	13.8	23.90	22.04	18.57	15.0
		kW	1.54	1.54	1.54	1.6	1.74	1.74	1.73	1.7	1.96	1.95	1.95	2.0	2.19	**2.19**	2.19	2.2	2.45	2.45	2.45	2.5	2.76	2.76	2.76	2.8
		Amps	6.19	6.18	6.16	6.2	7.08	7.07	7.06	7.1	8.08	8.07	8.06	8.1	9.16	**9.15**	9.14	9.2	10.37	10.36	10.34	10.4	11.78	11.77	11.76	11.8
		Hi PR	265	267	268	273.0	307	308	310	314.5	350	352	353	358.0	397	**398**	400	404.8	448	449	451	455.3	502	503	505	509.2
		Lo PR	128	129	133	138.0	136	137	140	145.7	142	144	147	152.4	148	**149**	153	158.1	153	155	158	163.6	160	162	165	170.6
	900	MBh	24.1	24.4	25.1	26.2	23.9	24.2	24.9	26.0	23.3	23.6	24.3	25.4	22.2	**22.5**	23.2	24.3	20.9	21.3	22.0	23.0	19.8	20.1	20.8	21.9
		S/T	0.89	0.81	0.66	0.5	1.00	0.82	0.67	0.5	1.00	0.84	0.70	0.5	1.00	**0.87**	0.72	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.80	0.6
		ΔT	22.11	20.25	16.78	13.2	22.06	20.20	16.73	13.1	22.32	20.46	16.99	13.4	22.04	**20.18**	16.71	13.1	21.79	19.93	16.46	12.9	22.95	21.09	17.63	14.0
		kW	1.55	1.55	1.55	1.6	1.75	1.74	1.74	1.8	1.96	1.96	1.96	2.0	2.20	**2.20**	2.19	2.2	2.46	2.46	2.46	2.5	2.77	2.77	2.77	2.8
		Amps	6.23	6.22	6.20	6.3	7.12	7.11	7.10	7.2	8.12	8.11	8.10	8.2	9.20	**9.19**	9.18	9.2	10.40	10.40	10.38	10.5	11.82	11.81	11.80	11.9
		Hi PR	268	269	271	275.2	309	310	312	316.7	353	354	356	360.2	399	**401**	402	407.0	450	451	453	457.5	504	505	507	511.4
		Lo PR	130	131	135	140.1	138	139	142	147.7	144	146	149	154.4	150	**152**	155	160.1	156	157	160	165.7	163	164	167	172.7

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	700	MBh	23.5	23.9	24.6	25.6	23.3	23.7	24.4	25.4	22.7	23.0	23.7	24.8	21.7	22.0	22.7	23.8	20.4	20.7	21.4	22.5	19.2	19.5	20.2	21.3
		S/T	1.00	0.84	0.70	0.5	1.00	0.85	0.71	0.6	1.00	0.88	0.73	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.83	0.7
		ΔT	28.29	26.43	22.96	19.4	28.24	26.38	22.91	19.3	28.50	26.64	23.17	19.6	28.22	26.36	22.89	19.3	27.97	26.11	22.64	19.0	29.13	27.27	23.81	20.2
		kW	1.53	1.53	1.53	1.5	1.73	1.73	1.72	1.7	1.95	1.94	1.94	2.0	2.18	2.18	2.18	2.2	2.45	2.44	2.44	2.5	2.76	2.75	2.75	2.8
		Amps	6.15	6.14	6.12	6.2	7.04	7.03	7.02	7.1	8.04	8.03	8.02	8.1	9.12	9.11	9.10	9.2	10.32	10.32	10.30	10.4	11.74	11.73	11.72	11.8
		Hi PR	264	265	267	271.3	305	306	308	312.8	349	350	352	356.3	396	397	399	403.1	446	447	449	453.6	500	501	503	507.4
		Lo PR	127	128	131	136.7	134	136	139	144.4	141	143	146	151.1	147	148	151	156.8	152	154	157	162.3	159	161	164	169.3
	800	MBh	23.8	24.2	24.9	25.9	23.6	24.0	24.7	25.7	23.0	23.4	24.1	25.1	22.0	22.3	**23.0**	24.1	20.7	21.0	21.7	22.8	19.5	19.8	20.5	21.6
		S/T	1.00	0.91	0.76	0.6	1.00	0.92	0.77	0.6	1.00	0.94	0.80	0.6	1.00	1.00	**0.82**	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.90	0.7
		ΔT	27.16	25.31	21.84	18.2	27.11	25.26	21.79	18.2	27.37	25.52	22.05	18.5	27.09	25.24	**21.77**	18.2	26.85	24.99	21.52	17.9	28.01	26.15	22.68	19.1
		kW	1.54	1.54	1.54	1.6	1.74	1.74	1.73	1.7	1.96	1.95	1.95	2.0	2.19	2.19	**2.19**	2.2	2.46	2.45	2.45	2.5	2.77	2.76	2.76	2.8
		Amps	6.19	6.18	6.17	6.2	7.09	7.08	7.06	7.1	8.08	8.08	8.06	8.1	9.16	9.16	**9.14**	9.2	10.37	10.36	10.35	10.4	11.79	11.78	11.76	11.8
		Hi PR	266	267	269	273.5	307	309	310	315.0	351	352	354	358.5	398	399	**401**	405.3	448	449	451	455.8	502	503	505	509.7
		Lo PR	128	130	133	138.6	136	138	141	146.2	143	144	148	152.9	148	150	**153**	158.6	154	156	159	164.2	161	163	166	171.2
	900	MBh	24.2	24.5	25.2	26.3	24.0	24.3	25.0	26.1	23.4	23.7	24.4	25.5	22.3	22.7	23.4	24.4	21.1	21.4	22.1	23.2	19.9	20.2	20.9	22.0
		S/T	1.00	0.95	0.80	0.6	1.00	0.95	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.88	0.7	1.00	1.00	1.00	0.8
		ΔT	26.22	24.36	20.89	17.3	26.17	24.31	20.84	17.2	26.43	24.57	21.10	17.5	26.15	24.29	20.82	17.2	25.90	24.04	20.57	17.0	27.06	25.21	21.74	18.1
		kW	1.55	1.55	1.55	1.6	1.75	1.75	1.74	1.8	1.96	1.96	1.96	2.0	2.20	2.20	2.20	2.2	2.46	2.46	2.46	2.5	2.77	2.77	2.77	2.8
		Amps	6.23	6.22	6.21	6.3	7.12	7.12	7.10	7.2	8.12	8.12	8.10	8.2	9.20	9.20	9.18	9.2	10.41	10.40	10.39	10.5	11.83	11.82	11.80	11.9
		Hi PR	268	269	271	275.7	310	311	313	317.2	353	354	356	360.7	400	401	403	407.5	450	452	453	458.0	504	505	507	511.8
		Lo PR	130	132	135	140.6	138	140	143	148.3	145	146	150	155.0	151	152	155	160.7	156	158	161	166.2	163	165	168	173.2
85	700	MBh	23.9	24.3	25.0	26.0	23.7	24.1	24.7	25.8	23.1	23.4	24.1	25.2	22.1	22.4	23.1	24.2	20.8	21.1	21.8	22.9	19.6	19.9	20.6	21.7
		S/T	1.00	0.95	0.81	0.7	1.00	1.00	0.81	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8
		ΔT	31.93	30.08	26.61	23.0	31.88	30.03	26.56	23.0	32.14	30.29	26.82	23.2	31.86	30.01	26.54	22.9	31.62	29.76	26.29	22.7	32.78	30.92	27.45	23.9
		kW	1.54	1.53	1.53	1.5	1.73	1.73	1.73	1.7	1.95	1.95	1.95	2.0	2.19	2.18	2.18	2.2	2.45	2.45	2.44	2.5	2.76	2.76	2.75	2.8
		Amps	6.16	6.16	6.14	6.2	7.06	7.05	7.03	7.1	8.05	8.05	8.03	8.1	9.13	9.13	9.11	9.2	10.34	10.33	10.32	10.4	11.76	11.75	11.73	11.8
		Hi PR	265	266	268	272.5	306	308	309	314.0	350	351	353	357.5	397	398	400	404.3	447	448	450	454.8	501	502	504	508.7
		Lo PR	128	130	133	138.6	136	138	141	146.3	143	144	148	153.0	149	150	153	158.6	154	156	159	164.2	161	163	166	171.2
	800	MBh	24.2	24.6	25.3	26.3	24.0	24.4	25.1	26.1	23.4	23.7	24.4	25.5	22.4	22.7	23.4	24.5	21.1	21.4	22.1	23.2	19.9	20.2	20.9	22.0
		S/T	1.00	1.00	0.87	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.91	0.8	1.00	1.00	0.93	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.9
		ΔT	30.81	28.95	25.49	21.9	30.76	28.90	25.43	21.8	31.02	29.16	25.70	22.1	30.74	28.88	25.42	21.8	30.49	28.64	25.17	21.6	31.66	29.80	26.33	22.7
		kW	1.55	1.55	1.54	1.6	1.74	1.74	1.74	1.8	1.96	1.96	1.96	2.0	2.20	2.19	2.19	2.2	2.46	2.46	2.45	2.5	2.77	2.77	2.76	2.8
		Amps	6.21	6.20	6.19	6.3	7.10	7.10	7.08	7.1	8.10	8.09	8.08	8.1	9.18	9.17	9.16	9.2	10.39	10.38	10.37	10.4	11.80	11.80	11.78	11.8
		Hi PR	267	268	270	274.8	309	310	312	316.3	352	353	355	359.7	399	400	402	406.6	449	451	452	457.0	503	504	506	510.9
		Lo PR	130	132	135	140.4	138	140	143	148.1	145	146	149	154.8	150	152	155	160.5	156	157	161	166.1	163	164	168	173.0
	900	MBh	24.6	24.9	25.6	26.7	24.4	24.7	25.4	26.5	23.8	24.1	24.8	25.9	22.7	23.1	23.8	24.8	21.4	21.8	22.5	23.5	20.3	20.6	21.3	22.4
		S/T	1.00	1.00	0.91	0.8	1.00	1.00	0.92	0.8	1.00	1.00	0.94	0.8	1.00	1.00	0.96	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.9
		ΔT	29.87	28.01	24.54	20.9	29.82	27.96	24.49	20.9	30.08	28.22	24.75	21.2	29.80	27.94	24.47	20.9	29.55	27.69	24.22	20.6	30.71	28.85	25.39	21.8
		kW	1.56	1.55	1.55	1.6	1.75	1.75	1.75	1.8	1.97	1.97	1.96	2.0	2.20	2.20	2.20	2.2	2.47	2.47	2.46	2.5	2.78	2.78	2.77	2.8
		Amps	6.25	6.24	6.23	6.3	7.14	7.13	7.12	7.2	8.14	8.13	8.12	8.2	9.22	9.21	9.20	9.3	10.43	10.42	10.40	10.5	11.84	11.84	11.82	11.9
		Hi PR	269	270	272	276.9	311	312	314	318.4	354	355	357	361.9	401	402	404	408.7	452	453	455	459.2	505	507	508	513.1
		Lo PR	132	134	137	142.5	140	142	145	150.2	147	148	152	156.9	152	154	157	162.6	158	160	163	168.1	165	167	170	175.1

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions.

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	875	MBh	29.1	29.5	30.4	-	28.8	29.2	30.1	-	28.1	28.5	29.4	-	26.8	27.2	28.0	-	25.2	25.6	26.5	-	23.7	24.1	25.0	-
		S/T	0.64	0.56	0.42	-	0.65	0.57	0.43	-	0.68	0.60	0.45	-	1.00	0.62	0.47	-	1.00	0.64	0.50	-	1.00	0.70	0.55	-
		ΔT	19.98	18.13	14.68	-	19.93	18.08	14.63	-	20.18	18.34	14.89	-	19.91	18.06	14.61	-	19.66	17.81	14.36	-	20.82	18.97	15.52	-
		kW	1.95	1.95	1.95	-	2.18	2.18	2.18	-	2.44	2.44	2.43	-	2.71	2.71	2.71	-	3.02	3.02	3.02	-	3.38	3.38	3.38	-
		Amps	7.65	7.64	7.63	-	8.70	8.69	8.67	-	9.87	9.86	9.84	-	11.13	11.12	11.10	-	12.54	12.53	12.52	-	14.20	14.19	14.17	-
		Hi PR	260	261	263	-	301	302	304	-	344	345	347	-	390	391	393	-	440	441	443	-	493	494	496	-
		Lo PR	125	127	130	-	133	134	137	-	139	141	144	-	145	146	150	-	150	152	155	-	157	159	162	-
	1000	MBh	29.5	29.9	30.8	-	29.2	29.6	30.5	-	28.5	28.9	29.7	-	27.2	27.6	28.4	-	25.6	26.0	26.8	-	24.1	24.5	25.4	-
		S/T	0.71	0.63	0.48	-	0.71	0.63	0.49	-	0.74	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.76	0.61	-
		ΔT	18.86	17.01	13.56	-	18.81	16.96	13.51	-	19.07	17.22	13.77	-	18.79	16.94	13.49	-	18.54	16.70	13.25	-	19.70	17.85	14.40	-
		kW	1.97	1.96	1.96	-	2.19	2.19	2.19	-	2.45	2.45	2.44	-	2.72	2.72	2.72	-	3.03	3.03	3.03	-	3.39	3.39	3.39	-
		Amps	7.71	7.70	7.68	-	8.75	8.75	8.73	-	9.92	9.91	9.89	-	11.18	11.18	11.16	-	12.60	12.59	12.57	-	14.25	14.24	14.23	-
		Hi PR	262	263	265	-	303	304	306	-	346	347	349	-	392	393	395	-	442	443	445	-	495	496	498	-
		Lo PR	127	128	132	-	134	136	139	-	141	143	146	-	147	148	151	-	152	154	157	-	159	161	164	-
	1125	MBh	29.9	30.3	31.2	-	29.7	30.1	31.0	-	28.9	29.3	30.2	-	27.6	28.0	28.9	-	26.0	26.4	27.3	-	24.6	25.0	25.8	-
		S/T	0.74	0.66	0.52	-	0.75	0.67	0.53	-	0.78	0.70	0.55	-	1.00	0.72	0.57	-	1.00	0.74	0.60	-	1.00	0.80	0.65	-
		ΔT	17.92	16.07	12.62	-	17.87	16.02	12.57	-	18.13	16.28	12.83	-	17.85	16.00	12.55	-	17.60	15.76	12.31	-	18.76	16.91	13.46	-
		kW	1.98	1.97	1.97	-	2.20	2.20	2.20	-	2.46	2.46	2.45	-	2.73	2.73	2.73	-	3.04	3.04	3.04	-	3.40	3.40	3.40	-
		Amps	7.75	7.74	7.73	-	8.80	8.79	8.77	-	9.97	9.96	9.94	-	11.23	11.22	11.20	-	12.64	12.63	12.62	-	14.30	14.29	14.27	-
		Hi PR	264	265	267	-	305	306	308	-	348	349	351	-	394	395	397	-	444	445	447	-	497	499	500	-
		Lo PR	129	130	134	-	136	138	141	-	143	145	148	-	149	150	153	-	154	156	159	-	161	163	166	-
75	875	MBh	29.1	29.5	30.4	31.7	28.9	29.3	30.1	31.5	28.1	28.5	29.4	30.7	26.8	**27.2**	28.1	29.4	25.2	25.6	26.5	27.8	23.7	24.1	25.0	26.3
		S/T	0.78	0.70	0.56	0.4	0.79	0.71	0.56	0.4	1.00	0.73	0.59	0.4	1.00	**0.75**	0.61	0.5	1.00	0.78	0.63	0.5	1.00	1.00	0.69	0.5
		ΔT	24.04	22.19	18.74	15.2	23.99	22.14	18.69	15.1	24.25	22.40	18.95	15.4	23.97	**22.12**	18.67	15.1	23.72	21.87	18.42	14.9	24.88	23.03	19.58	16.0
		kW	1.95	1.95	1.95	2.0	2.18	2.18	2.17	2.2	2.44	2.43	2.43	2.4	2.71	**2.71**	2.71	2.7	3.02	3.02	3.01	3.0	3.38	3.38	3.38	3.4
		Amps	7.65	7.64	7.62	7.7	8.69	8.68	8.67	8.7	9.86	9.85	9.83	9.9	11.12	**11.11**	11.10	11.2	12.53	12.53	12.51	12.6	14.19	14.18	14.16	14.2
		Hi PR	260	261	263	267.5	301	302	304	308.5	344	345	347	351.5	390	**391**	393	397.7	440	441	443	447.6	493	494	496	500.8
		Lo PR	125	127	130	135.0	133	134	137	142.6	139	141	144	149.3	145	**146**	150	154.9	150	152	155	160.5	157	159	162	167.4
	1000	MBh	29.5	29.9	30.8	32.1	29.2	29.6	30.5	31.8	28.5	28.9	29.8	31.1	27.2	**27.6**	28.4	29.8	25.6	26.0	26.9	28.2	24.1	24.5	25.4	26.7
		S/T	0.85	0.76	0.62	0.5	1.00	0.77	0.63	0.5	1.00	0.80	0.65	0.5	1.00	**0.82**	0.67	0.5	1.00	0.84	0.70	0.5	1.00	1.00	0.75	0.6
		ΔT	22.92	21.07	17.62	14.1	22.87	21.02	17.57	14.0	23.13	21.28	17.83	14.3	22.85	**21.00**	17.56	14.0	22.61	20.76	17.31	13.7	23.76	21.91	18.47	14.9
		kW	1.96	1.96	1.96	2.0	2.19	2.19	2.19	2.2	2.45	2.45	2.44	2.5	2.72	**2.72**	2.72	2.7	3.03	3.03	3.03	3.0	3.39	3.39	3.39	3.4
		Amps	7.70	7.69	7.67	7.8	8.75	8.74	8.72	8.8	9.91	9.91	9.89	10.0	11.18	**11.17**	11.15	11.2	12.59	12.58	12.56	12.6	14.24	14.24	14.22	14.3
		Hi PR	262	263	265	269.7	303	304	306	310.7	346	347	349	353.7	392	**394**	395	399.9	442	443	445	449.8	496	497	498	503.0
		Lo PR	127	128	132	136.9	134	136	139	144.5	141	143	146	151.1	147	**148**	151	156.8	152	154	157	162.3	159	161	164	169.2
	1125	MBh	30.0	30.4	31.2	32.6	29.7	30.1	31.0	32.3	28.9	29.3	30.2	31.5	27.6	**28.0**	28.9	30.2	26.0	26.4	27.3	28.6	24.6	25.0	25.9	27.2
		S/T	0.88	0.80	0.66	0.5	1.00	0.81	0.66	0.5	1.00	0.83	0.69	0.5	1.00	**0.85**	0.71	0.6	1.00	1.00	0.73	0.6	1.00	1.00	0.79	0.6
		ΔT	21.98	20.13	16.69	13.1	21.93	20.08	16.63	13.1	22.19	20.34	16.89	13.3	21.91	**20.07**	16.62	13.0	21.67	19.82	16.37	12.8	22.82	20.97	17.53	14.0
		kW	1.97	1.97	1.97	2.0	2.20	2.20	2.20	2.2	2.46	2.46	2.45	2.5	2.73	**2.73**	2.73	2.7	3.04	3.04	3.04	3.1	3.40	3.40	3.40	3.4
		Amps	7.75	7.74	7.72	7.8	8.79	8.78	8.77	8.8	9.96	9.95	9.93	10.0	11.22	**11.21**	11.20	11.3	12.63	12.63	12.61	12.7	14.29	14.28	14.26	14.3
		Hi PR	264	266	267	271.9	305	307	308	312.9	348	349	351	355.8	395	**396**	398	402.1	444	446	447	451.9	498	499	501	505.1
		Lo PR	129	130	134	138.9	136	138	141	146.5	143	145	148	153.2	149	**150**	153	158.8	154	156	159	164.3	161	163	166	171.2

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 12±3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8±3 °F @ the compressor suction access fitting connection.

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1164	MBh	30.7	31.4	33.6	35.9	30.0	30.7	32.8	35.0	29.3	30.0	32.0	34.2	28.6	29.2	31.2	33.4	27.2	27.8	29.7	31.7	25.2	25.7	27.5	29.4
		S/T	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.84	0.62	1.00	1.00	0.87	0.65	1.00	1.00	0.87	0.65
		ΔT	24	23	20	16	24	24	20	16	23	24	20	16	23	23	21	16	21	22	20	16	20	20	19	15
		KW	2.02	2.06	2.12	2.19	2.17	2.21	2.28	2.36	2.30	2.35	2.43	2.50	2.42	2.47	2.55	2.64	2.52	2.58	2.66	2.75	2.61	2.66	2.75	2.84
		AMPS	8.3	8.5	8.8	9.0	8.9	9.1	9.4	9.7	9.6	9.8	10.1	10.4	10.2	10.4	10.7	11.1	10.8	11.0	11.4	11.7	11.4	11.6	12.0	12.4
		HI PR	250	269	284	296	280	301	318	332	319	343	362	378	363	391	412	430	408	439	464	484	451	485	513	535
		LO PR	113	120	131	140	119	127	139	148	124	132	144	153	130	139	151	161	137	145	159	169	141	150	164	175
	1037	MBh	29.9	30.5	32.6	34.8	29.2	29.8	31.8	34.0	28.5	29.1	31.1	33.2	27.8	28.4	**30.3**	32.4	26.4	27.0	28.8	30.8	24.4	25.0	26.7	28.5
		S/T	0.95	0.89	0.73	0.54	0.99	0.93	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	**0.80**	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62
		ΔT	25	24	21	17	26	24	21	17	25	24	21	17	25	25	**21**	17	23	24	21	17	22	22	20	16
		KW	2.00	2.04	2.10	2.17	2.15	2.20	2.26	2.34	2.28	2.33	2.41	2.48	2.40	2.45	**2.53**	2.61	2.50	2.55	2.64	2.72	2.59	2.64	2.73	2.82
		AMPS	8.3	8.5	8.7	9.0	8.9	9.0	9.3	9.6	9.5	9.7	10.0	10.4	10.1	10.3	**10.6**	11.0	10.7	10.9	11.3	11.6	11.3	11.5	11.9	12.3
		HI PR	247	266	281	293	277	299	315	329	315	339	358	374	359	387	**408**	426	404	435	459	479	447	481	508	529
		LO PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	**150**	160	135	144	157	167	140	149	162	173
	910	MBh	27.6	28.2	30.1	32.2	26.9	27.5	29.4	31.4	26.3	26.8	28.7	30.7	25.6	26.2	28.0	29.9	24.3	24.9	26.6	28.4	22.6	23.0	24.6	26.3
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.91	0.74	0.56	1.01	0.94	0.77	0.57	1.05	0.98	0.80	0.60	1.05	0.99	0.80	0.60
		ΔT	26	24	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	21	17	24	23	20	16
		KW	1.95	1.99	2.05	2.12	2.10	2.14	2.21	2.28	2.23	2.28	2.35	2.42	2.34	2.39	2.47	2.55	2.44	2.49	2.57	2.66	2.52	2.58	2.66	2.75
		AMPS	8.1	8.3	8.5	8.8	8.7	8.8	9.1	9.4	9.3	9.5	9.8	10.1	9.9	10.1	10.4	10.7	10.4	10.7	11.0	11.3	11.0	11.2	11.6	12.0
		HI PR	240	258	272	284	269	290	306	319	306	329	348	363	349	375	396	413	392	422	446	465	433	466	492	513
		LO PR	109	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168
85	1164	MBh	31.3	31.9	33.4	35.6	30.6	31.1	32.6	34.8	29.8	30.4	31.8	34.0	29.1	29.7	31.1	33.1	27.6	28.2	29.5	31.5	25.6	26.1	27.3	29.2
		S/T	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.97	0.79	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.84	1.00	1.00	1.00	0.85
		ΔT	25	25	24	21	24	25	24	21	24	24	24	21	23	23	25	21	22	22	23	21	20	21	22	20
		KW	2.03	2.07	2.14	2.21	2.18	2.23	2.30	2.38	2.32	2.37	2.45	2.53	2.44	2.49	2.57	2.66	2.54	2.60	2.68	2.77	2.63	2.69	2.77	2.87
		AMPS	8.4	8.6	8.8	9.1	9.0	9.2	9.5	9.8	9.7	9.9	10.2	10.5	10.3	10.5	10.8	11.2	10.9	11.1	11.4	11.8	11.5	11.7	12.1	12.5
		HI PR	252	271	287	299	283	305	322	335	322	346	366	381	367	394	417	434	412	444	469	489	456	490	518	540
		LO PR	114	121	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	176
	1037	MBh	30.4	31.0	32.4	34.6	29.7	30.2	31.7	33.8	29.0	29.5	30.9	33.0	28.3	28.8	30.2	32.2	26.8	27.4	28.7	30.6	24.9	25.3	26.5	28.3
		S/T	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.81
		ΔT	27	26	25	22	26	27	25	22	26	26	25	22	25	26	25	22	24	24	25	22	22	22	23	20
		KW	2.02	2.06	2.12	2.19	2.17	2.21	2.28	2.36	2.30	2.35	2.43	2.50	2.42	2.47	2.55	2.64	2.52	2.58	2.66	2.75	2.61	2.66	2.75	2.84
		AMPS	8.3	8.5	8.8	9.0	8.9	9.1	9.4	9.7	9.6	9.8	10.1	10.4	10.2	10.4	10.7	11.1	10.8	11.0	11.4	11.7	11.4	11.6	12.0	12.4
		HI PR	250	269	284	296	280	301	318	332	319	343	362	378	363	391	412	430	408	439	464	484	451	485	513	535
		LO PR	113	120	131	140	119	127	139	148	124	132	144	153	130	139	151	161	137	145	159	169	141	150	164	175
	910	MBh	28.0	28.6	29.9	31.9	27.4	27.9	29.2	31.2	26.7	27.2	28.5	30.4	26.1	26.6	27.8	29.7	24.8	25.3	26.4	28.2	22.9	23.4	24.5	26.1
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
		ΔT	27	27	25	22	28	27	26	22	27	27	26	22	26	27	26	22	25	26	26	22	23	24	24	21
		KW	1.97	2.01	2.07	2.14	2.12	2.16	2.23	2.30	2.25	2.29	2.37	2.44	2.36	2.41	2.49	2.57	2.46	2.51	2.59	2.68	2.54	2.60	2.68	2.77
		AMPS	8.2	8.3	8.6	8.8	8.7	8.9	9.2	9.5	9.4	9.6	9.9	10.2	9.9	10.2	10.5	10.8	10.5	10.7	11.1	11.4	11.1	11.3	11.7	12.1
		HI PR	242	261	275	287	272	292	309	322	309	333	351	366	352	379	400	417	396	426	450	469	438	471	497	519
		LO PR	110	117	127	136	116	123	134	143	120	128	140	149	126	134	147	156	132	141	154	164	137	146	159	169

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions.

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 12±3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8±3 °F @ the compressor suction access fitting connection.

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1050	MBh	34.9	35.4	36.5	-	34.6	35.1	36.1	-	33.7	34.2	35.2	-	32.1	32.6	33.7	-	30.2	30.7	31.8	-	28.5	29.0	30.0	-
		S/T	0.68	0.60	0.45	-	0.69	0.60	0.46	-	0.71	0.63	0.48	-	1.00	0.65	0.51	-	1.00	0.68	0.53	-	1.00	0.73	0.59	-
		ΔT	19.90	18.03	14.53	-	19.85	17.97	14.47	-	20.11	18.24	14.74	-	19.83	17.96	14.46	-	19.58	17.71	14.21	-	20.75	18.88	15.38	-
		kW	2.35	2.35	2.34	-	2.62	2.62	2.61	-	2.92	2.92	2.91	-	3.25	3.25	3.24	-	3.61	3.61	3.61	-	4.04	4.04	4.04	-
		Amps	8.96	8.95	8.93	-	10.20	10.19	10.17	-	11.58	11.57	11.55	-	13.08	13.07	13.05	-	14.75	14.74	14.72	-	16.71	16.70	16.68	-
		Hi PR	262	264	265	-	304	305	307	-	347	348	350	-	394	395	397	-	444	445	447	-	497	499	500	-
		Lo PR	126	128	131	-	134	136	139	-	141	142	145	-	146	148	151	-	152	153	157	-	159	160	164	-
	1150	MBh	35.3	35.7	36.8	-	34.9	35.4	36.5	-	34.0	34.5	35.6	-	32.5	33.0	34.0	-	30.6	31.0	32.1	-	28.8	29.3	30.3	-
		S/T	0.72	0.64	0.49	-	0.73	0.65	0.50	-	0.76	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.72	0.57	-	1.00	0.77	0.63	-
		ΔT	19.14	17.26	13.76	-	19.09	17.21	13.71	-	19.35	17.48	13.98	-	19.07	17.19	13.69	-	18.82	16.94	13.44	-	19.99	18.12	14.62	-
		kW	2.36	2.36	2.35	-	2.63	2.63	2.62	-	2.93	2.93	2.92	-	3.26	3.26	3.25	-	3.62	3.62	3.62	-	4.05	4.05	4.05	-
		Amps	9.00	8.99	8.97	-	10.24	10.23	10.21	-	11.62	11.61	11.59	-	13.12	13.11	13.09	-	14.79	14.78	14.76	-	16.76	16.75	16.73	-
		Hi PR	264	265	267	-	305	306	308	-	349	350	351	-	395	396	398	-	445	446	448	-	499	500	502	-
		Lo PR	128	129	132	-	135	137	140	-	142	144	147	-	148	149	152	-	153	155	158	-	160	162	165	-
	1350	MBh	36.0	36.5	37.6	-	35.7	36.2	37.3	-	34.8	35.3	36.4	-	33.3	33.8	34.8	-	31.4	31.8	32.9	-	29.6	30.1	31.1	-
		S/T	0.77	0.68	0.54	-	0.77	0.69	0.54	-	1.00	0.72	0.57	-	1.00	0.74	0.59	-	1.00	0.76	0.62	-	1.00	1.00	0.67	-
		ΔT	17.84	15.97	12.47	-	17.79	15.92	12.42	-	18.06	16.18	12.68	-	17.77	15.90	12.40	-	17.52	15.65	12.15	-	18.70	16.82	13.32	-
		kW	2.37	2.37	2.37	-	2.64	2.64	2.64	-	2.95	2.94	2.94	-	3.27	3.27	3.27	-	3.64	3.64	3.63	-	4.07	4.07	4.06	-
		Amps	9.07	9.06	9.04	-	10.31	10.30	10.28	-	11.70	11.69	11.67	-	13.19	13.18	13.16	-	14.87	14.86	14.84	-	16.83	16.82	16.80	-
		Hi PR	267	268	270	-	308	309	311	-	352	353	354	-	398	399	401	-	448	449	451	-	502	503	505	-
		Lo PR	131	132	135	-	138	140	143	-	145	146	150	-	151	152	155	-	156	158	161	-	163	165	168	-
75	1050	MBh	34.9	35.4	36.5	38.1	34.6	35.1	36.2	37.8	33.7	34.2	35.3	36.8	32.2	**32.7**	33.7	35.3	30.3	30.7	31.8	33.4	28.5	29.0	30.0	31.6
		S/T	0.82	0.74	0.59	0.4	1.00	0.74	0.60	0.4	1.00	0.77	0.62	0.5	1.00	**0.79**	0.65	0.5	1.00	0.82	0.67	0.5	1.00	1.00	0.73	0.6
		ΔT	24.02	22.15	18.65	15.0	23.97	22.10	18.60	15.0	24.23	22.36	18.86	15.2	23.95	**22.08**	18.58	15.0	23.70	21.83	18.33	14.7	24.88	23.00	19.50	15.9
		kW	2.35	2.34	2.34	2.4	2.62	2.62	2.61	2.6	2.92	2.92	2.91	2.9	3.25	**3.24**	3.24	3.3	3.61	3.61	3.61	3.6	4.04	4.04	4.03	4.1
		Amps	8.95	8.94	8.92	9.0	10.19	10.18	10.16	10.3	11.57	11.56	11.54	11.6	13.07	**13.06**	13.04	13.1	14.74	14.73	14.71	14.8	16.71	16.70	16.67	16.8
		Hi PR	263	264	266	270.2	304	305	307	311.5	347	348	350	354.7	394	**395**	397	401.3	444	445	447	451.6	498	499	501	505.2
		Lo PR	126	128	131	136.4	134	136	139	144.1	141	142	145	150.8	146	**148**	151	156.5	152	153	157	162.0	159	160	164	169.0
	1150	MBh	35.3	35.8	36.8	38.4	35.0	35.5	36.5	38.1	34.1	34.5	35.6	37.2	32.5	**33.0**	34.0	35.6	30.6	31.1	32.1	33.7	28.8	29.3	30.4	32.0
		S/T	0.86	0.78	0.63	0.5	1.00	0.79	0.64	0.5	1.00	0.81	0.67	0.5	1.00	**0.83**	0.69	0.5	1.00	1.00	0.71	0.6	1.00	1.00	0.77	0.6
		ΔT	23.26	21.38	17.88	14.3	23.21	21.33	17.83	14.2	23.47	21.60	18.10	14.5	23.19	**21.31**	17.81	14.2	22.94	21.06	17.56	13.9	24.11	22.24	18.74	15.1
		kW	2.36	2.35	2.35	2.4	2.63	2.62	2.62	2.6	2.93	2.93	2.92	2.9	3.26	**3.25**	3.25	3.3	3.62	3.62	3.62	3.6	4.05	4.05	4.04	4.1
		Amps	8.99	8.98	8.96	9.1	10.23	10.22	10.20	10.3	11.62	11.61	11.58	11.7	13.11	**13.10**	13.08	13.2	14.79	14.78	14.76	14.9	16.75	16.74	16.72	16.8
		Hi PR	264	265	267	271.7	305	307	308	313.0	349	350	352	356.3	395	**396**	398	402.9	446	447	449	453.1	499	500	502	506.7
		Lo PR	128	129	132	137.7	135	137	140	145.4	142	144	147	152.1	148	**149**	152	157.8	153	155	158	163.3	160	162	165	170.3
	1350	MBh	36.1	36.6	37.6	39.2	35.8	36.2	37.3	38.9	34.8	35.3	36.4	38.0	33.3	**33.8**	34.8	36.4	31.4	31.9	32.9	34.5	29.6	30.1	31.2	32.7
		S/T	0.91	0.82	0.68	0.5	1.00	0.83	0.68	0.5	1.00	0.86	0.71	0.6	1.00	**0.88**	0.73	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.81	0.7
		ΔT	21.97	20.09	16.59	13.0	21.91	20.04	16.54	12.9	22.18	20.30	16.80	13.2	21.89	**20.02**	16.52	12.9	21.64	19.77	16.27	12.6	22.82	20.94	17.44	13.8
		kW	2.37	2.37	2.36	2.4	2.64	2.64	2.64	2.7	2.94	2.94	2.94	3.0	3.27	**3.27**	3.27	3.3	3.64	3.64	3.63	3.7	4.07	4.06	4.06	4.1
		Amps	9.07	9.06	9.03	9.1	10.30	10.30	10.27	10.4	11.69	11.68	11.66	11.8	13.19	**13.18**	13.16	13.3	14.86	14.85	14.83	14.9	16.82	16.81	16.79	16.9
		Hi PR	267	268	270	274.7	308	310	311	316.0	352	353	355	359.3	398	**399**	401	405.9	449	450	452	456.1	502	503	505	509.7
		Lo PR	131	132	135	140.7	138	140	143	148.3	145	146	150	155.0	151	**152**	155	160.7	156	158	161	166.2	163	165	168	173.2

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1050	MBh	35.1	35.6	36.7	38.2	34.8	35.3	36.3	37.9	33.9	34.4	35.4	37.0	32.3	32.8	33.9	35.5	30.4	30.9	32.0	33.6	28.7	29.2	30.2	31.8
		S/T	1.00	0.87	0.73	0.6	1.00	0.88	0.73	0.6	1.00	0.91	0.76	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.86	0.7
		ΔT	28.17	26.30	22.80	19.2	28.12	26.25	22.75	19.1	28.38	26.51	23.01	19.4	28.10	26.23	22.73	19.1	27.85	25.98	22.48	18.9	29.02	27.15	23.65	20.0
		kW	2.35	2.35	2.34	2.4	2.62	2.62	2.61	2.6	2.92	2.92	2.91	2.9	3.25	3.25	3.24	3.3	3.61	3.61	3.61	3.6	4.04	4.04	4.04	4.1
		Amps	8.96	8.95	8.92	9.0	10.19	10.19	10.16	10.3	11.58	11.57	11.55	11.6	13.08	13.07	13.05	13.1	14.75	14.74	14.72	14.8	16.71	16.70	16.68	16.8
		Hi PR	263	264	266	270.7	304	306	307	312.0	348	349	351	355.2	394	395	397	401.8	445	446	447	452.0	498	499	501	505.7
		Lo PR	127	128	132	137.0	135	136	139	144.6	141	143	146	151.3	147	148	152	157.0	152	154	157	162.6	159	161	164	169.5
	1150	MBh	35.5	35.9	37.0	38.6	35.1	35.6	36.7	38.3	34.2	34.7	35.8	37.4	32.7	33.2	**34.2**	35.8	30.8	31.2	32.3	33.9	29.0	29.5	30.5	32.1
		S/T	1.00	0.92	0.77	0.6	1.00	0.92	0.78	0.6	1.00	0.95	0.80	0.6	1.00	1.00	**0.82**	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.90	0.7
		ΔT	27.41	25.53	22.03	18.4	27.36	25.48	21.98	18.4	27.62	25.75	22.25	18.6	27.34	25.46	**21.96**	18.3	27.09	25.21	21.71	18.1	28.26	26.39	22.89	19.3
		kW	2.36	2.36	2.35	2.4	2.63	2.63	2.62	2.6	2.93	2.93	2.92	2.9	3.26	3.26	**3.25**	3.3	3.62	3.62	3.62	3.6	4.05	4.05	4.05	4.1
		Amps	9.00	8.99	8.97	9.1	10.24	10.23	10.21	10.3	11.62	11.61	11.59	11.7	13.12	13.11	**13.09**	13.2	14.79	14.78	14.76	14.9	16.76	16.75	16.72	16.8
		Hi PR	265	266	268	272.2	306	307	309	313.5	349	350	352	356.8	396	397	**399**	403.3	446	447	449	453.6	500	501	503	507.2
		Lo PR	128	130	133	138.3	136	137	141	146.0	143	144	147	152.7	148	150	**153**	158.3	154	155	159	163.9	161	162	165	170.8
	1350	MBh	36.2	36.7	37.8	39.4	35.9	36.4	37.5	39.1	35.0	35.5	36.6	38.1	33.5	34.0	35.0	36.6	31.6	32.0	33.1	34.7	29.8	30.3	31.3	32.9
		S/T	1.00	0.96	0.81	0.7	1.00	0.97	0.82	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.89	0.7	1.00	1.00	1.00	0.8
		ΔT	26.11	24.24	20.74	17.1	26.06	24.19	20.69	17.1	26.33	24.45	20.95	17.3	26.04	24.17	20.67	17.0	25.79	23.92	20.42	16.8	26.97	25.09	21.59	18.0
		kW	2.37	2.37	2.37	2.4	2.64	2.64	2.64	2.7	2.95	2.94	2.94	3.0	3.27	3.27	3.27	3.3	3.64	3.64	3.63	3.7	4.07	4.07	4.06	4.1
		Amps	9.07	9.06	9.04	9.1	10.31	10.30	10.28	10.4	11.70	11.69	11.66	11.8	13.19	13.18	13.16	13.3	14.87	14.86	14.83	14.9	16.83	16.82	16.80	16.9
		Hi PR	268	269	271	275.2	309	310	312	316.5	352	353	355	359.8	399	400	402	406.4	449	450	452	456.6	503	504	506	510.2
		Lo PR	131	133	136	141.2	139	140	144	148.9	145	147	150	155.6	151	153	156	161.2	157	158	161	166.8	164	165	168	173.8
85	1050	MBh	35.7	36.2	37.2	38.8	35.4	35.9	36.9	38.5	34.5	35.0	36.0	37.6	32.9	33.4	34.5	36.0	31.0	31.5	32.5	34.1	29.3	29.8	30.8	32.4
		S/T	1.00	0.98	0.84	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.89	0.7	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8
		ΔT	31.85	29.98	26.48	22.9	31.80	29.93	26.43	22.8	32.06	30.19	26.69	23.1	31.78	29.91	26.41	22.8	31.53	29.66	26.16	22.5	32.71	30.83	27.33	23.7
		kW	2.35	2.35	2.35	2.4	2.62	2.62	2.62	2.6	2.93	2.92	2.92	2.9	3.25	3.25	3.25	3.3	3.62	3.62	3.61	3.6	4.05	4.05	4.04	4.1
		Amps	8.98	8.97	8.95	9.0	10.22	10.21	10.19	10.3	11.60	11.59	11.57	11.7	13.10	13.09	13.07	13.2	14.77	14.76	14.74	14.8	16.74	16.73	16.71	16.8
		Hi PR	264	265	267	271.9	306	307	309	313.2	349	350	352	356.5	396	397	398	403.1	446	447	449	453.3	499	500	502	506.9
		Lo PR	129	130	134	138.9	136	138	141	146.5	143	145	148	153.2	149	150	154	158.9	154	156	159	164.5	161	163	166	171.4
	1150	MBh	36.0	36.5	37.6	39.2	35.7	36.2	37.3	38.8	34.8	35.3	36.3	37.9	33.3	33.7	34.8	36.4	31.3	31.8	32.9	34.5	29.6	30.1	31.1	32.7
		S/T	1.00	1.00	0.88	0.7	1.00	1.00	0.89	0.7	1.00	1.00	0.91	0.8	1.00	1.00	0.93	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.9
		ΔT	31.09	29.21	25.71	22.1	31.04	29.16	25.66	22.0	31.30	29.43	25.93	22.3	31.02	29.14	25.64	22.0	30.77	28.89	25.39	21.8	31.94	30.07	26.57	22.9
		kW	2.36	2.36	2.36	2.4	2.63	2.63	2.63	2.6	2.94	2.93	2.93	2.9	3.26	3.26	3.26	3.3	3.63	3.63	3.62	3.6	4.06	4.06	4.05	4.1
		Amps	9.02	9.01	8.99	9.1	10.26	10.25	10.23	10.3	11.65	11.64	11.61	11.7	13.14	13.13	13.11	13.2	14.82	14.81	14.79	14.9	16.78	16.77	16.75	16.8
		Hi PR	266	267	269	273.4	307	308	310	314.7	350	352	353	358.0	397	398	400	404.6	447	448	450	454.8	501	502	504	508.4
		Lo PR	130	132	135	140.2	138	139	142	147.8	144	146	149	154.5	150	152	155	160.2	156	157	160	165.8	163	164	167	172.7
	1350	MBh	36.8	37.3	38.4	39.9	36.5	37.0	38.1	39.6	35.6	36.1	37.1	38.7	34.0	34.5	35.6	37.2	32.1	32.6	33.7	35.3	30.4	30.9	31.9	33.5
		S/T	1.00	1.00	0.92	0.8	1.00	1.00	0.93	0.8	1.00	1.00	0.96	0.8	1.00	1.00	0.98	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.9
		ΔT	29.80	27.92	24.42	20.8	29.74	27.87	24.37	20.7	30.01	28.13	24.63	21.0	29.72	27.85	24.35	20.7	29.47	27.60	24.10	20.5	30.65	28.77	25.27	21.6
		kW	2.38	2.38	2.37	2.4	2.65	2.65	2.64	2.7	2.95	2.95	2.94	3.0	3.28	3.28	3.27	3.3	3.64	3.64	3.64	3.7	4.07	4.07	4.07	4.1
		Amps	9.10	9.09	9.06	9.2	10.34	10.33	10.30	10.4	11.72	11.71	11.69	11.8	13.22	13.21	13.19	13.3	14.89	14.88	14.86	15.0	16.85	16.84	16.82	16.9
		Hi PR	269	270	272	276.4	310	311	313	317.7	353	355	356	361.0	400	401	403	407.6	450	451	453	457.8	504	505	507	511.4
		Lo PR	133	135	138	143.1	141	142	145	150.8	147	149	152	157.5	153	155	158	163.1	159	160	163	168.7	166	167	170	175.6

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions.

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1300	MBh	41.2	41.8	43.0	-	40.9	41.4	42.7	-	39.8	40.4	41.6	-	38.0	38.5	39.8	-	35.7	36.3	37.5	-	33.7	34.3	35.5	-
		S/T	0.68	0.60	0.46	-	0.69	0.61	0.47	-	0.71	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.68	0.54	-	1.00	0.73	0.59	-
		ΔT	20.00	18.04	14.38	-	19.94	17.99	14.33	-	20.22	18.26	14.60	-	19.92	17.96	14.31	-	19.66	17.70	14.05	-	20.89	18.93	15.27	-
		kW	2.73	2.72	2.72	-	3.05	3.05	3.04	-	3.42	3.41	3.41	-	3.81	3.81	3.80	-	4.25	4.25	4.24	-	4.77	4.77	4.76	-
		Amps	10.44	10.43	10.41	-	11.94	11.93	11.90	-	13.61	13.59	13.57	-	15.41	15.40	15.37	-	17.43	17.42	17.39	-	19.79	19.78	19.76	-
		Hi PR	274	275	277	-	317	318	320	-	362	363	365	-	411	412	414	-	463	464	466	-	518	520	522	-
		Lo PR	127	128	132	-	134	136	139	-	141	143	146	-	147	148	151	-	152	154	157	-	159	161	164	-
	1400	MBh	41.6	42.2	43.4	-	41.2	41.8	43.0	-	40.2	40.8	42.0	-	38.4	38.9	40.1	-	36.1	36.7	37.9	-	34.1	34.7	35.9	-
		S/T	0.70	0.63	0.49	-	0.71	0.63	0.49	-	0.74	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.75	0.61	-
		ΔT	19.37	17.41	13.75	-	19.31	17.36	13.70	-	19.59	17.63	13.97	-	19.29	17.34	13.68	-	19.03	17.07	13.42	-	20.26	18.30	14.64	-
		kW	2.74	2.73	2.73	-	3.06	3.06	3.05	-	3.43	3.42	3.42	-	3.82	3.82	3.81	-	4.26	4.26	4.25	-	4.78	4.78	4.77	-
		Amps	10.48	10.47	10.45	-	11.98	11.97	11.94	-	13.65	13.63	13.61	-	15.45	15.44	15.41	-	17.47	17.46	17.43	-	19.83	19.82	19.80	-
		Hi PR	276	277	279	-	319	320	322	-	364	365	367	-	412	413	415	-	464	465	467	-	520	521	523	-
		Lo PR	128	130	133	-	136	137	140	-	142	144	147	-	148	150	153	-	154	155	158	-	160	162	165	-
	1575	MBh	42.4	43.0	44.2	-	42.0	42.6	43.8	-	41.0	41.5	42.8	-	39.1	39.7	40.9	-	36.9	37.5	38.7	-	34.9	35.4	36.7	-
		S/T	0.72	0.65	0.51	-	0.73	0.65	0.51	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.72	0.58	-	1.00	1.00	0.64	-
		ΔT	18.38	16.42	12.76	-	18.33	16.37	12.71	-	18.60	16.64	12.99	-	18.31	16.35	12.69	-	18.05	16.09	12.43	-	19.27	17.31	13.66	-
		kW	2.75	2.75	2.74	-	3.08	3.07	3.07	-	3.44	3.44	3.43	-	3.83	3.83	3.83	-	4.28	4.27	4.27	-	4.79	4.79	4.78	-
		Amps	10.55	10.54	10.51	-	12.04	12.03	12.00	-	13.71	13.70	13.67	-	15.52	15.50	15.48	-	17.53	17.52	17.50	-	19.90	19.89	19.86	-
		Hi PR	278	279	281	-	321	322	324	-	366	367	369	-	414	416	417	-	467	468	470	-	522	523	525	-
		Lo PR	130	132	135	-	138	140	143	-	145	146	149	-	150	152	155	-	156	157	161	-	163	164	168	-
75	1300	MBh	41.3	41.8	43.0	44.9	40.9	41.5	42.7	44.5	39.8	40.4	41.6	43.5	38.0	**38.6**	39.8	41.6	35.8	36.3	37.6	39.4	33.7	34.3	35.5	37.4
		S/T	0.81	0.73	0.60	0.4	1.00	0.74	0.60	0.5	1.00	0.77	0.63	0.5	1.00	**0.79**	0.65	0.5	1.00	0.81	0.67	0.5	1.00	1.00	0.72	0.6
		ΔT	24.30	22.35	18.69	14.9	24.25	22.29	18.63	14.8	24.53	22.57	18.91	15.1	24.23	**22.27**	18.61	14.8	23.97	22.01	18.35	14.6	25.20	23.24	19.58	15.8
		kW	2.72	2.72	2.72	2.7	3.05	3.05	3.04	3.1	3.42	3.41	3.41	3.4	3.81	**3.81**	3.80	3.8	4.25	4.25	4.24	4.3	4.77	4.76	4.76	4.8
		Amps	10.43	10.42	10.40	10.5	11.93	11.92	11.89	12.0	13.60	13.58	13.56	13.7	15.40	**15.39**	15.36	15.5	17.42	17.41	17.38	17.5	19.78	19.77	19.75	19.9
		Hi PR	275	276	278	282.3	317	319	321	325.3	362	364	365	370.2	411	**412**	414	418.6	463	464	466	470.8	519	520	522	526.5
		Lo PR	127	128	132	136.9	134	136	139	144.5	141	143	146	151.2	147	**148**	152	156.8	152	154	157	162.4	159	161	164	169.3
	1400	MBh	41.6	42.2	43.4	45.3	41.3	41.8	43.1	44.9	40.2	40.8	42.0	43.9	38.4	39.0	40.2	42.0	36.1	36.7	37.9	39.8	34.1	34.7	35.9	37.8
		S/T	0.84	0.76	0.62	0.5	1.00	0.76	0.63	0.5	1.00	0.79	0.65	0.5	1.00	**0.81**	0.67	0.5	1.00	1.00	0.69	0.5	1.00	1.00	0.75	0.6
		ΔT	23.67	21.72	18.06	14.3	23.62	21.66	18.00	14.2	23.90	21.94	18.28	14.5	23.60	**21.64**	17.98	14.2	23.34	21.38	17.72	13.9	24.57	22.61	18.95	15.2
		kW	2.73	2.73	2.72	2.7	3.06	3.06	3.05	3.1	3.42	3.42	3.42	3.4	3.82	**3.82**	3.81	3.8	4.26	4.26	4.25	4.3	4.78	4.77	4.77	4.8
		Amps	10.47	10.46	10.44	10.6	11.97	11.96	11.93	12.0	13.64	13.62	13.60	13.7	15.44	**15.43**	15.40	15.5	17.46	17.45	17.42	17.5	19.82	19.81	19.79	19.9
		Hi PR	276	277	279	283.7	319	320	322	326.6	364	365	367	371.6	412	**413**	415	420.0	464	466	467	472.2	520	521	523	527.9
		Lo PR	128	130	133	138.2	136	137	140	145.8	142	144	147	152.4	148	**150**	153	158.1	154	155	158	163.6	160	162	165	170.5
	1575	MBh	42.4	43.0	44.2	46.1	42.1	42.6	43.8	45.7	41.0	41.6	42.8	44.6	39.2	**39.7**	40.9	42.8	36.9	37.5	38.7	40.6	34.9	35.5	36.7	38.5
		S/T	0.86	0.78	0.64	0.5	1.00	0.78	0.65	0.5	1.00	0.81	0.67	0.5	1.00	**0.83**	0.69	0.5	1.00	1.00	0.71	0.6	1.00	1.00	0.77	0.6
		ΔT	22.69	20.73	17.07	13.3	22.63	20.68	17.02	13.2	22.91	20.95	17.29	13.5	22.61	**20.66**	17.00	13.2	22.35	20.39	16.74	12.9	23.58	21.62	17.96	14.2
		kW	2.75	2.74	2.74	2.8	3.07	3.07	3.07	3.1	3.44	3.44	3.43	3.5	3.83	**3.83**	3.82	3.8	4.27	4.27	4.27	4.3	4.79	4.79	4.78	4.8
		Amps	10.54	10.53	10.50	10.6	12.03	12.02	12.00	12.1	13.70	13.69	13.66	13.8	15.51	**15.49**	15.47	15.6	17.52	17.51	17.49	17.6	19.89	19.88	19.85	20.0
		Hi PR	278	280	281	286.2	321	322	324	329.1	366	367	369	374.0	415	**416**	418	422.4	467	468	470	474.6	523	524	526	530.3
		Lo PR	130	132	135	140.5	138	140	143	148.2	145	146	149	154.8	150	**152**	155	160.4	156	157	161	166.0	163	164	168	172.9

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1300	MBh	41.5	42.0	43.3	45.1	41.1	41.7	42.9	44.7	40.0	40.6	41.8	43.7	38.2	38.8	40.0	41.9	36.0	36.5	37.8	39.6	33.9	34.5	35.7	37.6
		S/T	1.00	0.86	0.72	0.6	1.00	0.87	0.73	0.6	1.00	0.89	0.75	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.85	0.7
		ΔT	28.64	26.68	23.02	19.2	28.59	26.63	22.97	19.2	28.86	26.90	23.25	19.5	28.57	26.61	22.95	19.2	28.31	26.35	22.69	18.9	29.53	27.57	23.92	20.1
		kW	2.73	2.72	2.72	2.7	3.05	3.05	3.04	3.1	3.42	3.41	3.41	3.4	3.81	3.81	3.80	3.8	4.25	4.25	4.24	4.3	4.77	4.77	4.76	4.8
		Amps	10.44	10.43	10.40	10.5	11.94	11.92	11.90	12.0	13.60	13.59	13.57	13.7	15.41	15.40	15.37	15.5	17.43	17.41	17.39	17.5	19.79	19.78	19.75	19.9
		Hi PR	275	276	278	282.8	318	319	321	325.8	363	364	366	370.7	411	412	414	419.1	463	465	467	471.3	519	520	522	527.0
		Lo PR	127	129	132	137.5	135	137	140	145.1	142	143	146	151.8	147	149	152	157.4	153	154	158	162.9	160	161	165	169.8
	1400	MBh	41.8	42.4	43.6	45.5	41.5	42.1	43.3	45.1	40.4	41.0	42.2	44.1	38.6	39.2	40.4	42.2	36.4	36.9	38.1	40.0	34.3	34.9	36.1	38.0
		S/T	1.00	0.89	0.75	0.6	1.00	0.89	0.75	0.6	1.00	0.92	0.78	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.87	0.7
		ΔT	28.01	26.05	22.39	18.6	27.96	26.00	22.34	18.6	28.23	26.27	22.62	18.8	27.94	25.98	22.32	18.5	27.68	25.72	22.06	18.3	28.90	26.94	23.29	19.5
		kW	2.73	2.73	2.73	2.8	3.06	3.06	3.05	3.1	3.43	3.42	3.42	3.4	3.82	3.82	3.81	3.8	4.26	4.26	4.25	4.3	4.78	4.78	4.77	4.8
		Amps	10.48	10.47	10.44	10.6	11.98	11.96	11.94	12.1	13.64	13.63	13.61	13.7	15.45	15.44	15.41	15.5	17.47	17.45	17.43	17.5	19.83	19.82	19.80	19.9
		Hi PR	276	278	279	284.2	319	320	322	327.1	364	365	367	372.1	413	414	416	420.5	465	466	468	472.7	521	522	524	528.4
		Lo PR	129	130	133	138.7	136	138	141	146.3	143	144	148	153.0	149	150	153	158.6	154	156	159	164.1	161	163	166	171.1
	1575	MBh	42.6	43.2	44.4	46.3	42.3	42.8	44.1	45.9	41.2	41.8	43.0	44.8	39.4	39.9	41.2	43.0	37.1	37.7	38.9	40.8	35.1	35.7	36.9	38.7
		S/T	1.00	0.91	0.77	0.6	1.00	0.91	0.77	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	1.00	0.7
		ΔT	27.02	25.07	21.41	17.6	26.97	25.01	21.35	17.6	27.25	25.29	21.63	17.8	26.95	24.99	21.33	17.5	26.69	24.73	21.07	17.3	27.92	25.96	22.30	18.5
		kW	2.75	2.75	2.74	2.8	3.08	3.07	3.07	3.1	3.44	3.44	3.43	3.5	3.83	3.83	3.83	3.9	4.27	4.27	4.27	4.3	4.79	4.79	4.78	4.8
		Amps	10.55	10.53	10.51	10.6	12.04	12.03	12.00	12.1	13.71	13.70	13.67	13.8	15.51	15.50	15.48	15.6	17.53	17.52	17.49	17.6	19.90	19.89	19.86	20.0
		Hi PR	279	280	282	286.7	322	323	325	329.6	367	368	370	374.5	415	416	418	423.0	467	468	470	475.1	523	524	526	530.8
		Lo PR	131	133	136	141.1	139	140	143	148.7	145	147	150	155.4	151	152	156	161.0	156	158	161	166.5	163	165	168	173.5
85	1300	MBh	42.2	42.7	43.9	45.8	41.8	42.4	43.6	45.4	40.7	41.3	42.5	44.4	38.9	39.5	40.7	42.5	36.7	37.2	38.5	40.3	34.6	35.2	36.4	38.3
		S/T	1.00	0.96	0.83	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.88	0.7	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8
		ΔT	32.49	30.53	26.87	23.1	32.43	30.47	26.82	23.0	32.71	30.75	27.09	23.3	32.41	30.45	26.80	23.0	32.15	30.19	26.53	22.7	33.38	31.42	27.76	24.0
		kW	2.73	2.73	2.72	2.7	3.06	3.06	3.05	3.1	3.42	3.42	3.41	3.4	3.82	3.81	3.81	3.8	4.26	4.26	4.25	4.3	4.78	4.77	4.77	4.8
		Amps	10.47	10.46	10.43	10.5	11.96	11.95	11.93	12.0	13.63	13.62	13.59	13.7	15.44	15.43	15.40	15.5	17.45	17.44	17.42	17.5	19.82	19.81	19.78	19.9
		Hi PR	276	277	279	284.1	319	320	322	327.0	364	365	367	372.0	413	414	416	420.4	465	466	468	472.6	520	522	524	528.3
		Lo PR	129	131	134	139.4	137	138	142	147.0	144	145	148	153.6	149	151	154	159.3	155	156	159	164.8	162	163	166	171.7
	1400	MBh	42.5	43.1	44.3	46.2	42.2	42.7	44.0	45.8	41.1	41.7	42.9	44.8	39.3	39.9	41.1	42.9	37.0	37.6	38.8	40.7	35.0	35.6	36.8	38.6
		S/T	1.00	0.99	0.85	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.90	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8
		ΔT	31.86	29.90	26.24	22.5	31.80	29.84	26.19	22.4	32.08	30.12	26.46	22.7	31.78	29.82	26.17	22.4	31.52	29.56	25.90	22.1	32.75	30.79	27.13	23.3
		kW	2.74	2.74	2.73	2.8	3.07	3.06	3.06	3.1	3.43	3.43	3.42	3.4	3.83	3.82	3.82	3.8	4.27	4.26	4.26	4.3	4.78	4.78	4.78	4.8
		Amps	10.51	10.50	10.47	10.6	12.00	11.99	11.97	12.1	13.67	13.66	13.64	13.7	15.48	15.47	15.44	15.6	17.49	17.48	17.46	17.6	19.86	19.85	19.82	19.9
		Hi PR	278	279	281	285.5	321	322	324	328.4	366	367	369	373.4	414	415	417	421.8	466	467	469	474.0	522	523	525	529.7
		Lo PR	131	132	135	140.6	138	140	143	148.2	145	146	150	154.9	150	152	155	160.5	156	158	161	166.0	163	164	168	172.9
	1575	MBh	43.3	43.9	45.1	47.0	42.9	43.5	44.7	46.6	41.9	42.5	43.7	45.5	40.1	40.6	41.8	43.7	37.8	38.4	39.6	41.5	35.8	36.4	37.6	39.4
		S/T	1.00	1.00	0.87	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.90	0.8	1.00	1.00	0.92	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.9
		ΔT	30.87	28.91	25.25	21.5	30.82	28.86	25.20	21.4	31.09	29.13	25.48	21.7	30.80	28.84	25.18	21.4	30.53	28.58	24.92	21.1	31.76	29.80	26.14	22.4
		kW	2.76	2.75	2.75	2.8	3.08	3.08	3.07	3.1	3.45	3.44	3.44	3.5	3.84	3.84	3.83	3.9	4.28	4.28	4.27	4.3	4.80	4.80	4.79	4.8
		Amps	10.57	10.56	10.54	10.7	12.07	12.06	12.03	12.1	13.74	13.73	13.70	13.8	15.54	15.53	15.50	15.6	17.56	17.55	17.52	17.6	19.93	19.91	19.89	20.0
		Hi PR	280	281	283	287.9	323	324	326	330.9	368	369	371	375.8	416	418	419	424.2	469	470	472	476.4	524	525	527	532.1
		Lo PR	133	134	138	143.0	141	142	145	150.6	147	149	152	157.2	153	154	158	162.9	158	160	163	168.4	165	167	170	175.3

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions.

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1400	MBh	47.3	47.9	49.3	-	46.8	47.5	48.9	-	45.6	46.3	47.7	-	43.5	44.2	45.6	-	40.9	41.6	43.0	-	38.5	39.2	40.6	-
		S/T	0.65	0.57	0.43	-	0.66	0.58	0.44	-	0.68	0.60	0.46	-	1.00	0.62	0.48	-	1.00	0.65	0.51	-	1.00	0.70	0.56	-
		ΔT	19.64	17.79	14.33	-	19.59	17.74	14.28	-	19.85	18.00	14.54	-	19.57	17.72	14.26	-	19.33	17.47	14.01	-	20.49	18.63	15.17	-
		kW	3.21	3.21	3.20	-	3.57	3.56	3.56	-	3.96	3.96	3.95	-	4.39	4.39	4.38	-	4.87	4.87	4.86	-	5.44	5.43	5.43	-
		Amps	11.41	11.40	11.37	-	13.04	13.03	13.00	-	14.85	14.84	14.81	-	16.82	16.81	16.78	-	19.02	19.00	18.97	-	21.59	21.58	21.55	-
		Hi PR	265	266	268	-	307	308	310	-	351	352	354	-	398	399	401	-	449	450	452	-	503	504	506	-
		Lo PR	126	128	131	-	134	136	139	-	141	142	146	-	146	148	151	-	152	154	157	-	159	161	164	-
	1525	MBh	47.7	48.3	49.7	-	47.3	47.9	49.3	-	46.0	46.7	48.1	-	43.9	44.6	46.0	-	41.3	42.0	43.4	-	39.0	39.6	41.0	-
		S/T	0.69	0.61	0.47	-	0.69	0.61	0.47	-	0.72	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.74	0.60	-
		ΔT	18.93	17.08	13.62	-	18.88	17.03	13.57	-	19.14	17.29	13.83	-	18.87	17.01	13.55	-	18.62	16.76	13.30	-	19.78	17.92	14.46	-
		kW	3.22	3.22	3.21	-	3.58	3.58	3.57	-	3.98	3.97	3.97	-	4.40	4.40	4.40	-	4.88	4.88	4.88	-	5.45	5.44	5.44	-
		Amps	11.46	11.45	11.42	-	13.09	13.08	13.05	-	14.91	14.90	14.87	-	16.87	16.86	16.83	-	19.07	19.06	19.03	-	21.64	21.63	21.60	-
		Hi PR	267	268	270	-	309	310	312	-	352	353	355	-	399	401	402	-	450	451	453	-	504	505	507	-
		Lo PR	128	129	132	-	135	137	140	-	142	144	147	-	148	149	152	-	153	155	158	-	160	162	165	-
	1800	MBh	48.8	49.5	50.9	-	48.4	49.0	50.4	-	47.1	47.8	49.2	-	45.0	45.7	47.1	-	42.4	43.1	44.5	-	40.1	40.7	42.2	-
		S/T	0.73	0.65	0.51	-	0.74	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.73	0.59	-	1.00	1.00	0.64	-
		ΔT	17.61	15.76	12.29	-	17.56	15.71	12.24	-	17.82	15.97	12.50	-	17.54	15.69	12.22	-	17.29	15.44	11.98	-	18.46	16.60	13.14	-
		kW	3.24	3.24	3.24	-	3.60	3.60	3.59	-	4.00	3.99	3.99	-	4.43	4.42	4.42	-	4.91	4.90	4.90	-	5.47	5.47	5.46	-
		Amps	11.56	11.55	11.52	-	13.19	13.18	13.15	-	15.01	14.99	14.97	-	16.97	16.96	16.93	-	19.17	19.16	19.13	-	21.74	21.73	21.70	-
		Hi PR	270	271	273	-	312	313	315	-	355	357	358	-	403	404	406	-	453	454	456	-	507	509	510	-
		Lo PR	131	132	135	-	138	140	143	-	145	147	150	-	151	152	155	-	156	158	161	-	163	165	168	-
75	1400	MBh	47.3	47.9	49.4	51.5	46.9	47.5	48.9	51.1	45.6	46.3	47.7	49.8	43.5	**44.2**	45.6	47.7	40.9	41.6	43.0	45.2	38.6	39.2	40.6	42.8
		S/T	0.78	0.70	0.56	0.4	1.00	0.71	0.57	0.4	1.00	0.74	0.60	0.4	1.00	**0.76**	0.62	0.5	1.00	0.78	0.64	0.5	1.00	1.00	0.69	0.5
		ΔT	23.72	21.87	18.40	14.8	23.67	21.82	18.35	14.8	23.93	22.08	18.61	15.0	23.65	**21.80**	18.33	14.7	23.40	21.55	18.09	14.5	24.57	22.71	19.25	15.7
		kW	3.21	3.21	3.20	3.2	3.56	3.56	3.56	3.6	3.96	3.96	3.95	4.0	4.39	**4.39**	4.38	4.4	4.87	4.87	4.86	4.9	5.43	5.43	5.42	5.5
		Amps	11.40	11.39	11.36	11.5	13.03	13.02	12.99	13.1	14.84	14.83	14.80	14.9	16.81	**16.80**	16.77	16.9	19.00	18.99	18.96	19.1	21.58	21.57	21.54	21.7
		Hi PR	266	267	269	273.2	307	308	310	314.9	351	352	354	358.7	398	**399**	401	405.8	449	450	452	456.5	503	504	506	510.7
		Lo PR	126	128	131	136.5	134	136	139	144.2	141	142	146	150.9	146	**148**	151	156.6	152	154	157	162.1	159	161	164	169.1
	1525	MBh	47.7	48.4	49.8	51.9	47.3	47.9	49.3	51.5	46.0	46.7	48.1	50.3	43.9	**44.6**	46.0	48.2	41.4	42.0	43.4	45.6	39.0	39.7	41.1	43.2
		S/T	0.82	0.74	0.60	0.5	1.00	0.75	0.61	0.5	1.00	0.77	0.63	0.5	1.00	**0.79**	0.65	0.5	1.00	1.00	0.68	0.5	1.00	1.00	0.73	0.6
		ΔT	23.01	21.16	17.70	14.1	22.96	21.11	17.64	14.1	23.22	21.37	17.91	14.3	22.94	**21.09**	17.63	14.0	22.70	20.84	17.38	13.8	23.86	22.00	18.54	15.0
		kW	3.22	3.22	3.21	3.2	3.58	3.57	3.57	3.6	3.97	3.97	3.96	4.0	4.40	**4.40**	4.39	4.4	4.88	4.88	4.87	4.9	5.44	5.44	5.44	5.5
		Amps	11.45	11.44	11.41	11.5	13.08	13.07	13.04	13.2	14.90	14.88	14.86	15.0	16.86	**16.85**	16.82	16.9	19.06	19.05	19.02	19.1	21.63	21.62	21.59	21.7
		Hi PR	267	268	270	274.6	309	310	312	316.4	353	354	356	360.1	400	**401**	403	407.2	450	452	453	458.0	505	506	508	512.2
		Lo PR	128	129	132	137.8	135	137	140	145.4	142	144	147	152.1	148	**149**	152	157.8	153	155	158	163.4	160	162	165	170.3
	1800	MBh	48.8	49.5	50.9	53.0	48.4	49.1	50.5	52.6	47.2	47.8	49.2	51.4	45.1	**45.7**	47.1	49.3	42.5	43.1	44.5	46.7	40.1	40.8	42.2	44.3
		S/T	0.86	0.78	0.64	0.5	1.00	0.79	0.65	0.5	1.00	0.82	0.68	0.5	1.00	**0.84**	0.70	0.5	1.00	1.00	0.72	0.6	1.00	1.00	0.77	0.6
		ΔT	21.69	19.83	16.37	12.8	21.64	19.78	16.32	12.7	21.90	20.04	16.58	13.0	21.62	**19.76**	16.30	12.7	21.37	19.52	16.05	12.5	22.53	20.68	17.22	13.6
		kW	3.24	3.24	3.23	3.3	3.60	3.59	3.59	3.6	3.99	3.99	3.99	4.0	4.42	**4.42**	4.42	4.4	4.90	4.90	4.89	4.9	5.47	5.46	5.46	5.5
		Amps	11.55	11.54	11.51	11.6	13.18	13.17	13.14	13.3	15.00	14.98	14.96	15.1	16.96	**16.95**	16.92	17.0	19.16	19.14	19.12	19.2	21.73	21.72	21.69	21.8
		Hi PR	270	271	273	277.8	312	313	315	319.5	356	357	359	363.3	403	**404**	406	410.4	454	455	457	461.1	508	509	511	515.3
		Lo PR	131	132	135	140.8	138	140	143	148.5	145	147	150	155.2	151	**152**	155	160.8	156	158	161	166.4	163	165	168	173.4

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1400	MBh	47.5	48.2	49.6	51.7	47.1	47.8	49.2	51.3	45.9	46.5	47.9	50.1	43.8	44.4	45.8	48.0	41.2	41.8	43.2	45.4	38.8	39.5	40.9	43.0
		S/T	1.00	0.83	0.69	0.5	1.00	0.84	0.70	0.6	1.00	0.87	0.73	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.82	0.7
		ΔT	27.83	25.97	22.51	18.9	27.78	25.92	22.46	18.9	28.04	26.18	22.72	19.1	27.76	25.90	22.44	18.9	27.51	25.66	22.19	18.6	28.67	26.82	23.35	19.8
		kW	3.21	3.21	3.20	3.2	3.57	3.56	3.56	3.6	3.96	3.96	3.95	4.0	4.39	4.39	4.38	4.4	4.87	4.87	4.86	4.9	5.44	5.43	5.43	5.5
		Amps	11.41	11.40	11.37	11.5	13.04	13.02	13.00	13.1	14.85	14.84	14.81	14.9	16.82	16.80	16.78	16.9	19.01	19.00	18.97	19.1	21.59	21.58	21.55	21.7
		Hi PR	266	267	269	273.7	308	309	311	315.4	352	353	355	359.2	399	400	402	406.2	449	451	452	457.0	504	505	507	511.2
		Lo PR	127	129	132	137.1	135	136	139	144.8	141	143	146	151.5	147	149	152	157.1	153	154	157	162.7	160	161	164	169.6
	1525	MBh	47.9	48.6	50.0	52.2	47.5	48.2	49.6	51.7	46.3	47.0	48.4	50.5	44.2	44.8	**46.2**	48.4	41.6	42.3	43.7	45.8	39.2	39.9	41.3	43.5
		S/T	1.00	0.87	0.73	0.6	1.00	0.88	0.74	0.6	1.00	0.90	0.76	0.6	1.00	1.00	**0.78**	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.86	0.7
		ΔT	27.12	25.26	21.80	18.2	27.07	25.21	21.75	18.2	27.33	25.47	22.01	18.4	27.05	25.19	**21.73**	18.1	26.80	24.95	21.48	17.9	27.96	26.11	22.64	19.1
		kW	3.22	3.22	3.21	3.2	3.58	3.58	3.57	3.6	3.97	3.97	3.97	4.0	4.40	4.40	**4.40**	4.4	4.88	4.88	4.88	4.9	5.45	5.44	5.44	5.5
		Amps	11.46	11.45	11.42	11.5	13.09	13.08	13.05	13.2	14.91	14.89	14.87	15.0	16.87	16.86	**16.83**	17.0	19.07	19.05	19.03	19.2	21.64	21.63	21.60	21.7
		Hi PR	268	269	271	275.1	309	310	312	316.9	353	354	356	360.6	400	401	**403**	407.7	451	452	454	458.5	505	506	508	512.7
		Lo PR	128	130	133	138.3	136	137	141	146.0	143	144	147	152.7	148	150	**153**	158.4	154	155	159	163.9	161	162	166	170.9
	1800	MBh	49.1	49.7	51.1	53.3	48.6	49.3	50.7	52.9	47.4	48.1	49.5	51.6	45.3	46.0	47.4	49.5	42.7	43.4	44.8	46.9	40.4	41.0	42.4	44.6
		S/T	1.00	0.91	0.77	0.6	1.00	0.92	0.78	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	1.00	0.8
		ΔT	25.80	23.94	20.48	16.9	25.74	23.89	20.43	16.8	26.01	24.15	20.69	17.1	25.73	23.87	20.41	16.8	25.48	23.62	20.16	16.6	26.64	24.78	21.32	17.7
		kW	3.24	3.24	3.24	3.3	3.60	3.60	3.59	3.6	4.00	3.99	3.99	4.0	4.43	4.42	4.42	4.4	4.91	4.90	4.90	4.9	5.47	5.47	5.46	5.5
		Amps	11.56	11.55	11.52	11.6	13.19	13.18	13.15	13.3	15.00	14.99	14.96	15.1	16.97	16.96	16.93	17.1	19.17	19.15	19.13	19.2	21.74	21.73	21.70	21.8
		Hi PR	271	272	274	278.3	312	314	315	320.0	356	357	359	363.8	403	404	406	410.9	454	455	457	461.6	508	509	511	515.8
		Lo PR	131	133	136	141.4	139	140	144	149.0	146	147	150	155.7	151	153	156	161.4	157	158	162	167.0	164	165	169	173.9
85	1400	MBh	48.3	49.0	50.4	52.5	47.9	48.6	50.0	52.1	46.7	47.3	48.7	50.9	44.6	45.2	46.6	48.8	42.0	42.6	44.0	46.2	39.6	40.3	41.7	43.8
		S/T	1.00	0.94	0.80	0.7	1.00	1.00	0.80	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8
		ΔT	31.47	29.61	26.15	22.6	31.42	29.56	26.10	22.5	31.68	29.82	26.36	22.8	31.40	29.54	26.08	22.5	31.15	29.30	25.83	22.2	32.31	30.46	26.99	23.4
		kW	3.22	3.21	3.21	3.2	3.57	3.57	3.56	3.6	3.97	3.97	3.96	4.0	4.40	4.40	4.39	4.4	4.88	4.88	4.87	4.9	5.44	5.44	5.43	5.5
		Amps	11.44	11.43	11.40	11.5	13.07	13.05	13.03	13.2	14.88	14.87	14.84	15.0	16.85	16.84	16.81	16.9	19.04	19.03	19.00	19.1	21.62	21.61	21.58	21.7
		Hi PR	267	268	270	274.9	309	310	312	316.7	353	354	356	360.4	400	401	403	407.5	451	452	454	458.3	505	506	508	512.4
		Lo PR	129	130	134	139.0	137	138	141	146.6	143	145	148	153.3	149	150	154	159.0	154	156	159	164.6	161	163	166	171.5
	1525	MBh	48.7	49.4	50.8	53.0	48.3	49.0	50.4	52.5	47.1	47.8	49.2	51.3	45.0	45.6	47.0	49.2	42.4	43.1	44.5	46.6	40.0	40.7	42.1	44.2
		S/T	1.00	0.97	0.83	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.89	0.7	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8
		ΔT	30.76	28.91	25.44	21.9	30.71	28.85	25.39	21.8	30.97	29.12	25.65	22.1	30.69	28.84	25.37	21.8	30.44	28.59	25.12	21.5	31.60	29.75	26.29	22.7
		kW	3.23	3.23	3.22	3.2	3.58	3.58	3.58	3.6	3.98	3.98	3.97	4.0	4.41	4.41	4.40	4.4	4.89	4.89	4.88	4.9	5.45	5.45	5.44	5.5
		Amps	11.49	11.48	11.45	11.6	13.12	13.11	13.08	13.2	14.94	14.92	14.90	15.0	16.90	16.89	16.86	17.0	19.10	19.09	19.06	19.2	21.67	21.66	21.63	21.8
		Hi PR	269	270	272	276.4	311	312	314	318.1	354	355	357	361.9	401	402	404	408.9	452	453	455	459.7	506	507	509	513.9
		Lo PR	130	132	135	140.2	138	139	143	147.9	144	146	149	154.6	150	152	155	160.2	156	157	160	165.8	163	164	167	172.8
	1800	MBh	49.9	50.5	51.9	54.1	49.4	50.1	51.5	53.6	48.2	48.9	50.3	52.4	46.1	46.8	48.2	50.3	43.5	44.2	45.6	47.7	41.1	41.8	43.2	45.4
		S/T	1.00	1.00	0.88	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.91	0.8	1.00	1.00	0.93	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.9
		ΔT	29.44	27.58	24.12	20.5	29.39	27.53	24.07	20.5	29.65	27.79	24.33	20.7	29.37	27.51	24.05	20.5	29.12	27.26	23.80	20.2	30.28	28.43	24.96	21.4
		kW	3.25	3.25	3.24	3.3	3.61	3.60	3.60	3.6	4.00	4.00	3.99	4.0	4.43	4.43	4.42	4.5	4.91	4.91	4.90	4.9	5.48	5.47	5.47	5.5
		Amps	11.59	11.58	11.55	11.7	13.22	13.21	13.18	13.3	15.04	15.02	15.00	15.1	17.00	16.99	16.96	17.1	19.20	19.18	19.16	19.3	21.77	21.76	21.73	21.9
		Hi PR	272	273	275	279.5	314	315	317	321.3	357	359	360	365.0	404	406	407	412.1	455	456	458	462.9	509	511	512	517.1
		Lo PR	133	135	138	143.3	141	142	146	150.9	147	149	152	157.6	153	155	158	163.3	159	160	163	168.8	166	167	170	175.8

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions.

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

			OUTDOOR AMBIENT TEMPERATURE																							
			65				75				85				95				105				115			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB	AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1050	MBh	41.1	41.7	42.9	-	40.7	41.3	42.5	-	39.6	40.2	41.4	-	37.8	38.4	39.6	-	35.5	36.1	37.3	-	33.5	34.0	35.3	-
		S/T	0.62	0.54	0.40	-	0.63	0.55	0.41	-	0.65	0.57	0.43	-	1.00	0.59	0.45	-	1.00	0.62	0.48	-	1.00	0.67	0.53	-
		ΔT	20.34	18.47	14.99	-	20.29	18.42	14.94	-	20.55	18.68	15.20	-	20.27	18.40	14.92	-	20.02	18.15	14.67	-	21.18	19.32	15.84	-
		KW	2.31	2.31	2.31	-	2.57	2.57	2.57	-	2.86	2.86	2.85	-	3.17	3.17	3.17	-	3.52	3.52	3.52	-	3.93	3.93	3.93	-
		Amps	7.74	7.73	7.71	-	8.87	8.86	8.84	-	10.12	10.12	10.10	-	11.48	11.48	11.46	-	13.00	13.00	12.98	-	14.79	14.78	14.76	-
		Hi PR	264	265	267	-	306	307	309	-	349	351	352	-	397	398	400	-	447	448	450	-	501	503	504	-
		Lo PR	125	126	129	-	132	134	137	-	139	140	144	-	145	146	149	-	150	152	155	-	157	158	162	-
	1225	MBh	41.7	42.3	43.5	-	41.3	41.9	43.1	-	40.2	40.8	42.1	-	38.4	39.0	40.2	-	36.1	36.7	37.9	-	34.1	34.7	35.9	-
		S/T	0.69	0.61	0.47	-	0.70	0.62	0.48	-	0.73	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-
		ΔT	19.03	17.16	13.68	-	18.98	17.11	13.63	-	19.24	17.38	13.90	-	18.96	17.09	13.61	-	18.71	16.85	13.37	-	19.88	18.01	14.53	-
		KW	2.33	2.33	2.32	-	2.59	2.59	2.58	-	2.88	2.87	2.87	-	3.19	3.19	3.18	-	3.54	3.54	3.53	-	3.95	3.95	3.94	-
		Amps	7.81	7.80	7.78	-	8.93	8.93	8.91	-	10.19	10.18	10.16	-	11.55	11.54	11.52	-	13.07	13.06	13.04	-	14.86	14.85	14.83	-
		Hi PR	267	268	270	-	308	310	311	-	352	353	355	-	399	400	402	-	450	451	453	-	504	505	507	-
		Lo PR	127	128	131	-	134	136	139	-	141	143	146	-	147	148	151	-	152	154	157	-	159	161	164	-
	1365	MBh	42.3	42.9	44.1	-	41.9	42.5	43.7	-	40.8	41.4	42.6	-	39.0	39.6	40.8	-	36.7	37.3	38.5	-	34.7	35.2	36.5	-
		S/T	0.73	0.65	0.51	-	0.73	0.65	0.51	-	0.76	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.72	0.58	-	1.00	0.78	0.64	-
		ΔT	18.16	16.29	12.81	-	18.11	16.24	12.76	-	18.37	16.50	13.02	-	18.09	16.22	12.74	-	17.84	15.97	12.49	-	19.01	17.14	13.66	-
		KW	2.34	2.34	2.33	-	2.60	2.60	2.59	-	2.89	2.88	2.88	-	3.20	3.20	3.19	-	3.55	3.55	3.54	-	3.96	3.96	3.95	-
		Amps	7.85	7.84	7.83	-	8.98	8.97	8.95	-	10.24	10.23	10.21	-	11.60	11.59	11.57	-	13.12	13.11	13.09	-	14.90	14.89	14.87	-
		Hi PR	269	270	272	-	310	311	313	-	354	355	357	-	401	402	404	-	452	453	455	-	506	507	509	-
		Lo PR	129	130	133	-	136	138	141	-	143	144	148	-	148	150	153	-	154	156	159	-	161	162	166	-
75	1050	MBh	41.1	41.7	42.9	44.8	40.7	41.3	42.5	44.4	39.7	40.2	41.5	43.3	37.8	38.4	39.6	41.5	35.6	36.1	37.4	39.2	33.5	34.1	35.3	37.2
		S/T	0.75	0.67	0.53	0.38	0.76	0.68	0.54	0.39	1.00	0.71	0.57	0.42	1.00	0.73	0.59	0.44	1.00	0.75	0.61	0.46	1.00	1.00	0.66	0.51
		ΔT	24.43	22.57	19.09	15.48	24.38	22.52	19.04	15.43	24.65	22.78	19.30	15.70	24.36	22.50	19.02	15.41	24.12	22.25	18.77	15.17	25.28	23.42	19.94	16.33
		KW	2.31	2.31	2.30	2.32	2.57	2.57	2.56	2.58	2.86	2.86	2.85	2.87	3.17	3.17	3.17	3.19	3.52	3.52	3.52	3.53	3.93	3.93	3.93	3.95
		Amps	7.73	7.72	7.71	7.79	8.86	8.85	8.83	8.92	10.12	10.11	10.09	10.17	11.48	11.47	11.45	11.54	13.00	12.99	12.97	13.06	14.78	14.77	14.75	14.84
		Hi PR	264	265	267	272	306	307	309	314	350	351	353	357	397	398	400	404	448	449	451	455	502	503	505	509
		Lo PR	125	126	129	135	132	134	137	142	139	140	144	149	145	146	149	155	150	152	155	160	157	159	162	167
	1225	MBh	41.7	42.3	43.5	45.4	41.3	41.9	43.2	45.0	40.3	40.8	42.1	44.0	38.4	**39.0**	40.2	42.1	36.2	36.7	38.0	39.8	34.1	34.7	35.9	37.8
		S/T	0.83	0.75	0.61	0.46	1.00	0.76	0.61	0.47	1.00	0.78	0.64	0.49	1.00	**0.80**	0.66	0.51	1.00	0.82	0.68	0.53	1.00	1.00	0.74	0.59
		ΔT	23.13	21.26	17.78	14.18	23.08	21.21	17.73	14.13	23.34	21.47	17.99	14.39	23.06	**21.19**	17.71	14.11	22.81	20.94	17.46	13.86	23.98	22.11	18.63	15.03
		KW	2.33	2.32	2.32	2.34	2.59	2.58	2.58	2.60	2.87	2.87	2.87	2.89	3.19	**3.19**	3.18	3.20	3.54	3.54	3.53	3.55	3.95	3.95	3.94	3.96
		Amps	7.80	7.79	7.77	7.86	8.93	8.92	8.90	8.99	10.18	10.18	10.16	10.24	11.55	**11.54**	11.52	11.60	13.07	13.06	13.04	13.12	14.85	14.84	14.82	14.91
		Hi PR	267	268	270	274	309	310	312	316	352	353	355	360	399	**401**	402	407	450	451	453	458	504	505	507	512
		Lo PR	127	128	131	137	134	136	139	144	141	143	146	151	147	**148**	151	157	152	154	157	162	159	161	164	169
	1365	MBh	42.3	42.9	44.1	46.0	41.9	42.5	43.7	45.6	40.9	41.4	42.7	44.5	39.0	39.6	40.8	42.7	36.7	37.3	38.6	40.4	34.7	35.3	36.5	38.4
		S/T	0.86	0.78	0.64	0.49	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	1.00	0.72	0.57	1.00	1.00	0.77	0.62
		ΔT	22.26	20.39	16.91	13.31	22.20	20.34	16.86	13.25	22.47	20.60	17.12	13.52	22.19	20.32	16.84	13.24	21.94	20.07	16.59	12.99	23.10	21.24	17.76	14.15
		KW	2.34	2.33	2.33	2.35	2.60	2.59	2.59	2.61	2.88	2.88	2.88	2.90	3.20	3.20	3.19	3.21	3.55	3.55	3.54	3.56	3.96	3.96	3.95	3.97
		Amps	7.85	7.84	7.82	7.90	8.97	8.96	8.94	9.03	10.23	10.22	10.20	10.29	11.59	11.58	11.56	11.65	13.11	13.10	13.08	13.17	14.89	14.88	14.87	14.95
		Hi PR	269	270	272	276	311	312	314	318	354	355	357	362	401	403	404	409	452	453	455	460	506	507	509	514
		Lo PR	129	130	133	139	136	138	141	146	143	144	148	153	148	150	153	159	154	156	159	164	161	162	166	171

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

			OUTDOOR AMBIENT TEMPERATURE																							
			65				75				85				95				105				115			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB	AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1050	MBh	41.3	41.9	43.1	45.0	40.9	41.5	42.8	44.6	39.9	40.5	41.7	43.6	38.0	38.6	39.8	41.7	35.8	36.3	37.6	39.5	33.7	34.3	35.5	37.4
		S/T	1.00	0.81	0.66	0.52	1.00	0.81	0.67	0.52	1.00	0.84	0.70	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.74	0.59	1.00	1.00	0.79	0.64
		ΔT	28.56	26.70	23.22	19.61	28.51	26.65	23.17	19.56	28.77	26.91	23.43	19.82	28.49	26.63	23.15	19.54	28.24	26.38	22.90	19.29	29.41	27.54	24.06	20.46
		KW	2.31	2.31	2.31	2.33	2.57	2.57	2.56	2.58	2.86	2.86	2.85	2.87	3.17	3.17	3.17	3.19	3.52	3.52	3.52	3.54	3.93	3.93	3.93	3.95
		Amps	7.74	7.73	7.71	7.80	8.87	8.86	8.84	8.92	10.12	10.11	10.09	10.18	11.48	11.47	11.46	11.54	13.00	12.99	12.98	13.06	14.79	14.78	14.76	14.84
		Hi PR	265	266	268	272	306	308	310	314	350	351	353	358	397	398	400	405	448	449	451	456	502	503	505	510
		Lo PR	125	127	130	135	133	134	138	143	139	141	144	150	145	147	150	155	151	152	155	161	158	159	162	168
	1225	MBh	41.9	42.5	43.7	45.6	41.6	42.1	43.4	45.2	40.5	41.1	42.3	44.2	38.6	39.2	**40.4**	42.3	36.4	37.0	38.2	40.1	34.3	34.9	36.1	38.0
		S/T	1.00	0.88	0.74	0.59	1.00	0.89	0.74	0.60	1.00	0.91	0.77	0.62	1.00	1.00	**0.79**	0.64	1.00	1.00	0.81	0.67	1.00	1.00	0.87	0.72
		ΔT	27.25	25.39	21.91	18.30	27.20	25.34	21.86	18.25	27.46	25.60	22.12	18.51	27.18	25.32	**21.84**	18.23	26.93	25.07	21.59	17.98	28.10	26.24	22.76	19.15
		KW	2.33	2.33	2.32	2.34	2.59	2.58	2.58	2.60	2.88	2.87	2.87	2.89	3.19	3.19	**3.18**	3.20	3.54	3.54	3.53	3.55	3.95	3.95	3.94	3.96
		Amps	7.81	7.80	7.78	7.87	8.93	8.92	8.91	8.99	10.19	10.18	10.16	10.25	11.55	11.54	**11.52**	11.61	13.07	13.06	13.04	13.13	14.85	14.85	14.83	14.91
		Hi PR	267	269	270	275	309	310	312	317	353	354	356	360	400	401	**403**	407	451	452	454	458	505	506	508	512
		Lo PR	127	129	132	137	135	136	140	145	142	143	146	152	147	149	**152**	157	153	154	157	163	160	161	164	170
	1365	MBh	42.5	43.1	44.3	46.2	42.1	42.7	44.0	45.8	41.1	41.7	42.9	44.8	39.2	39.8	41.0	42.9	37.0	37.5	38.8	40.7	34.9	35.5	36.7	38.6
		S/T	1.00	0.91	0.77	0.62	1.00	0.92	0.78	0.63	1.00	0.95	0.80	0.66	1.00	1.00	0.82	0.68	1.00	1.00	0.85	0.70	1.00	1.00	0.90	0.75
		ΔT	26.38	24.52	21.04	17.43	26.33	24.47	20.99	17.38	26.59	24.73	21.25	17.64	26.31	24.45	20.97	17.36	26.06	24.20	20.72	17.11	27.23	25.37	21.89	18.28
		KW	2.34	2.34	2.33	2.35	2.60	2.60	2.59	2.61	2.89	2.88	2.88	2.90	3.20	3.20	3.19	3.21	3.55	3.55	3.54	3.56	3.96	3.96	3.95	3.97
		Amps	7.85	7.84	7.82	7.91	8.98	8.97	8.95	9.04	10.24	10.23	10.21	10.29	11.60	11.59	11.57	11.65	13.12	13.11	13.09	13.17	14.90	14.89	14.87	14.96
		Hi PR	269	270	272	277	311	312	314	319	355	356	358	362	402	403	405	409	453	454	456	460	507	508	510	514
		Lo PR	129	131	134	139	137	138	141	147	143	145	148	153	149	151	154	159	155	156	159	165	161	163	166	172
85	1050	MBh	42.0	42.6	43.8	45.7	41.6	42.2	43.4	45.3	40.6	41.1	42.4	44.3	38.7	39.3	40.5	42.4	36.5	37.0	38.3	40.1	34.4	35.0	36.2	38.1
		S/T	1.00	0.91	0.77	0.62	1.00	1.00	0.78	0.63	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.85	0.70	1.00	1.00	1.00	0.75
		ΔT	32.22	30.36	26.88	23.27	32.17	30.31	26.83	23.22	32.43	30.57	27.09	23.48	32.15	30.29	26.81	23.20	31.90	30.04	26.56	22.95	33.07	31.20	27.72	24.12
		KW	2.32	2.32	2.31	2.33	2.58	2.57	2.57	2.59	2.87	2.86	2.86	2.88	3.18	3.18	3.17	3.19	3.53	3.53	3.52	3.54	3.94	3.94	3.93	3.95
		Amps	7.76	7.75	7.73	7.82	8.89	8.88	8.86	8.95	10.14	10.14	10.12	10.20	11.50	11.50	11.48	11.56	13.02	13.02	13.00	13.08	14.81	14.80	14.78	14.87
		Hi PR	266	267	269	274	308	309	311	315	351	353	354	359	399	400	402	406	449	450	452	457	503	505	506	511
		Lo PR	127	129	132	137	135	136	139	145	141	143	146	151	147	149	152	157	152	154	157	163	159	161	164	169
	1225	MBh	42.6	43.2	44.4	46.3	42.2	42.8	44.1	45.9	41.2	41.8	43.0	44.9	39.3	39.9	41.1	43.0	37.1	37.6	38.9	40.8	35.0	35.6	36.8	38.7
		S/T	1.00	0.98	0.84	0.69	1.00	1.00	0.85	0.70	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.75	1.00	1.00	1.00	0.77	1.00	1.00	1.00	0.82
		ΔT	30.91	29.05	25.57	21.96	30.86	29.00	25.52	21.91	31.12	29.26	25.78	22.17	30.84	28.98	25.50	21.89	30.59	28.73	25.25	21.64	31.76	29.90	26.42	22.81
		KW	2.33	2.33	2.33	2.35	2.59	2.59	2.59	2.61	2.88	2.88	2.87	2.89	3.19	3.19	3.19	3.21	3.54	3.54	3.54	3.56	3.95	3.95	3.95	3.97
		Amps	7.83	7.82	7.80	7.89	8.95	8.95	8.93	9.01	10.21	10.20	10.18	10.27	11.57	11.56	11.54	11.63	13.09	13.08	13.06	13.15	14.88	14.87	14.85	14.93
		Hi PR	269	270	272	276	310	311	313	318	354	355	357	362	401	402	404	409	452	453	455	459	506	507	509	514
		Lo PR	129	131	134	139	137	138	142	147	143	145	148	153	149	151	154	159	155	156	159	165	161	163	166	172
	1365	MBh	43.2	43.8	45.0	46.9	42.8	43.4	44.6	46.5	41.8	42.3	43.6	45.5	39.9	40.5	41.7	43.6	37.7	38.2	39.5	41.3	35.6	36.2	37.4	39.3
		S/T	1.00	1.00	0.88	0.73	1.00	1.00	0.88	0.73	1.00	1.00	0.91	0.76	1.00	1.00	0.93	0.78	1.00	1.00	1.00	0.80	1.00	1.00	1.00	0.86
		ΔT	30.04	28.18	24.70	21.09	29.99	28.13	24.65	21.04	30.25	28.39	24.91	21.30	29.97	28.11	24.63	21.02	29.72	27.86	24.38	20.77	30.89	29.03	25.54	21.94
		KW	2.34	2.34	2.34	2.36	2.60	2.60	2.60	2.62	2.89	2.89	2.88	2.90	3.20	3.20	3.20	3.22	3.55	3.55	3.55	3.57	3.96	3.96	3.96	3.98
		Amps	7.87	7.86	7.85	7.93	9.00	8.99	8.97	9.06	10.26	10.25	10.23	10.32	11.62	11.61	11.59	11.68	13.14	13.13	13.11	13.20	14.92	14.91	14.89	14.98
		Hi PR	271	272	274	278	312	313	315	320	356	357	359	364	403	404	406	411	454	455	457	461	508	509	511	516
		Lo PR	131	133	136	141	139	140	143	149	145	147	150	155	151	152	156	161	156	158	161	166	163	165	168	173

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions.

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

			OUTDOOR AMBIENT TEMPERATURE																							
			65				75				85				95				105				115			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB	AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1500	MBh	57.1	57.9	59.6	-	56.6	57.4	59.1	-	55.1	55.9	57.6	-	52.6	53.4	55.1	-	49.4	50.2	51.9	-	46.5	47.4	49.1	-
		S/T	0.60	0.53	0.39	-	0.61	0.53	0.39	-	0.64	0.56	0.42	-	0.65	0.58	0.44	-	1.00	0.60	0.46	-	1.00	0.65	0.51	-
		ΔT	21.07	19.14	15.54	-	21.02	19.09	15.48	-	21.29	19.36	15.75	-	21.00	19.07	15.46	-	20.74	18.81	15.21	-	21.95	20.02	16.41	-
		KW	3.68	3.67	3.67	-	4.09	4.09	4.08	-	4.55	4.54	4.54	-	5.05	5.04	5.04	-	5.60	5.60	5.59	-	6.25	6.25	6.24	-
		Amps	12.31	12.29	12.26	-	14.10	14.08	14.05	-	16.10	16.08	16.05	-	18.26	18.24	18.21	-	20.68	20.66	20.63	-	23.51	23.50	23.47	-
		Hi PR	276	277	279	-	320	321	323	-	366	367	369	-	415	416	418	-	468	469	471	-	525	526	528	-
		Lo PR	121	123	126	-	129	130	133	-	135	137	140	-	141	142	145	-	146	147	151	-	153	154	157	-
	1750	MBh	58.0	58.8	60.5	-	57.5	58.3	60.0	-	56.0	56.8	58.5	-	53.4	54.2	55.9	-	50.3	51.1	52.8	-	47.4	48.2	49.9	-
		S/T	0.68	0.60	0.46	-	0.68	0.60	0.47	-	0.71	0.63	0.49	-	0.73	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.72	0.59	-
		ΔT	19.72	17.79	14.18	-	19.67	17.73	14.13	-	19.94	18.01	14.40	-	19.65	17.71	14.11	-	19.39	17.46	13.85	-	20.60	18.67	15.06	-
		KW	3.70	3.70	3.69	-	4.11	4.11	4.10	-	4.57	4.57	4.56	-	5.07	5.07	5.06	-	5.63	5.62	5.62	-	6.28	6.28	6.27	-
		Amps	12.41	12.40	12.37	-	14.20	14.19	14.16	-	16.20	16.19	16.16	-	18.37	18.35	18.32	-	20.78	20.77	20.74	-	23.62	23.60	23.57	-
		Hi PR	279	280	282	-	323	324	326	-	368	369	371	-	418	419	421	-	471	472	474	-	527	528	530	-
		Lo PR	123	125	128	-	131	132	135	-	137	139	142	-	143	144	147	-	148	149	153	-	155	156	159	-
	1950	MBh	58.8	59.6	61.3	-	58.3	59.1	60.8	-	56.8	57.6	59.3	-	54.2	55.0	56.7	-	51.1	51.9	53.6	-	48.2	49.0	50.7	-
		S/T	0.71	0.63	0.49	-	0.71	0.64	0.50	-	0.74	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.57	-	1.00	0.76	0.62	-
		ΔT	18.82	16.88	13.28	-	18.76	16.83	13.22	-	19.03	17.10	13.50	-	18.74	16.81	13.21	-	18.49	16.55	12.95	-	19.69	17.76	14.16	-
		KW	3.72	3.71	3.71	-	4.13	4.13	4.12	-	4.59	4.59	4.58	-	5.09	5.08	5.08	-	5.64	5.64	5.63	-	6.29	6.29	6.28	-
		Amps	12.49	12.47	12.44	-	14.28	14.26	14.23	-	16.28	16.26	16.23	-	18.44	18.42	18.39	-	20.85	20.84	20.81	-	23.69	23.68	23.65	-
		Hi PR	281	282	284	-	325	326	328	-	370	372	373	-	420	421	423	-	473	474	476	-	529	531	532	-
		Lo PR	125	127	130	-	132	134	137	-	139	140	144	-	144	146	149	-	150	151	154	-	157	158	161	-
75	1500	MBh	57.2	58.0	59.7	62.3	56.7	57.5	59.2	61.8	55.2	56.0	57.7	60.3	52.6	53.4	55.1	57.7	49.4	50.3	52.0	54.6	46.6	47.4	49.1	51.7
		S/T	0.73	0.66	0.52	0.37	0.74	0.66	0.53	0.38	1.00	0.69	0.55	0.41	1.00	0.71	0.57	0.43	1.00	0.73	0.59	0.45	1.00	0.78	0.65	0.50
		ΔT	25.32	23.39	19.78	16.05	25.27	23.34	19.73	15.99	25.54	23.61	20.00	16.26	25.25	23.32	19.71	15.97	24.99	23.06	19.45	15.72	26.20	24.27	20.66	16.92
		KW	3.67	3.67	3.66	3.69	4.09	4.08	4.08	4.11	4.55	4.54	4.54	4.57	5.04	5.04	5.03	5.06	5.60	5.60	5.59	5.62	6.25	6.25	6.24	6.27
		Amps	12.29	12.28	12.25	12.39	14.09	14.07	14.04	14.18	16.08	16.07	16.04	16.18	18.25	18.23	18.20	18.34	20.66	20.65	20.62	20.76	23.50	23.48	23.45	23.59
		Hi PR	276	278	280	284	320	321	323	328	366	367	369	374	415	416	418	423	468	469	471	476	525	526	528	533
		Lo PR	121	123	126	131	129	130	133	138	135	137	140	145	141	142	145	150	146	147	151	156	153	154	157	162
	1750	MBh	58.0	58.8	60.5	63.1	57.5	58.3	60.0	62.6	56.0	56.8	58.5	61.1	53.4	54.2	**56.0**	58.6	50.3	51.1	52.8	55.4	47.4	48.2	49.9	52.6
		S/T	0.81	0.73	0.59	0.45	0.81	0.74	0.60	0.45	1.00	0.76	0.62	0.48	1.00	0.78	**0.64**	0.50	1.00	0.80	0.67	0.52	1.00	1.00	0.72	0.57
		ΔT	23.97	22.03	18.43	14.69	23.91	21.98	18.38	14.64	24.18	22.25	18.65	14.91	23.89	21.96	**18.36**	14.62	23.64	21.70	18.10	14.36	24.84	22.91	19.31	15.57
		KW	3.70	3.70	3.69	3.72	4.11	4.11	4.10	4.13	4.57	4.57	4.56	4.59	5.07	5.06	**5.06**	5.09	5.62	5.62	5.61	5.64	6.28	6.27	6.27	6.30
		Amps	12.40	12.39	12.36	12.49	14.19	14.18	14.15	14.29	16.19	16.18	16.15	16.28	18.35	18.34	**18.31**	18.45	20.77	20.76	20.73	20.86	23.61	23.59	23.56	23.70
		Hi PR	279	280	282	287	323	324	326	331	369	370	372	376	418	419	**421**	426	471	472	474	479	527	529	531	535
		Lo PR	123	125	128	133	131	132	135	140	137	139	142	147	143	144	**147**	152	148	150	153	158	155	156	159	165
	1950	MBh	58.8	59.6	61.3	64.0	58.3	59.1	60.8	63.4	56.8	57.6	59.3	62.0	54.3	55.1	56.8	59.4	51.1	51.9	53.6	56.2	48.2	49.1	50.8	53.4
		S/T	0.84	0.76	0.62	0.48	0.84	0.77	0.63	0.49	1.00	0.79	0.66	0.51	1.00	0.81	0.68	0.53	1.00	0.84	0.70	0.55	1.00	1.00	0.75	0.61
		ΔT	23.06	21.13	17.52	13.79	23.01	21.08	17.47	13.74	23.28	21.35	17.74	14.01	22.99	21.06	17.45	13.72	22.73	20.80	17.19	13.46	23.94	22.01	18.40	14.67
		KW	3.72	3.71	3.70	3.74	4.13	4.12	4.12	4.15	4.59	4.58	4.58	4.61	5.08	5.08	5.07	5.11	5.64	5.64	5.63	5.66	6.29	6.29	6.28	6.31
		Amps	12.47	12.46	12.43	12.57	14.26	14.25	14.22	14.36	16.26	16.25	16.22	16.36	18.43	18.41	18.38	18.52	20.84	20.83	20.80	20.94	23.68	23.66	23.63	23.77
		Hi PR	281	282	284	289	325	326	328	333	371	372	374	379	420	421	423	428	473	474	476	481	530	531	533	538
		Lo PR	125	127	130	135	132	134	137	142	139	140	144	149	144	146	149	154	150	151	154	160	157	158	161	166

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 11±3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 11±2 °F @ the compressor suction access fitting connection.

			OUTDOOR AMBIENT TEMPERATURE																							
			65				75				85				95				105				115			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB	AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1500	MBh	57.5	58.3	60.0	62.6	56.9	57.8	59.5	62.1	55.5	56.3	58.0	60.6	52.9	53.7	55.4	58.0	49.7	50.5	52.3	54.9	46.9	47.7	49.4	52.0
		S/T	0.86	0.78	0.65	0.50	1.00	0.79	0.65	0.51	1.00	0.82	0.68	0.53	1.00	0.84	0.70	0.55	1.00	1.00	0.72	0.58	1.00	1.00	0.77	0.63
		ΔT	29.60	27.67	24.06	20.32	29.54	27.61	24.01	20.27	29.82	27.88	24.28	20.54	29.52	27.59	23.99	20.25	29.27	27.33	23.73	19.99	30.48	28.54	24.94	21.20
		KW	3.68	3.67	3.67	3.70	4.09	4.08	4.08	4.11	4.55	4.54	4.54	4.57	5.04	5.04	5.03	5.07	5.60	5.60	5.59	5.62	6.25	6.25	6.24	6.27
		Amps	12.30	12.29	12.26	12.40	14.09	14.08	14.05	14.19	16.09	16.08	16.05	16.19	18.26	18.24	18.21	18.35	20.67	20.66	20.63	20.77	23.51	23.49	23.46	23.60
		Hi PR	277	278	280	285	321	322	324	329	366	368	369	374	416	417	419	424	469	470	472	477	525	526	528	533
		Lo PR	122	123	126	132	129	131	134	139	136	137	140	145	141	143	146	151	147	148	151	156	153	155	158	163
	1750	MBh	58.3	59.1	60.8	63.4	57.8	58.6	60.3	62.9	56.3	57.1	58.8	61.4	53.7	54.5	56.2	58.9	50.6	51.4	53.1	55.7	47.7	48.5	50.2	52.9
		S/T	1.00	0.86	0.72	0.57	1.00	0.86	0.73	0.58	1.00	0.89	0.75	0.61	1.00	0.91	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.84	0.70
		ΔT	28.24	26.31	22.70	18.97	28.19	26.26	22.65	18.91	28.46	26.53	22.92	19.19	28.17	26.24	22.63	18.89	27.91	25.98	22.37	18.64	29.12	27.19	23.58	19.85
		KW	3.70	3.70	3.69	3.72	4.11	4.11	4.10	4.13	4.57	4.57	4.56	4.59	5.07	5.07	5.06	5.09	5.63	5.62	5.62	5.65	6.28	6.27	6.27	6.30
		Amps	12.41	12.40	12.37	12.50	14.20	14.19	14.16	14.29	16.20	16.19	16.16	16.29	18.36	18.35	18.32	18.46	20.78	20.77	20.74	20.87	23.62	23.60	23.57	23.71
		Hi PR	280	281	283	288	323	325	326	331	369	370	372	377	418	419	421	426	471	473	474	479	528	529	531	536
		Lo PR	124	125	128	134	131	133	136	141	138	139	142	147	143	145	148	153	149	150	153	158	155	157	160	165
	1950	MBh	59.1	59.9	61.6	64.3	58.6	59.4	61.1	63.7	57.1	57.9	59.6	62.3	54.6	55.4	57.1	59.7	51.4	52.2	53.9	56.5	48.5	49.3	51.1	53.7
		S/T	1.00	0.89	0.75	0.61	1.00	0.89	0.76	0.61	1.00	0.92	0.78	0.64	1.00	1.00	0.80	0.66	1.00	1.00	0.83	0.68	1.00	1.00	0.88	0.73
		ΔT	27.34	25.41	21.80	18.06	27.29	25.35	21.75	18.01	27.56	25.63	22.02	18.28	27.27	25.33	21.73	17.99	27.01	25.08	21.47	17.73	28.22	26.29	22.68	18.94
		KW	3.72	3.71	3.71	3.74	4.13	4.13	4.12	4.15	4.59	4.59	4.58	4.61	5.09	5.08	5.08	5.11	5.64	5.64	5.63	5.66	6.29	6.29	6.28	6.32
		Amps	12.48	12.47	12.44	12.58	14.27	14.26	14.23	14.37	16.27	16.26	16.23	16.37	18.44	18.42	18.39	18.53	20.85	20.84	20.81	20.94	23.69	23.67	23.64	23.78
		Hi PR	282	283	285	290	325	327	329	333	371	372	374	379	420	422	423	428	473	475	477	481	530	531	533	538
		Lo PR	126	127	130	135	133	135	138	143	140	141	144	149	145	146	150	155	150	152	155	160	157	159	162	167
85	1500	MBh	58.4	59.2	60.9	63.6	57.9	58.7	60.4	63.0	56.4	57.2	58.9	61.5	53.8	54.7	56.4	59.0	50.7	51.5	53.2	55.8	47.8	48.6	50.4	53.0
		S/T	1.00	0.89	0.75	0.60	1.00	0.89	0.76	0.61	1.00	1.00	0.78	0.64	1.00	1.00	0.80	0.66	1.00	1.00	0.82	0.68	1.00	1.00	1.00	0.73
		ΔT	33.39	31.46	27.85	24.11	33.34	31.40	27.80	24.06	33.61	31.68	28.07	24.33	33.32	31.38	27.78	24.04	33.06	31.13	27.52	23.78	34.27	32.34	28.73	24.99
		KW	3.68	3.68	3.67	3.71	4.10	4.09	4.09	4.12	4.56	4.55	4.55	4.58	5.05	5.05	5.04	5.07	5.61	5.61	5.60	5.63	6.26	6.26	6.25	6.28
		Amps	12.34	12.32	12.29	12.43	14.13	14.11	14.08	14.22	16.13	16.11	16.08	16.22	18.29	18.28	18.25	18.38	20.71	20.69	20.66	20.80	23.54	23.53	23.50	23.63
		Hi PR	278	279	281	286	322	323	325	330	368	369	371	376	417	418	420	425	470	471	473	478	527	528	530	535
		Lo PR	124	125	128	133	131	133	136	141	137	139	142	147	143	144	148	153	148	150	153	158	155	157	160	165
	1750	MBh	59.3	60.1	61.8	64.4	58.8	59.6	61.3	63.9	57.3	58.1	59.8	62.4	54.7	55.5	57.2	59.8	51.6	52.4	54.1	56.7	48.7	49.5	51.2	53.8
		S/T	1.00	0.96	0.82	0.68	1.00	0.97	0.83	0.68	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.90	0.75	1.00	1.00	1.00	0.80
		ΔT	32.03	30.10	26.50	22.76	31.98	30.05	26.44	22.71	32.25	30.32	26.71	22.98	31.96	30.03	26.42	22.69	31.70	29.77	26.17	22.43	32.91	30.98	27.37	23.64
		KW	3.71	3.71	3.70	3.73	4.12	4.12	4.11	4.14	4.58	4.58	4.57	4.60	5.08	5.07	5.07	5.10	5.63	5.63	5.62	5.65	6.29	6.28	6.28	6.31
		Amps	12.45	12.43	12.40	12.54	14.24	14.22	14.19	14.33	16.24	16.22	16.19	16.33	18.40	18.38	18.35	18.49	20.82	20.80	20.77	20.91	23.65	23.64	23.61	23.74
		Hi PR	281	282	284	289	325	326	328	333	370	372	373	378	420	421	423	428	473	474	476	481	529	530	532	537
		Lo PR	126	127	130	135	133	135	138	143	140	141	144	149	145	147	150	155	150	152	155	160	157	159	162	167
	1950	MBh	60.1	60.9	62.6	65.2	59.6	60.4	62.1	64.7	58.1	58.9	60.6	63.2	55.5	56.3	58.0	60.6	52.4	53.2	54.9	57.5	49.5	50.3	52.0	54.6
		S/T	1.00	0.99	0.85	0.71	1.00	1.00	0.86	0.72	1.00	1.00	0.89	0.74	1.00	1.00	0.91	0.76	1.00	1.00	0.93	0.78	1.00	1.00	1.00	0.83
		ΔT	31.13	29.20	25.59	21.86	31.08	29.15	25.54	21.80	31.35	29.42	25.81	22.07	31.06	29.13	25.52	21.78	30.80	28.87	25.26	21.53	32.01	30.08	26.47	22.73
		KW	3.73	3.72	3.71	3.75	4.14	4.13	4.13	4.16	4.60	4.59	4.59	4.62	5.09	5.09	5.08	5.12	5.65	5.65	5.64	5.67	6.30	6.30	6.29	6.32
		Amps	12.52	12.50	12.47	12.61	14.31	14.29	14.26	14.40	16.31	16.29	16.26	16.40	18.47	18.46	18.43	18.56	20.89	20.87	20.84	20.98	23.72	23.71	23.68	23.81
		Hi PR	283	284	286	291	327	328	330	335	372	374	376	380	422	423	425	430	475	476	478	483	531	533	535	539
		Lo PR	127	129	132	137	135	136	139	145	141	143	146	151	147	148	151	157	152	154	157	162	159	160	163	169

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions.

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 11±3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 11±2 °F @ the compressor suction access fitting connection.

GPUM324040M41 - RISE RANGE: 20° - 50°

E.S.P.	T1 FAN ONLY SPEED		T2 HEATING SPEED			T3 HEATING SPEED			T4 COOLING SPEED		T5 COOLING SPEED	
	CFM	WATTS	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS
0.1	700	76	1080	197	42	733	65	34	1020	153	1119	208
0.2	665	84	1032	204	44	703	74	36	985	160	1110	216
0.3	614	91	988	212	46	664	83	38	946	168	1083	222
0.4	561	98	948	220	47	604	91	41	905	175	1052	229
0.5	505	105	902	225	50	536	98	44	863	183	1017	237
0.6	438	114	859	231	52	483	105	49	813	190	979	243
0.7	374	119	813	238	55	430	111	x	759	199	934	250
0.8	318	125	770	245	58	381	119	x	701	206	879	259

GPUM33006041 - RISE RANGE: 30° - 60°

E.S.P.	T1 FAN ONLY SPEED		T2 HEATING SPEED			T3 HEATING SPEED			T4 COOLING SPEED		T5 COOLING SPEED	
	CFM	WATTS	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS
0.1	891	113	1196	190	34	891	113	44	1202	246	1285	278
0.2	831	119	1147	197	36	831	119	46	1173	251	1238	284
0.3	780	127	1102	204	37	780	127	47	1143	258	1189	293
0.4	714	135	1054	212	38	714	135	50	1110	265	1146	300
0.5	639	146	1009	221	39	639	146	54	1073	272	1105	306
0.6	555	153	955	230	40	555	153	60	1035	278	1058	314
0.7	502	159	897	238	41	502	159	X	994	285	1011	324
0.8	444	165	828	245	42	444	165	X	947	293	948	329

GPUM33606041 - Rise Range: 30° - 60°

E.S.P.	T1 FAN ONLY SPEED		T2 HEATING SPEED			T3 HEATING SPEED			T4 COOLING SPEED		T5 COOLING SPEED	
	CFM	WATTS	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS
0.1	870	107	1216	228	31	870	107	42	1448	342	1533	408
0.2	792	118	1149	234	32	792	118	44	1403	343	1470	419
0.3	685	130	1083	246	33	685	130	48	1358	354	1416	428
0.4	623	138	1014	252	34	623	138	51	1319	361	1360	434
0.5	549	143	919	265	38	549	143	54	1277	366	1307	446
0.6	479	144	850	272	41	479	144	55	1232	376	1247	455
0.7	411	155	781	280	43	411	155	58	1176	386	1177	468
0.8	343	161	717	285	44	343	161	X	1120	395	1104	478

GPUM34208041 - RISE RANGE: 30° - 60°

E.S.P.	T1 FAN ONLY SPEED		T2 HEATING SPEED			T3 HEATING SPEED			T4 COOLING SPEED		T5 COOLING SPEED	
	CFM	WATTS	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS
0.1	1090	146	1363	249	40	1304	221	43	1542	392	1637	444
0.2	1024	156	1305	256	42	1242	230	45	1494	403	1593	454
0.3	960	165	1247	269	45	1185	241	46	1437	409	1541	459
0.4	867	173	1189	276	46	1126	249	49	1392	419	1497	473
0.5	791	183	1130	285	48	1054	258	52	1342	430	1450	478
0.6	710	191	1048	294	50	967	270	54	1295	440	1407	485
0.7	644	196	966	305	52	899	278	56	1238	447	1357	493
0.8	587	206	901	315	54	832	285	59	1183	454	1304	502

X = Not recommended for heat application.
Note: The shaded area indicates ranges in excess of maximum external static pressure allowable when heating.
For satisfactory operation, external static pressure should not exceed 0.8" w.c.

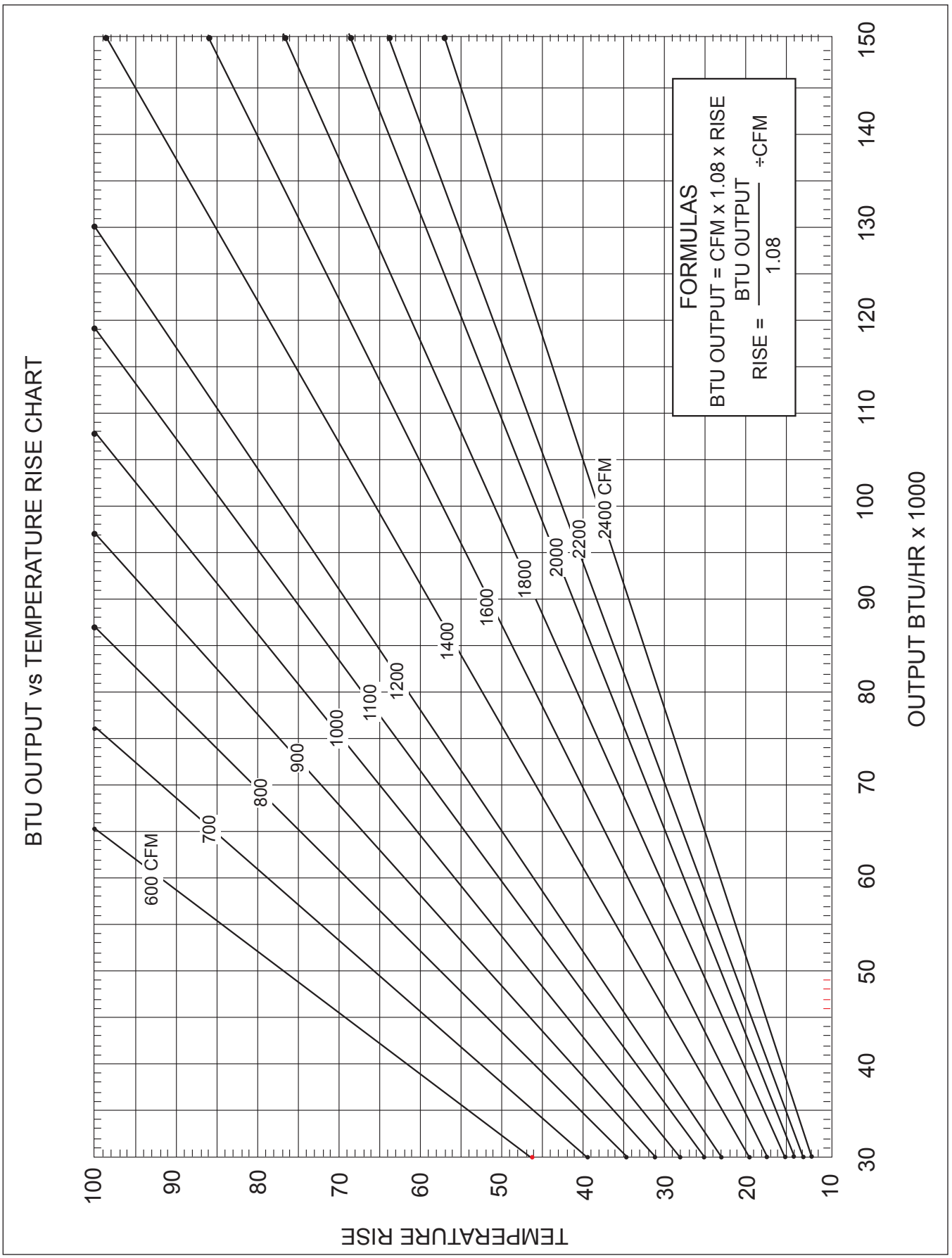
GPUM34808041 - Rise Range: 30° - 60°

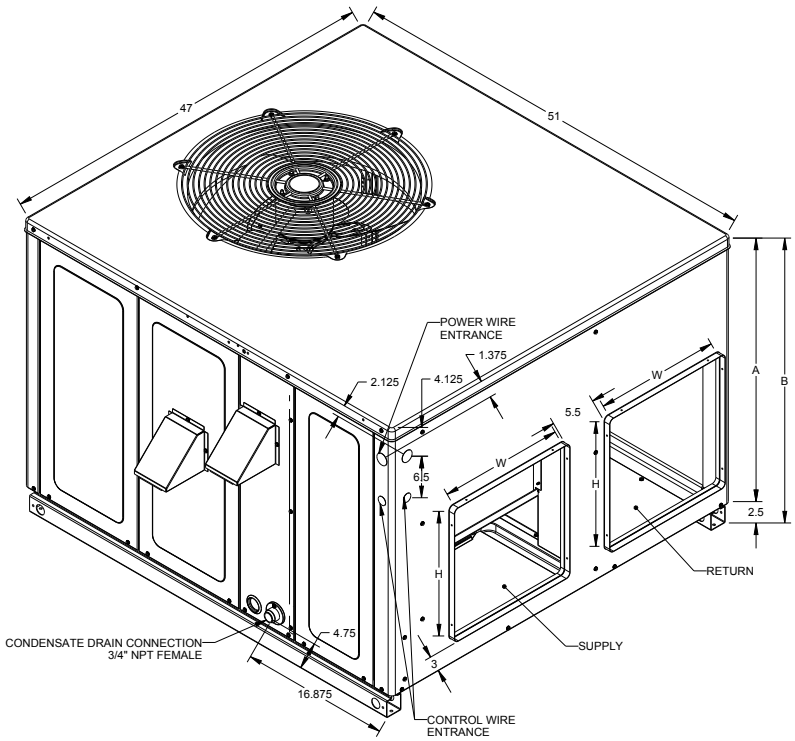
E.S.P.	T1 FAN ONLY SPEED		T2 Heating Speed			T3 Heating Speed			T4 Cooling Speed		T5 Cooling Speed	
	Cfm	Watts	Cfm	Watts	Rise	Cfm	Watts	Rise	Cfm	Watts	Cfm	Watts
0.1	1090	146	1363	249	40	1304	221	43	1851	679	1928	626
0.2	1024	156	1305	256	42	1242	230	45	1803	688	1874	639
0.3	960	165	1247	269	45	1185	241	46	1754	696	1836	647
0.4	867	173	1189	276	46	1126	249	49	1706	702	1780	658
0.5	791	183	1130	285	48	1054	258	52	1665	710	1735	671
0.6	710	191	1048	294	50	967	270	54	1619	719	1683	677
0.7	644	196	966	305	52	899	278	56	1573	727	1629	686
0.8	587	206	901	315	54	832	285	59	1528	739	1578	693

GPUM36108041 - Rise Range: 30° - 60°

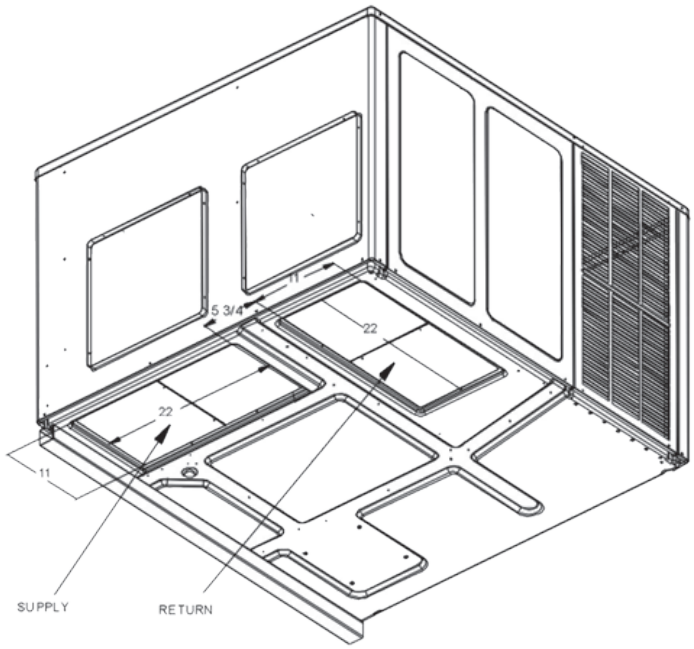
E.S.P.	T1 FAN ONLY SPEED		T2 Heating Speed			T3 Low Stage Cooling		T4 High Stage		T5 Cooling Speed	
	Cfm	Watts	Cfm	Watts	Rise	Cfm	Watts	Cfm	Watts	Cfm	Watts
0.1	1156	158	1283	200	42	1420	284	2044	757	2107	602
0.2	1077	163	1224	210	44	1371	294	1996	770	2060	616
0.3	1015	172	1152	216	46	1318	302	1955	779	2015	622
0.4	930	179	1098	228	49	1268	313	1913	785	1972	644
0.5	839	193	1025	236	51	1217	326	1871	796	1930	649
0.6	759	200	945	249	53	1163	341	1828	803	1888	660
0.7	697	206	867	264	56	1101	347	1788	809	1850	664
0.8	632	216	806	271	61	1041	358	1742	822	1805	676

X = Not recommended for heat application.
Note: The shaded area indicates ranges in excess of maximum external static pressure allowable when heating.
For satisfactory operation, external static pressure should not exceed 0.8" w.c.

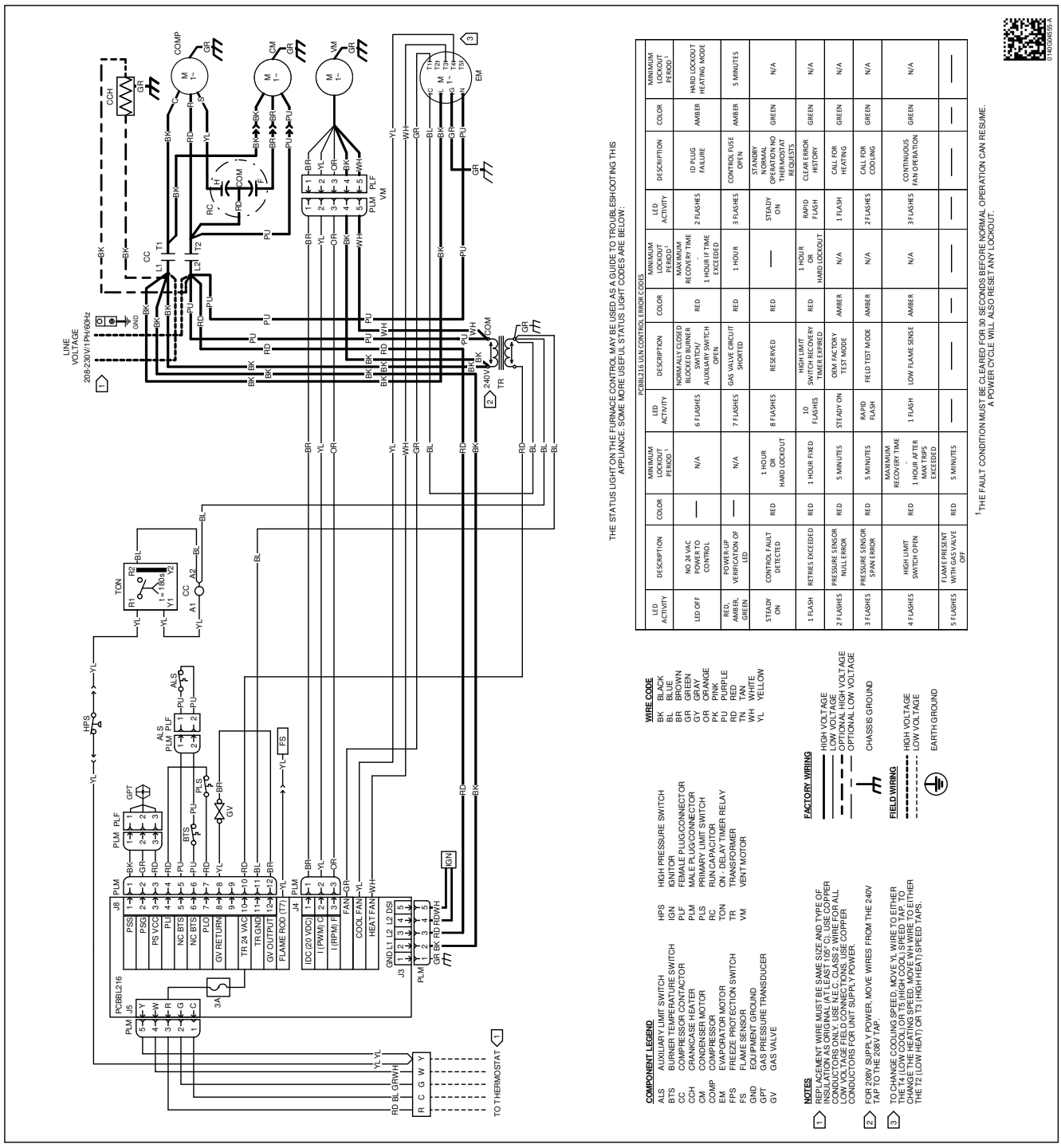

BTU OUTPUT vs TEMPERATURE RISE CHART
TEMPERATURE RISE
OUTPUT BTU/HR x 1000
600 CFM
700
800
900
1000
1100
1200
1400
1600
1800
2000
2200
2400 CFM
FORMULAS
BTU OUTPUT = CFM x 1.08 x RISE
RISE = BTU OUTPUT / 1.08 ÷CFM



Model	Unit Dimensions (Inches)				Chassis Size
			Height		
	W	D	A	B	
GPUM32404041	47	51	32	34½	Medium
GPUM33006041	47	51	32	34½	Medium
GPUM33606041	47	51	32	34½	Medium
GPUM34208041	47	51	40	42½	Large
GPUM34808041	47	51	40	42½	Large
GPUM36108041	47	51	40	42½	Large



Model	Duct Openings			
	Supply		Return	
	W	H	W	H
GPUM32404041	16	16	16	16
GPUM33006041	16	16	16	16
GPUM33606041	16	16	16	16
GPUM34208041	16	18	16	18
GPUM34808041	16	18	16	18
GPUM36108041	16	18	16	18



THE STATUS LIGHT ON THE FURNACE CONTROL MAY BE USED AS A GUIDE TO TROUBLESHOOTING THIS APPLIANCE. SOME MORE USEFUL STATUS LIGHT CODES ARE BELOW:

PCBBL216 UIN CONTROL ERROR CODES											
LED ACTIVITY	DESCRIPTION	COLOR	MINIMUM LOCKOUT PERIOD[1]	LED ACTIVITY	DESCRIPTION	COLOR	MINIMUM LOCKOUT PERIOD[1]	LED ACTIVITY	DESCRIPTION	COLOR	MINIMUM LOCKOUT PERIOD[1]
LED OFF	NO 24 VAC POWER TO CONTROL	—	N/A	6 FLASHES	NORMALLY CLOSED BLOCKED BURNER SWITCH/ AUXILIARY SWITCH OPEN	RED	MAXIMUM RECOVERY TIME - 1 HOUR IF TIME EXCEEDED	2 FLASHES	ID PLUG FAILURE	AMBER	HARD LOCKOUT HEATING MODE
RED, AMBER, GREEN	POWER-UP VERIFICATION OF LED	—	N/A	7 FLASHES	GAS VALVE CIRCUIT SHORTED	RED	1 HOUR	3 FLASHES	CONTROL FUSE OPEN	AMBER	5 MINUTES
STEADY ON	CONTROL FAULT DETECTED	RED	1 HOUR OR HARD LOCKOUT	8 FLASHES	RESERVED	RED	—	STEADY ON	STANDBY NORMAL OPERATION NO THERMOSTAT REQUESTS	GREEN	N/A
1 FLASH	RETRIES EXCEEDED	RED	1 HOUR FIXED	10 FLASHES	HIGH LIMIT SWITCH RECOVERY TIMER EXPIRED	RED	1 HOUR OR HARD LOCKOUT	RAPID FLASH	CLEAR ERROR HISTORY	GREEN	N/A
2 FLASHES	PRESSURE SENSOR NULL ERROR	RED	5 MINUTES	STEADY ON	OEM FACTORY TEST MODE	AMBER	N/A	1 FLASH	CALL FOR HEATING	GREEN	N/A
3 FLASHES	PRESSURE SENSOR SPAN ERROR	RED	5 MINUTES	RAPID FLASH	FIELD TEST MODE	AMBER	N/A	2 FLASHES	CALL FOR COOLING	GREEN	N/A
4 FLASHES	HIGH LIMIT SWITCH OPEN	RED	MAXIMUM RECOVERY TIME - 1 HOUR AFTER 3 MAX RETRIES EXCEEDED	1 FLASH	LOW FLAME SENSE	AMBER	N/A	3 FLASHES	CONTINUOUS FAN OPERATION	GREEN	N/A
5 FLASHES	FLAME PRESENT WITH GAS VALVE OFF	RED	5 MINUTES	—	—	—	—	—	—	—	—

[1]THE FAULT CONDITION MUST BE CLEARED FOR 30 SECONDS BEFORE NORMAL OPERATION CAN RESUME. A POWER CYCLE WILL ALSO RESET ANY LOCKOUT.

COMPONENT LEGEND

ALS	AUXILIARY LIMIT SWITCH	HPS	HIGH PRESSURE SWITCH
BTS	BURNER TEMPERATURE SWITCH	IGN	IGNITOR
CC	COMPRESSOR CONTACTOR	PLF	FEMALE PLUG/CONNECTOR
CCH	CRANKCASE HEATER	PLM	MALE PLUG/CONNECTOR
CM	CONDENSER MOTOR	PLS	PRIMARY LIMIT SWITCH
COMP	COMPRESSOR MOTOR	RUN CAP	RUN CAPACITOR
FPS	FREEZE PROTECTION SWITCH	TON	TIME ON DELAY TIMER RELAY
FS	FLAME SENSOR	TR	TRANSFORMER
GND	EQUIPMENT GROUND	VM	VENT MOTOR
GPT	GAS PRESSURE TRANSDUCER		
GV	GAS VALVE		

WIRE CODE

BK	BLACK
BL	BLUE
BR	BROWN
GR	GREEN
GY	GRAY
OR	ORANGE
PK	PINK
PU	PURPLE
RD	RED
TN	TAN
WH	WHITE
YL	YELLOW

NOTES

1. REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (AT LEAST 105° C). USE COPPER CONDUCTORS ONLY. USE 60/75° C CLASS WIRE FOR ALL LOW VOLTAGE FIELD CONNECTIONS. USE COPPER CONDUCTORS FOR UNIT SUPPLY POWER.
2. FOR 208V SUPPLY POWER, MOVE WIRES FROM THE 240V TAP TO THE 208V TAP.
3. TO CHANGE COOLING SPEED, MOVE YL WIRE TO EITHER THE T1 (LOW COOL) OR T2 (HIGH COOL) TERMINAL. TO CHANGE THE HEATING SPEED, MOVE WH WIRE TO EITHER THE T2 (LOW HEAT) OR T3 (HIGH HEAT) SPEED TAPS.

FACTORY WIRING

- HIGH VOLTAGE
- LOW VOLTAGE
- OPTIONAL HIGH VOLTAGE
- OPTIONAL LOW VOLTAGE
- CHASSIS GROUND

FIELD WIRING

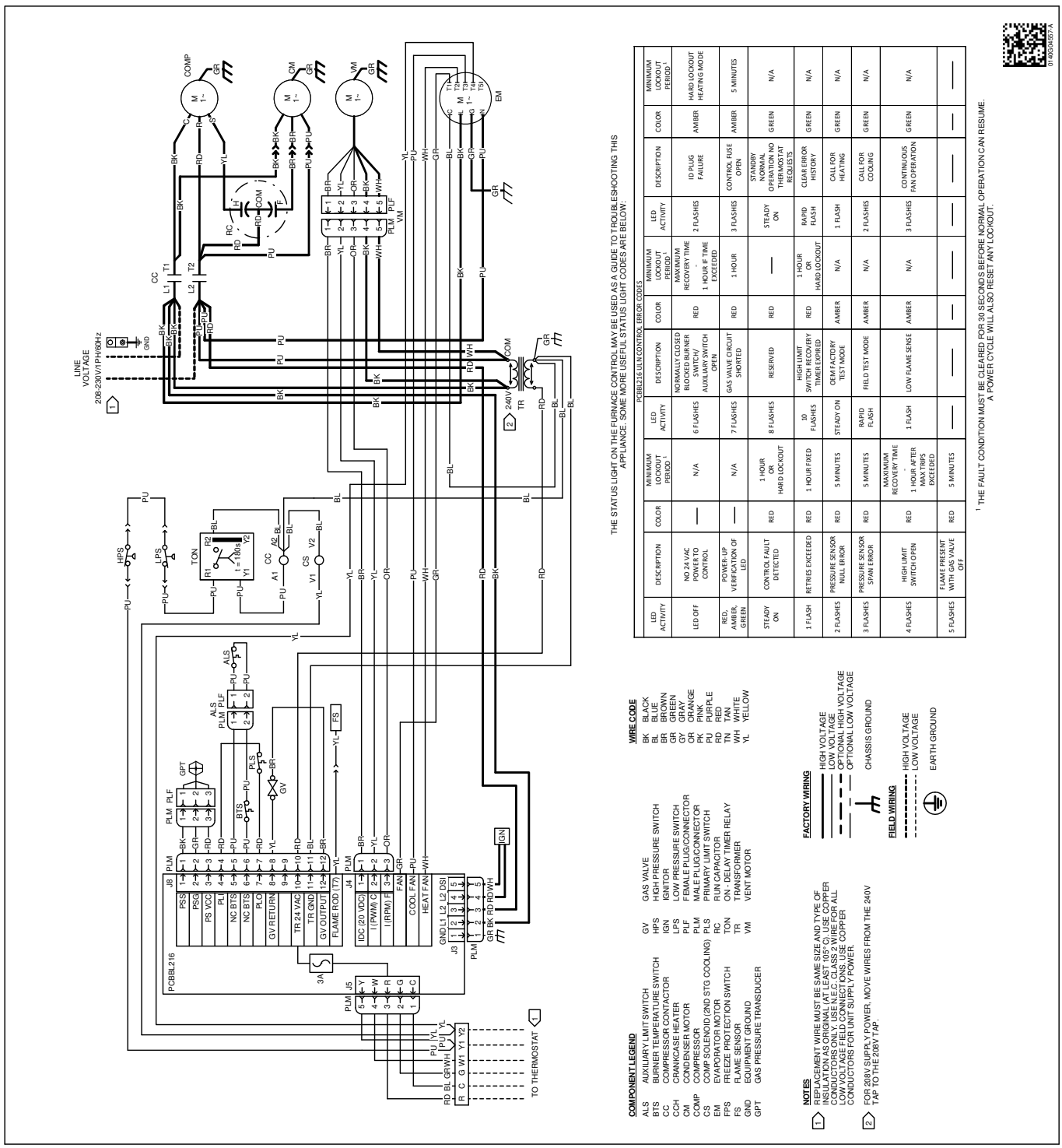
- HIGH VOLTAGE
- LOW VOLTAGE
- EARTH GROUND

0140G04555-A

⚠ WARNING

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

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



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PCBBL216 ULN CONTROL ERROR CODES											
LED ACTIVITY	DESCRIPTION	COLOR	MINIMUM LOCKOUT PERIOD[1]	LED ACTIVITY	DESCRIPTION	COLOR	MINIMUM LOCKOUT PERIOD[1]	LED ACTIVITY	DESCRIPTION	COLOR	MINIMUM LOCKOUT PERIOD
LED OFF	NO 24 VAC POWER TO CONTROL	—	N/A	6 FLASHES	NORMALLY CLOSED BLOCKED BURNER SWITCH/ AUXILIARY SWITCH OPEN	RED	MAXIMUM RECOVERY TIME - 1 HOUR IF TIME EXCEEDED	2 FLASHES	ID PLUG FAILURE	AMBER	HARD LOCKOUT HEATING MODE
RED, AMBER, GREEN	POWER-UP VERIFICATION OF LED	—	N/A	7 FLASHES	GAS VALVE CIRCUIT SHORTED	RED	1 HOUR	3 FLASHES	CONTROL FUSE OPEN	AMBER	5 MINUTES
STEADY ON	CONTROL FAULT DETECTED	RED	1 HOUR OR HARD LOCKOUT	8 FLASHES	RESERVED	RED	—	STEADY ON	STANDBY NORMAL OPERATION NO THERMOSTAT REQUESTS	GREEN	N/A
1 FLASH	RETRIES EXCEEDED	RED	1 HOUR FIXED	10 FLASHES	HIGH LIMIT SWITCH RECOVERY TIMER EXPIRED	RED	1 HOUR OR HARD LOCKOUT	RAPID FLASH	CLEAR ERROR HISTORY	GREEN	N/A
2 FLASHES	PRESSURE SENSOR NULL ERROR	RED	5 MINUTES	STEADY ON	OEM FACTORY TEST MODE	AMBER	N/A	1 FLASH	CALL FOR HEATING	GREEN	N/A
3 FLASHES	PRESSURE SENSOR SPAN ERROR	RED	5 MINUTES	RAPID FLASH	FIELD TEST MODE	AMBER	N/A	2 FLASHES	CALL FOR COOLING	GREEN	N/A
4 FLASHES	HIGH LIMIT SWITCH OPEN	RED	MAXIMUM RECOVERY TIME - 1 HOUR AFTER MAX TRIPS EXCEEDED	1 FLASH	LOW FLAME SENSE	AMBER	N/A	3 FLASHES	CONTINUOUS FAN OPERATION	GREEN	N/A
5 FLASHES	FLAME PRESENT WITH GAS VALVE OFF	RED	5 MINUTES	—	—	—	—	—	—	—	—

[1] THE FAULT CONDITION MUST BE CLEARED FOR 30 SECONDS BEFORE NORMAL OPERATION CAN RESUME. A POWER CYCLE WILL ALSO RESET ANY LOCKOUT.

COMPONENT LEGEND

ALS	AUXILIARY LIMIT SWITCH	GV	GAS VALVE
BTS	BURNER TEMPERATURE SWITCH	HPS	HIGH PRESSURE SWITCH
CC	COMPRESSOR CONTACTOR	IGN	IGNITOR
CCH	CRANKCASE HEATER	LPS	LOW PRESSURE SWITCH
CM	CONDENSER MOTOR	PLF	FEMALE PLUG/CONNECTOR
COMP	COMPRESSOR	PLM	MALE PLUG/CONNECTOR
CS	COMP SOLENOID (2ND STG COOLING)	PLS	PRIMARY LIMIT SWITCH
EM	EVAPORATOR MOTOR	RC	RUN CAPACITOR
FPS	FREEZE PROTECTION SWITCH	TON	ON - DELAY TIMER RELAY
FS	FLAME SENSOR	TR	TRANSFORMER
GND	EQUIPMENT GROUND	VM	VENT MOTOR
GPT	GAS PRESSURE TRANSDUCER		

WIRE CODE

BK	BLACK	OR	ORANGE
BL	BLUE	PK	PINK
BR	BROWN	PU	PURPLE
GR	GREEN	RD	RED
GY	GRAY	TN	TAN
		WH	WHITE
		YL	YELLOW

NOTES

1. REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (AT LEAST 105° C). USE COPPER CONDUCTORS ONLY. USE N.E.C. CLASS 2 WIRE FOR ALL CONDUCTORS FOR UNIT SUPPLY POWER. USE COPPER CONDUCTORS FOR UNIT SUPPLY POWER.
2. FOR 208V SUPPLY POWER, MOVE WIRES FROM THE 240V TAP TO THE 208V TAP.

FACTORY WIRING

- HIGH VOLTAGE
- LOW VOLTAGE
- OPTIONAL HIGH VOLTAGE
- OPTIONAL LOW VOLTAGE

CHASSIS GROUND

FIELD WIRING

- HIGH VOLTAGE
- LOW VOLTAGE

EARTH GROUND

01400485-A

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

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

Accessory Description	Parts Numbers	
	Medium Chassis	Large Chassis
Concentric Kit	CDK36	CDK4872
Downflow Economizer	PGEDJ101/102	PGEDJ103
Downflow Internal Filter Rack (with economizer)	DDNIFRPGMM	N/A (built into economizer)
Downflow Internal Filter Rack (no economizer)	DDNIFRPGA	DDNIFRPGA
Downflow Manual Damper	PGMDD101/102	PGMDD103
Downflow Motorized Damper	PGMDMD101/102	PGMDMD103
Downflow Square to Round	SQRPG101/102	SQRPG103
Economizer Wiring Harness (2-4 Tons)	0259G00214	0259G00214
Economizer Wiring Harness (5 Tons)	N/A	0259L00412
External Horizontal Filter Rack	DPHFRA	DPHFRA
High Altitude Kit (40K BTU)	HAUR40	N/A
High Altitude Kit (60K BTU)	HAUR60	N/A
High Altitude Kit (80K BTU)	HAUR80	HAUR80
Horizontal Duct Cover	20464501PDGK	20464502PDGK
Horizontal Economizer	DHZECNJPGCHM	DHZECNJPGCHL
Horizontal Manual Damper	PGMDH102	PGMDH103
Horizontal Motorized Damper	PGMDMH102	PGMDMH103
Horizontal Square to Round	SQRPGH101/102	SQRPGH103
Internal Horizontal Filter Rack	DHZIFRPGCHA	DHZIFRPGCHA
Outdoor Thermostat with Housing	OTDFPKG-01	OTDFPKG-01
Roof Curb	D14CRBPGCHMA	D14CRBPGCHMA