

PACKAGED AIR CONDITIONER

13.4 SEER2

2 TO 5 TONS



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Standard Features

- Energy-efficient compressor
- Multi-speed ECM indoor blower motor
- Quiet horizontal discharge
- Copper tube/aluminum fin condenser coil
- All-aluminum evaporator coil
- Totally enclosed, permanently lubricated condenser fan motor
- Fully charged system
- 5 kW to 20 kW electric heat kit available as a field-installed option
- AHRI Certified; ETL Listed

Cabinet Features

- Heavy-gauge galvanized-steel cabinet with attractive Architectural Gray powder-paint finish
- Louvered condenser coil protection
- Aluminum foil-facing internal insulation reinforced with fiberglass scrim
- Fully insulated blower compartment with convenient access panels
- Meets cabinet air leakage requirements when tested in accordance with ASHRAE standard 193
- One footprint for all tonnages
- When properly anchored, meets the 2020 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

10 YEAR PARTS LIMITED WARRANTY

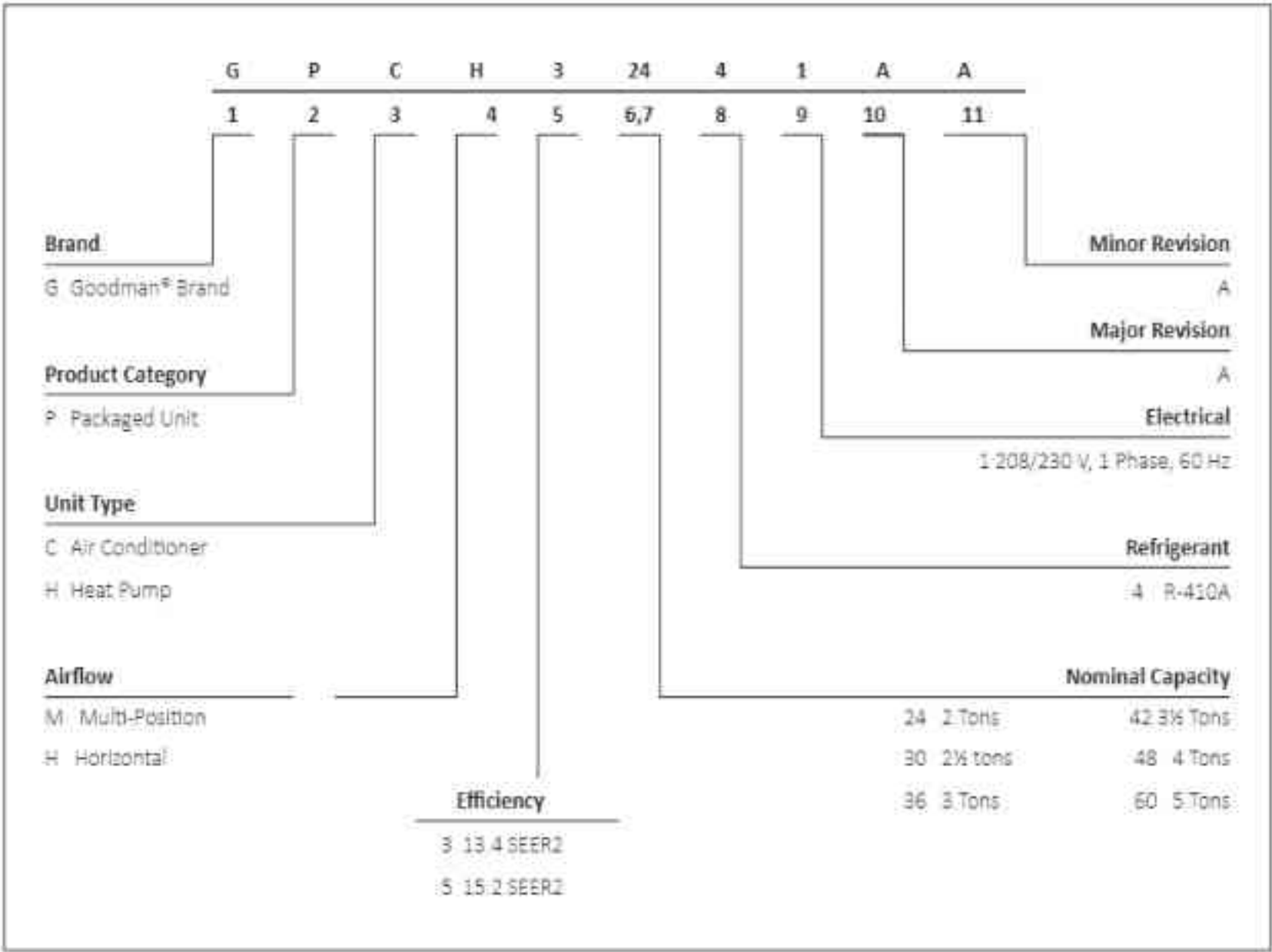


COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL
• ISO 9001 •

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



* Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the 10-year Parts Limited Warranty, online registration must be completed within 90 days of installation. Online registration is not required in California or Quebec. The duration of warranty coverage in Texas differs in some cases.



MODELS	GPCH3 2441**	GPCH3 3041**	GPCH3 3641**	GPCH3 4241**	GPCH3 4841**	GPCH3 6041**
COOLING CAPACITY						
Total BTU/h	22,800	28,400	35,600	40,000	46,000	56,000
Sensible BTU/h	18,582	22,550	27,732	30,960	36,616	39,984
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
AHR Numbers	208842384	208842385	208842378	208842379	208842380	208842381
EVAPORATOR MOTOR						
Type	EEM	EEM	EEM	EEM	EEM	ECM
Wheel (D x W)	10 x 8	10 x 8	10 x 8	10 x 8	10 x 8	11 x 8
Cooling CFM ³	875	1,050	1,200	1,300	1,600	1,600
Fan-Only CFM	800	950	1,100	1,200	1,400	1,400
No. of Speeds	5	5	5	5	5	Variable
Horsepower - RPM	¾ - 1050	¾ - 1050	¾ - 1050	¾ - 1050	¾ - 1050	¾ - 1050
EVAPORATOR COIL						
Face Area (ft²)	5.25	5.25	5.25	6.2	6.2	7
Rows Deep	3	3	3	4	4	4
Fins per inch	14	16	14	14	14	14
Metering Device Type	Piston	Piston	Piston	Piston	Piston	TXV
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	51	50	57	78	87	103
CONDENSER FAN						
Horsepower - RPM	1/6 - 810	1/6 - 815	¼ - 830	¼ - 1075	¼ - 1075	¼ - 1075
Fan Diameter	22	22	22	22	22	22
# of Fan Blades	3	3	3	4	4	4
CONDENSER COIL						
Face Area (ft²)	9.2855	12.3	12.3	16	19.5	17
Rows Deep	1	1	1	1	2	2
Fins per inch	27	26	26	28	28	28
COMPRESSOR						
Quantity / Type	1 / Rotary	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll
Stage	Single	Single	Single	Single	Single	Two
SOUND POWER						
dBA	76	76	78	78	80	80
ELECTRICAL DATA						
Compressor RLA/LRA	8.4/38	13.5/72.5	15.4/83.9	17.9/112	19.9/109	22.9/147.2
Voltage/Phase (60 Hz)	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	5.4
Outdoor Fan FLA	0.95	0.95	1.3	1.4	1.4	1.4
M.C.A. ³	14.4	21.6	24.4	29.2	31.7	35.4
M.O.P. ²	20	35	35	45	50	50
OPERATING WEIGHT (LBS)						
	315	315	375	375	375	400
SHIP WEIGHT (LBS)						
	324	324	387	387	387	412

¹ Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

² May use fuses or HACR-type circuit breakers of the same size as noted.

³ Factory

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

		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
IDB	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	23.0	23.4	24.1	-	22.8	23.2	23.9	-	22.2	22.6	23.3	-	21.2	21.5	22.2	-	19.9	20.2	20.9	-	18.8	19.1	19.8	-
	S/T	0.60	0.51	0.37	-	0.60	0.52	0.38	-	0.63	0.55	0.40	-	0.65	0.57	0.42	-	1.00	0.59	0.45	-	1.00	0.65	0.50	-
	ΔT	18.39	16.75	13.69	-	18.35	16.71	13.65	-	18.58	16.94	13.88	-	18.33	16.69	13.63	-	18.11	16.47	13.41	-	19.14	17.50	14.44	-
	kW	1.52	1.52	1.51	-	1.71	1.71	1.70	-	1.92	1.92	1.92	-	2.16	2.16	2.15	-	2.42	2.41	2.41	-	2.72	2.72	2.72	-
	Amps	6.03	6.02	6.01	-	6.91	6.90	6.89	-	7.89	7.88	7.87	-	8.96	8.95	8.93	-	10.14	10.14	10.12	-	11.54	11.53	11.52	-
	Hi PR	262	263	265	-	303	304	306	-	347	348	350	-	393	395	396	-	444	445	447	-	498	499	501	-
	Lo PR	123	124	128	-	130	132	135	-	137	139	142	-	143	144	147	-	148	150	153	-	155	156	160	-
	MBh	23.3	23.6	24.3	-	23.1	23.4	24.1	-	22.5	22.8	23.5	-	21.4	21.8	22.5	-	20.2	20.5	21.2	-	19.0	19.3	20.0	-
	S/T	0.67	0.59	0.45	-	0.68	0.60	0.45	-	0.71	0.62	0.48	-	1.00	0.65	0.50	-	1.00	0.67	0.52	-	1.00	0.72	0.58	-
	ΔT	17.36	15.72	12.65	-	17.31	15.67	12.61	-	17.54	15.90	12.84	-	17.29	15.65	12.59	-	17.08	15.44	12.37	-	18.10	16.46	13.40	-
800	kW	1.53	1.53	1.52	-	1.72	1.72	1.72	-	1.93	1.93	1.93	-	2.17	2.17	2.16	-	2.43	2.43	2.42	-	2.73	2.73	2.73	-
	Amps	6.08	6.07	6.05	-	6.96	6.95	6.93	-	7.94	7.93	7.92	-	9.00	9.00	8.98	-	10.19	10.18	10.17	-	11.59	11.58	11.56	-
	Hi PR	264	265	267	-	305	306	308	-	349	350	352	-	396	397	399	-	446	447	449	-	500	501	503	-
	Lo PR	124	126	129	-	132	134	137	-	139	140	143	-	144	146	149	-	150	151	154	-	157	158	161	-
	MBh	23.5	23.8	24.5	-	23.3	23.6	24.3	-	22.7	23.0	23.7	-	21.6	22.0	22.7	-	20.4	20.7	21.4	-	19.2	19.5	20.2	-
887	S/T	0.71	0.63	0.48	-	0.72	0.64	0.49	-	0.74	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.71	0.56	-	1.00	0.76	0.62	-
	ΔT	16.74	15.10	12.04	-	16.70	15.06	11.99	-	16.93	15.29	12.23	-	16.68	15.04	11.98	-	16.46	14.82	11.76	-	17.49	15.85	12.79	-
	kW	1.53	1.53	1.53	-	1.73	1.72	1.72	-	1.94	1.94	1.94	-	2.17	2.17	2.17	-	2.43	2.43	2.43	-	2.74	2.74	2.73	-
	Amps	6.10	6.10	6.08	-	6.98	6.98	6.96	-	7.97	7.96	7.95	-	9.03	9.02	9.01	-	10.22	10.21	10.20	-	11.61	11.61	11.59	-
	Hi PR	265	266	268	-	307	308	310	-	350	351	353	-	397	398	400	-	447	449	450	-	501	502	504	-
Lo PR	126	127	130	-	133	135	138	-	140	141	144	-	145	147	150	-	151	152	156	-	158	159	162	-	

75	700	MBh	23.1	23.4	24.1	25.1	22.9	23.2	23.9	24.9	22.2	22.6	23.3	24.3	21.2	21.5	22.2	23.3	19.9	20.3	21.0	22.0	18.8	19.1	19.8	20.8
		S/T	0.73	0.65	0.51	0.4	0.74	0.66	0.51	0.4	1.00	0.69	0.54	0.4	1.00	0.71	0.56	0.4	1.00	0.73	0.59	0.4	1.00	1.00	0.64	0.5
		ΔT	22.00	20.36	17.30	14.1	21.96	20.32	17.25	14.1	22.19	20.55	17.48	14.3	21.94	20.30	17.24	14.1	21.72	20.08	17.02	13.8	22.75	21.11	18.04	14.9
		kW	1.52	1.51	1.51	1.5	1.71	1.71	1.70	1.7	1.92	1.92	1.92	1.9	2.16	2.15	2.15	2.2	2.42	2.41	2.41	2.4	2.72	2.72	2.71	2.7
		Amps	6.02	6.02	6.00	6.1	6.90	6.90	6.88	6.9	7.89	7.88	7.86	7.9	8.95	8.94	8.93	9.0	10.14	10.13	10.12	10.2	11.53	11.52	11.51	11.6
800	800	Hi PR	262	263	265	269	303	305	306	311	347	348	350	354	394	395	397	401	444	445	447	452	498	499	501	506
		Lo PR	123	124	128	133	130	132	135	140	137	139	142	147	143	144	147	153	148	150	153	158	155	156	160	165
		MBh	23.3	23.6	24.3	25.4	23.1	23.4	24.1	25.2	22.5	22.8	23.5	24.6	21.5	21.8	22.5	23.5	20.2	20.5	21.2	22.3	19.0	19.3	20.0	21.1
		S/T	0.81	0.73	0.58	0.4	0.82	0.74	0.59	0.4	1.00	0.76	0.62	0.5	1.00	0.78	0.64	0.5	1.00	0.81	0.66	0.5	1.00	1.00	0.72	0.6
		ΔT	20.96	19.32	16.26	13.1	20.92	19.28	16.22	13.0	21.15	19.51	16.45	13.3	20.90	19.26	16.20	13.0	20.68	19.04	15.98	12.8	21.71	20.07	17.01	13.8
887	887	kW	1.53	1.52	1.52	1.5	1.72	1.72	1.71	1.7	1.93	1.93	1.93	1.9	2.17	2.16	2.16	2.2	2.43	2.42	2.42	2.4	2.73	2.73	2.73	2.7
		Amps	6.07	6.06	6.05	6.1	6.95	6.94	6.93	7.0	7.93	7.93	7.91	8.0	9.00	8.99	8.98	9.0	10.19	10.18	10.16	10.2	11.58	11.57	11.56	11.6
		Hi PR	264	265	267	272	306	307	309	313	349	350	352	357	396	397	399	403	446	447	449	454	500	501	503	508
		Lo PR	125	126	129	134	132	134	137	142	139	140	143	149	144	146	149	154	150	151	154	160	157	158	161	167
		MBh	23.5	23.8	24.5	25.6	23.3	23.6	24.3	25.4	22.7	23.0	23.7	24.8	21.7	22.0	22.7	23.7	20.4	20.7	21.4	22.5	19.2	19.6	20.2	21.3
887	887	S/T	0.85	0.77	0.62	0.5	1.00	0.77	0.63	0.5	1.00	0.80	0.66	0.5	1.00	0.82	0.68	0.5	1.00	0.84	0.70	0.5	1.00	1.00	0.75	0.6
		ΔT	20.35	18.71	15.65	12.5	20.30	18.66	15.60	12.4	20.53	18.89	15.83	12.7	20.29	18.65	15.58	12.4	20.07	18.43	15.36	12.2	21.09	19.45	16.39	13.2
		kW	1.53	1.53	1.53	1.5	1.72	1.72	1.72	1.7	1.94	1.94	1.93	1.9	2.17	2.17	2.17	2.2	2.43	2.43	2.43	2.4	2.74	2.73	2.73	2.7
		Amps	6.10	6.09	6.08	6.1	6.98	6.97	6.96	7.0	7.96	7.96	7.94	8.0	9.03	9.02	9.00	9.1	10.21	10.21	10.19	10.3	11.61	11.60	11.59	11.7
		Hi PR	265	267	268	273	307	308	310	315	350	352	353	358	397	398	400	405	448	449	451	455	502	503	505	509
Lo PR	126	127	130	136	133	135	138	143	140	141	145	150	145	145	150	155	151	152	156	161	158	159	162	168		

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

Shaded area reflects ACCA (TVA) conditions.

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

kW = total system power

		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
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
700	MBh	23.2	23.5	24.2	25.3	23.0	23.3	24.0	25.1	22.4	22.7	23.4	24.4	21.3	21.7	22.3	23.4	20.1	20.4	21.1	22.1	18.9	19.2	19.9	21.0
	S/T	1.00	0.79	0.64	0.5	1.00	0.79	0.65	0.5	1.00	0.82	0.67	0.5	1.00	0.84	0.70	0.5	1.00	1.00	0.72	0.6	1.00	1.00	0.77	0.6
	ΔT	25.63	23.99	20.93	17.8	25.59	23.95	20.88	17.7	25.82	24.18	21.11	17.9	25.57	23.93	20.87	17.7	25.35	23.71	20.65	17.5	26.38	24.74	21.67	18.5
	kW	1.52	1.52	1.51	1.5	1.71	1.71	1.70	1.7	1.92	1.92	1.92	1.9	2.16	2.15	2.15	2.2	2.42	2.41	2.41	2.4	2.72	2.72	2.72	2.7
	Amps	6.03	6.02	6.01	6.1	6.91	6.90	6.89	7.0	7.89	7.88	7.87	7.9	8.95	8.95	8.93	9.0	10.14	10.14	10.12	10.2	11.54	11.53	11.51	11.6
800	Hi PR	262	263	265	270	304	305	307	311	347	348	350	355	394	395	397	402	445	446	448	452	498	500	501	506
	Lo PR	123	125	128	133	131	133	136	141	138	139	142	148	143	145	148	153	149	150	153	159	155	157	160	165
	MBh	23.4	23.8	24.5	25.5	23.2	23.6	24.2	25.3	22.6	22.9	23.6	24.7	21.6	21.9	22.6	23.7	20.3	20.6	21.3	22.4	19.1	19.5	20.2	21.2
	S/T	1.00	0.86	0.72	0.6	1.00	0.87	0.73	0.6	1.00	0.90	0.75	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.80	0.6	1.00	1.00	0.85	0.7
	ΔT	24.59	22.95	19.89	16.7	24.55	22.91	19.85	16.7	24.78	23.14	20.08	16.9	24.53	22.89	19.83	16.7	24.31	22.67	19.61	16.4	25.34	23.70	20.64	17.5
887	kW	1.53	1.53	1.52	1.5	1.72	1.72	1.71	1.7	1.93	1.93	1.93	1.9	2.17	2.17	2.16	2.2	2.43	2.43	2.42	2.4	2.73	2.73	2.73	2.7
	Amps	6.08	6.07	6.05	6.1	6.96	6.95	6.93	7.0	7.94	7.93	7.92	8.0	9.00	8.99	8.98	9.0	10.19	10.18	10.17	10.2	11.58	11.58	11.56	11.6
	Hi PR	265	266	268	272	306	307	309	314	349	351	352	357	396	397	399	404	447	448	450	454	501	502	504	508
	Lo PR	125	127	130	135	133	134	137	143	139	141	144	149	145	146	149	155	150	152	155	160	157	159	162	167
	887	MBh	23.6	24.0	24.7	25.7	23.4	23.8	24.4	25.5	22.8	23.1	23.8	24.9	21.8	22.1	22.8	23.9	20.5	20.8	21.5	22.6	19.3	19.7	20.4
S/T		1.00	0.90	0.76	0.6	1.00	0.91	0.76	0.6	1.00	0.93	0.79	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.89	0.7
ΔT		23.98	22.34	19.28	16.1	23.93	22.29	19.23	16.1	24.16	22.52	19.46	16.3	23.92	22.28	19.21	16.0	23.70	22.06	18.99	15.8	24.72	23.08	20.02	16.8
kW		1.53	1.53	1.53	1.5	1.73	1.72	1.72	1.7	1.94	1.94	1.94	2.0	2.17	2.17	2.17	2.2	2.43	2.43	2.43	2.4	2.74	2.74	2.73	2.7
Amps		6.10	6.10	6.08	6.1	6.98	6.98	6.96	7.0	7.97	7.96	7.94	8.0	9.03	9.02	9.01	9.1	10.22	10.21	10.20	10.3	11.61	11.61	11.59	11.7
700	Hi PR	266	267	269	274	307	309	310	315	351	352	354	358	398	399	401	405	448	449	451	456	502	503	505	510
	Lo PR	126	128	131	136	134	135	138	144	140	142	145	150	146	147	151	156	151	153	156	161	158	160	163	168
	MBh	23.6	23.9	24.6	25.6	23.4	23.7	24.4	25.4	22.8	23.1	23.8	24.8	21.7	22.0	22.7	23.8	20.4	20.8	21.5	22.5	19.3	19.6	20.3	21.4
	S/T	1.00	0.89	0.75	0.6	1.00	0.90	0.76	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.83	0.7	1.00	1.00	1.00	0.7
	ΔT	28.85	27.21	24.15	21.0	28.81	27.17	24.10	20.9	29.04	27.40	24.33	21.2	28.79	27.15	24.09	20.9	28.57	26.93	23.87	20.7	29.60	27.96	24.89	21.7
700	kW	1.52	1.52	1.52	1.5	1.71	1.71	1.71	1.7	1.93	1.93	1.92	1.9	2.16	2.16	2.16	2.2	2.42	2.42	2.41	2.4	2.72	2.72	2.72	2.7
	Amps	6.04	6.04	6.02	6.1	6.92	6.92	6.90	7.0	7.91	7.90	7.89	8.0	8.97	8.96	8.95	9.0	10.16	10.15	10.14	10.2	11.55	11.55	11.53	11.6
	Hi PR	264	265	267	271	305	306	308	313	349	350	352	356	395	397	398	403	446	447	449	453	500	501	503	507
	Lo PR	125	127	130	135	133	134	138	143	139	141	144	149	145	147	150	155	150	152	155	160	157	159	162	167
	800	MBh	23.8	24.2	24.8	25.9	23.6	23.9	24.6	25.7	23.0	23.3	24.0	25.1	22.0	22.3	23.0	24.0	20.7	21.0	21.7	22.8	19.5	19.9	20.6
S/T		1.00	0.97	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	0.90	0.8	1.00	1.00	1.00	0.8
ΔT		27.81	26.17	23.11	19.9	27.77	26.13	23.06	19.9	28.00	26.36	23.30	20.1	27.75	26.11	23.05	19.9	27.53	25.89	22.83	19.7	28.56	26.92	23.86	20.7
kW		1.53	1.53	1.53	1.5	1.72	1.72	1.72	1.7	1.94	1.94	1.93	1.9	2.17	2.17	2.17	2.2	2.43	2.43	2.43	2.4	2.73	2.73	2.73	2.7
Amps		6.09	6.09	6.07	6.1	6.97	6.97	6.95	7.0	7.96	7.95	7.93	8.0	9.02	9.01	9.00	9.1	10.21	10.20	10.19	10.3	11.60	11.59	11.58	11.6
800	Hi PR	266	267	269	273	307	308	310	315	351	352	354	358	398	399	401	405	448	449	451	456	502	503	505	509
	Lo PR	127	128	132	137	134	136	139	144	141	143	146	151	147	148	151	157	152	154	157	162	159	160	164	169
	MBh	24.0	24.4	25.0	26.1	23.8	24.1	24.8	25.9	23.2	23.5	24.2	25.3	22.2	22.5	23.2	24.2	20.9	21.2	21.9	23.0	19.7	20.1	20.8	21.8
	S/T	1.00	1.00	0.86	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.90	0.7	1.00	1.00	0.92	0.8	1.00	1.00	0.94	0.8	1.00	1.00	1.00	0.8
	ΔT	27.20	25.56	22.50	19.3	27.15	25.51	22.45	19.3	27.38	25.74	22.68	19.5	27.14	25.50	22.43	19.3	26.92	25.28	22.21	19.0	27.94	26.30	23.24	20.1
887	kW	1.54	1.54	1.53	1.5	1.73	1.73	1.72	1.7	1.94	1.94	1.94	2.0	2.18	2.18	2.17	2.2	2.44	2.43	2.43	2.4	2.74	2.74	2.74	2.8
	Amps	6.12	6.11	6.10	6.2	7.00	6.99	6.98	7.0	7.98	7.98	7.96	8.0	9.05	9.04	9.03	9.1	10.24	10.23	10.21	10.3	11.63	11.62	11.61	11.7
	Hi PR	267	268	270	275	309	310	312	316	352	353	355	360	399	400	402	407	449	451	452	457	503	504	506	511
	Lo PR	128	130	133	138	136	137	140	146	142	144	147	152	148	149	152	158	153	155	158	163	160	162	165	170
	IDB = Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction access fittings.		Shaded area reflects AHRI (IHV) conditions.																				kW = total system power Amps Unit: amps (comp. + evaporator + condenser fan motors)		

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

Shaded area reflects AHR (1/4") conditions.

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

kW = total system power

		OUTDOOR AMBIENT TEMPERATURE																								
		65				75				85				95				105				115				
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	887	MBh	24.3	24.7	25.4	-	24.1	24.4	25.2	-	23.5	23.8	24.5	-	22.4	22.7	23.5	-	21.1	21.4	22.1	-	19.9	20.2	20.9	-
		S/T	0.71	0.63	0.48	-	0.72	0.64	0.49	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.71	0.56	-	1.00	1.00	0.62	-
		ΔT	17.20	15.51	12.37	-	17.15	15.47	12.32	-	17.39	15.70	12.56	-	17.13	15.45	12.30	-	16.91	15.22	12.08	-	17.96	16.28	13.13	-
		kW	1.58	1.58	1.57	-	1.78	1.78	1.77	-	2.01	2.00	2.00	-	2.25	2.25	2.24	-	2.52	2.52	2.52	-	2.84	2.84	2.84	-
		Amps	6.36	6.36	6.34	-	7.29	7.28	7.27	-	8.32	8.32	8.30	-	9.44	9.43	9.42	-	10.69	10.68	10.67	-	12.16	12.15	12.13	-
	Hi PR	265	265	268	-	307	308	310	-	350	351	353	-	397	398	400	-	447	449	450	-	501	502	504	-	
	Lo PR	130	132	135	-	138	139	143	-	145	146	149	-	150	152	155	-	156	158	161	-	163	165	168	-	
	MBh	24.7	25.1	25.8	-	24.5	24.8	25.6	-	23.9	24.2	24.9	-	22.8	23.1	23.8	-	21.5	21.8	22.5	-	20.3	20.6	21.3	-	
	S/T	0.75	0.67	0.52	-	0.75	0.67	0.53	-	1.00	0.70	0.55	-	1.00	0.72	0.58	-	1.00	0.74	0.60	-	1.00	1.00	0.65	-	
	ΔT	16.32	14.64	11.49	-	16.28	14.59	11.45	-	16.52	14.83	11.69	-	16.26	14.58	11.43	-	16.04	14.35	11.21	-	17.09	15.41	12.26	-	
1000	kW	1.59	1.58	1.58	-	1.79	1.79	1.78	-	2.01	2.01	2.01	-	2.26	2.26	2.25	-	2.53	2.53	2.53	-	2.85	2.85	2.85	-	
	Amps	6.41	6.40	6.38	-	7.33	7.32	7.31	-	8.36	8.36	8.34	-	9.48	9.48	9.46	-	10.73	10.72	10.71	-	12.20	12.19	12.17	-	
	Hi PR	267	269	270	-	309	310	312	-	352	354	355	-	399	400	402	-	450	451	453	-	504	505	507	-	
	Lo PR	132	134	137	-	140	141	145	-	147	148	152	-	153	154	157	-	158	160	163	-	165	167	170	-	
	MBh	25.2	25.6	26.3	-	25.0	25.4	26.1	-	24.4	24.7	25.4	-	23.3	23.7	24.4	-	22.0	22.3	23.1	-	20.8	21.1	21.8	-	
1125	S/T	0.76	0.68	0.53	-	0.77	0.68	0.54	-	1.00	0.71	0.57	-	1.00	0.73	0.59	-	1.00	0.76	0.61	-	1.00	1.00	0.67	-	
	ΔT	15.47	13.79	10.64	-	15.43	13.74	10.60	-	15.67	13.98	10.84	-	15.41	13.73	10.58	-	15.19	13.50	10.36	-	16.24	14.56	11.41	-	
	kW	1.60	1.59	1.59	-	1.80	1.80	1.79	-	2.02	2.02	2.02	-	2.27	2.27	2.26	-	2.54	2.54	2.54	-	2.86	2.86	2.86	-	
	Amps	6.45	6.44	6.42	-	7.37	7.36	7.35	-	8.40	8.40	8.38	-	9.52	9.51	9.50	-	10.77	10.76	10.75	-	12.24	12.23	12.21	-	
	Hi PR	270	271	273	-	311	313	314	-	355	356	358	-	402	403	405	-	452	453	455	-	506	507	509	-	
Lo PR	135	136	140	-	143	144	147	-	149	151	154	-	155	157	160	-	161	162	166	-	168	170	173	-		

IDB = Entering Indoor Dry Bulb Temperature

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

Shaded area reflects ACCA (TVA) conditions.

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

kW = total system power

		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85															
		ENTERING INDOOR WET BULB TEMPERATURE																							
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71												
887	MBh	24.3	24.7	25.4	26.5	24.1	24.5	25.2	26.3	23.5	23.8	24.6	25.6	22.4	22.8	23.5	24.6	21.1	21.4	22.2	23.3	19.9	20.2	21.0	22.0
	S/T	0.85	0.77	0.62	0.5	1.00	0.77	0.63	0.5	1.00	0.80	0.66	0.5	1.00	0.82	0.68	0.5	1.00	1.00	0.70	0.5	1.00	1.00	0.75	0.6
	ΔT	20.90	19.22	16.07	12.8	20.85	19.17	16.02	12.8	21.09	19.41	16.26	13.0	20.84	19.15	16.01	12.7	20.61	18.93	15.78	12.5	21.67	19.98	16.84	13.6
	kW	1.58	1.57	1.57	1.6	1.78	1.78	1.77	1.8	2.00	2.00	2.00	2.0	2.25	2.25	2.24	2.3	2.52	2.52	2.52	2.5	2.84	2.84	2.84	2.9
	Amps	6.36	6.35	6.34	6.4	7.28	7.28	7.26	7.3	8.32	8.31	8.29	8.4	9.44	9.43	9.41	9.5	10.68	10.68	10.66	10.7	12.15	12.14	12.13	12.2
	Hi PR	265	267	268	273	307	308	310	315	350	352	353	358	397	398	400	405	448	449	451	455	502	503	505	509
	Lo PR	130	132	135	140	138	139	143	148	145	146	149	155	150	152	155	161	156	158	161	166	163	165	168	173
	MBh	24.7	25.1	25.8	26.9	24.5	24.9	25.6	26.7	23.9	24.2	24.9	26.0	22.8	23.1	23.9	25.0	21.5	21.8	22.5	23.6	20.3	20.6	21.3	22.4
	S/T	0.88	0.80	0.66	0.5	1.00	0.81	0.67	0.5	1.00	0.84	0.69	0.5	1.00	0.86	0.71	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.79	0.6
	ΔT	20.03	18.34	15.20	11.9	19.98	18.30	15.15	11.9	20.22	18.53	15.39	12.1	19.97	18.28	15.14	11.9	19.74	18.06	14.91	11.7	20.79	19.11	15.96	12.7
1000	kW	1.59	1.58	1.58	1.6	1.79	1.79	1.78	1.8	2.01	2.01	2.01	2.0	2.26	2.26	2.25	2.3	2.53	2.53	2.53	2.5	2.85	2.85	2.85	2.9
	Amps	6.40	6.39	6.38	6.4	7.32	7.32	7.30	7.4	8.36	8.35	8.34	8.4	9.48	9.47	9.45	9.5	10.73	10.72	10.70	10.8	12.19	12.18	12.17	12.2
	Hi PR	268	269	271	275	309	310	312	317	353	354	356	360	399	401	402	407	450	451	453	457	504	505	507	511
	Lo PR	132	134	137	142	140	142	145	150	147	148	152	157	153	154	157	163	158	160	163	168	165	167	170	176
	MBh	25.2	25.6	26.3	27.4	25.0	25.4	26.1	27.2	24.4	24.7	25.5	26.6	23.3	23.7	24.4	25.5	22.0	22.3	23.1	24.2	20.8	21.1	21.9	23.0
	S/T	1.00	0.82	0.67	0.5	1.00	0.82	0.68	0.5	1.00	0.85	0.70	0.6	1.00	1.00	0.72	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.80	0.7
	ΔT	19.18	17.49	14.35	11.1	19.13	17.45	14.30	11.0	19.37	17.68	14.54	11.3	19.11	17.43	14.29	11.0	18.89	17.21	14.06	10.8	19.94	18.26	15.11	11.9
	kW	1.59	1.59	1.59	1.6	1.80	1.79	1.79	1.8	2.02	2.02	2.02	2.0	2.27	2.26	2.26	2.3	2.54	2.54	2.53	2.5	2.86	2.86	2.85	2.9
	Amps	6.44	6.43	6.42	6.5	7.36	7.36	7.34	7.4	8.40	8.39	8.37	8.4	9.52	9.51	9.49	9.6	10.77	10.76	10.74	10.8	12.23	12.22	12.21	12.3
	Hi PR	270	271	273	278	312	313	315	319	355	356	358	363	402	403	405	410	452	454	455	460	506	507	509	514
Lo PR	135	136	140	145	143	144	147	153	149	151	154	160	155	157	160	166	161	162	166	173	168	170	173	178	
1125	MBh	24.3	24.7	25.4	26.5	24.1	24.5	25.2	26.3	23.5	23.8	24.6	25.6	22.4	22.8	23.5	24.6	21.1	21.4	22.2	23.3	19.9	20.2	21.0	22.0
	S/T	0.85	0.77	0.62	0.5	1.00	0.77	0.63	0.5	1.00	0.80	0.66	0.5	1.00	0.82	0.68	0.5	1.00	1.00	0.70	0.5	1.00	1.00	0.75	0.6
	ΔT	20.90	19.22	16.07	12.8	20.85	19.17	16.02	12.8	21.09	19.41	16.26	13.0	20.84	19.15	16.01	12.7	20.61	18.93	15.78	12.5	21.67	19.98	16.84	13.6
	kW	1.58	1.57	1.57	1.6	1.78	1.78	1.77	1.8	2.00	2.00	2.00	2.0	2.25	2.25	2.24	2.3	2.52	2.52	2.52	2.5	2.84	2.84	2.84	2.9
	Amps	6.36	6.35	6.34	6.4	7.28	7.28	7.26	7.3	8.32	8.31	8.29	8.4	9.44	9.43	9.41	9.5	10.68	10.68	10.66	10.7	12.15	12.14	12.13	12.2
	Hi PR	265	267	268	273	307	308	310	315	350	352	353	358	397	398	400	405	448	449	451	455	502	503	505	509
	Lo PR	130	132	135	140	138	139	143	148	145	146	149	155	150	152	155	161	156	158	161	166	163	165	168	173
	MBh	24.7	25.1	25.8	26.9	24.5	24.9	25.6	26.7	23.9	24.2	24.9	26.0	22.8	23.1	23.9	25.0	21.5	21.8	22.5	23.6	20.3	20.6	21.3	22.4
	S/T	0.88	0.80	0.66	0.5	1.00	0.81	0.67	0.5	1.00	0.84	0.69	0.5	1.00	0.86	0.71	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.79	0.6
	ΔT	20.03	18.34	15.20	11.9	19.98	18.30	15.15	11.9	20.22	18.53	15.39	12.1	19.97	18.28	15.14	11.9	19.74	18.06	14.91	11.7	20.79	19.11	15.96	12.7
75	kW	1.59	1.58	1.58	1.6	1.79	1.79	1.78	1.8	2.01	2.01	2.01	2.0	2.26	2.26	2.25	2.3	2.53	2.53	2.53	2.5	2.85	2.85	2.85	2.9
	Amps	6.40	6.39	6.38	6.4	7.32	7.32	7.30	7.4	8.36	8.35	8.34	8.4	9.48	9.47	9.45	9.5	10.73	10.72	10.70	10.8	12.19	12.18	12.17	12.2
	Hi PR	268	269	271	275	309	310	312	317	353	354	356	360	399	401	402	407	450	451	453	457	504	505	507	511
	Lo PR	132	134	137	142	140	142	145	150	147	148	152	157	153	154	157	163	158	160	163	168	165	167	170	176
	MBh	25.2	25.6	26.3	27.4	25.0	25.4	26.1	27.2	24.4	24.7	25.5	26.6	23.3	23.7	24.4	25.5	22.0	22.3	23.1	24.2	20.8	21.1	21.9	23.0
	S/T	1.00	0.82	0.67	0.5	1.00	0.82	0.68	0.5	1.00	0.85	0.70	0.6	1.00	1.00	0.72	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.80	0.7
	ΔT	19.18	17.49	14.35	11.1	19.13	17.45	14.30	11.0	19.37	17.68	14.54	11.3	19.11	17.43	14.29	11.0	18.89	17.21	14.06	10.8	19.94	18.26	15.11	11.9
	kW	1.59	1.59	1.59	1.6	1.80	1.79	1.79	1.8	2.02	2.02	2.02	2.0	2.27	2.26	2.26	2.3	2.54	2.54	2.53	2.5	2.86	2.86	2.85	2.9
	Amps	6.44	6.43	6.42	6.5	7.36	7.36	7.34	7.4	8.40	8.39	8.37	8.4	9.52	9.51	9.49	9.6	10.77	10.76	10.74	10.8	12.23	12.22	12.21	12.3
	Hi PR	270	271	273	278	312	313	315	319	355	356	358	363	402	403	405	410	452	454	455	460	506	507	509	514
Lo PR	135	136	140	145	143	144	147	153	149	151	154	160	155	157	160	166	161	162	166	173	168	170	173	178	

IDB = Entering Indoor Dry Bulb Temperature

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

Shaded area reflects ACCA (TVA) conditions.

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

kW = total system power

IDB		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																																			
				65						75						85						95						105						115					
				59		63		67		71		75		79		83		87		91		95		99		103		107		111		115							
887		AIRFLOW		ENTERING INDOOR WET BULB TEMPERATURE																																			
				59		63		67		71		75		79		83		87		91		95		99		103		107		111		115							
				MBh	24.5	24.8	25.5	26.6	24.2	24.6	25.3	26.4	23.6	24.0	24.7	25.8	22.5	22.9	23.6	24.7	21.2	21.6	22.3	23.4	20.0	20.4	21.1	22.2	21.2	21.6	22.3	23.4	20.0	20.4	21.1	22.2			
				S/T	1.00	0.90	0.76	0.6	1.00	0.91	0.76	0.6	1.00	1.00	0.79	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	1.00	0.7	1.00	1.00	0.83	0.7	1.00	1.00	1.00	0.7			
				ΔT	24.63	22.94	19.80	16.5	24.58	22.90	19.75	16.5	24.82	23.14	19.99	16.7	24.57	22.88	19.74	16.5	24.34	22.66	19.51	16.3	25.40	23.71	20.57	17.3	24.34	22.66	19.51	16.3	25.40	23.71	20.57	17.3			
				kW	1.58	1.58	1.57	1.6	1.78	1.78	1.77	1.8	2.01	2.00	2.00	2.0	2.25	2.25	2.24	2.3	2.52	2.52	2.52	2.5	2.84	2.84	2.84	2.9	2.52	2.52	2.52	2.5	2.84	2.84	2.84	2.9			
80		AIRFLOW		Amps	6.36	6.36	6.34	6.4	7.29	7.28	7.27	7.3	8.32	8.31	8.30	8.4	9.44	9.43	9.42	9.5	10.69	10.68	10.67	10.7	12.16	12.15	12.13	12.2	12.16	12.15	12.13	12.2							
				Hi PR	266	267	269	274	307	309	310	315	351	352	354	358	398	399	401	405	448	449	451	456	502	503	505	510	448	449	451	456	502	503	505	510			
				Lo PR	131	132	135	141	138	140	143	149	145	147	150	155	151	153	156	161	157	158	161	167	164	165	169	174	157	158	161	167	164	165	169	174			
				MBh	24.9	25.2	25.9	27.0	24.6	25.0	25.7	26.8	24.0	24.3	25.1	26.2	22.9	23.3	24.0	25.1	21.6	22.0	22.7	23.8	20.4	20.7	21.5	22.6	21.6	22.0	22.7	23.8	20.4	20.7	21.5	22.6			
1000		AIRFLOW		S/T	1.00	0.94	0.79	0.6	1.00	0.94	0.80	0.6	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	1.00	0.87	0.7	1.00	1.00	1.00	0.87	0.7	1.00	1.00	1.00	0.8					
				ΔT	23.76	22.07	18.93	15.7	23.71	22.03	18.88	15.6	23.95	22.26	19.12	15.9	23.69	22.01	18.86	15.6	23.47	21.78	18.64	15.4	24.52	22.84	19.69	16.4	23.47	21.78	18.64	15.4	24.52	22.84	19.69	16.4			
				kW	1.59	1.58	1.58	1.6	1.79	1.79	1.78	1.8	2.01	2.01	2.01	2.0	2.26	2.26	2.25	2.3	2.53	2.53	2.53	2.5	2.85	2.85	2.85	2.9	2.53	2.53	2.53	2.5	2.85	2.85	2.85	2.9			
				Amps	6.40	6.40	6.38	6.5	7.33	7.32	7.31	7.4	8.36	8.36	8.34	8.4	9.48	9.47	9.46	9.5	10.73	10.72	10.71	10.8	12.20	12.19	12.17	12.2	10.73	10.72	10.71	10.8	12.20	12.19	12.17	12.2			
1125		AIRFLOW		Hi PR	268	269	271	276	310	311	313	317	353	354	356	361	400	401	403	408	450	452	453	458	504	505	507	512	450	452	453	458	504	505	507	512			
				Lo PR	133	134	138	143	141	142	145	151	147	149	152	158	153	155	158	163	159	160	164	169	166	167	171	176	159	160	164	169	166	167	171	176			
				MBh	25.4	25.7	26.4	27.5	25.2	25.5	26.2	27.3	24.5	24.9	25.6	26.7	23.5	23.8	24.5	25.6	22.1	22.5	23.2	24.3	20.9	21.3	22.0	23.1	22.1	22.5	23.2	24.3	20.9	21.3	22.0	23.1			
				S/T	1.00	0.95	0.80	0.7	1.00	0.96	0.81	0.7	1.00	1.00	0.84	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	0.88	0.7	1.00	1.00	1.00	0.8			
		AIRFLOW		ΔT	22.91	21.22	18.08	14.8	22.86	21.18	18.03	14.8	23.10	21.41	18.27	15.0	22.84	21.16	18.01	14.8	22.62	20.93	17.79	14.5	23.67	21.99	18.84	15.6	22.62	20.93	17.79	14.5	23.67	21.99	18.84	15.6			
				kW	1.59	1.59	1.59	1.6	1.80	1.80	1.79	1.8	2.02	2.02	2.02	2.0	2.27	2.27	2.26	2.3	2.54	2.54	2.54	2.6	2.86	2.86	2.86	2.9	2.54	2.54	2.54	2.6	2.86	2.86	2.86	2.9			
				Amps	6.44	6.44	6.42	6.5	7.37	7.36	7.35	7.4	8.40	8.40	8.38	8.5	9.52	9.51	9.50	9.6	10.77	10.76	10.75	10.8	12.24	12.23	12.21	12.3	10.77	10.76	10.75	10.8	12.24	12.23	12.21	12.3			
				Hi PR	271	272	274	278	312	313	315	320	356	357	359	363	402	404	405	410	453	454	456	460	507	508	510	514	453	454	456	460	507	508	510	514			
		AIRFLOW		Lo PR	135	137	140	146	143	145	148	154	150	152	155	160	156	157	161	166	161	163	166	171	169	170	173	179	161	163	166	171	169	170	173	179			

	887										1000										1125																		
	MBh 5/T ΔT kW Amps Hi PR Lo PR	24.9 1.00 27.94 1.58 6.38 267 132	25.2 1.00 26.25 1.58 6.37 268 134	25.9 0.86 23.11 1.58 6.36 270 137	27.0 0.7 19.8 1.6 6.4 275 143	24.7 1.00 27.89 1.78 7.31 309 140	25.0 1.00 26.21 1.78 7.30 310 142	25.7 0.87 23.06 1.8 7.28 312 145	26.8 0.7 19.8 1.8 7.4 316 151	24.0 1.00 28.13 2.01 8.34 352 147	24.4 1.00 26.44 2.01 8.33 353 149	25.1 0.90 23.30 2.00 8.32 355 152	26.2 0.7 20.0 2.0 8.4 360 157	22.9 1.00 27.87 2.25 9.46 399 153	23.3 1.00 26.19 2.25 9.45 400 154	24.0 0.92 23.04 2.25 9.43 402 158	25.1 0.8 19.8 2.3 9.5 407 163	21.6 1.00 27.65 2.53 10.71 449 159	22.0 1.00 25.96 2.52 10.70 451 160	22.7 1.00 22.82 2.52 10.68 452 163	23.8 0.8 19.6 2.5 10.8 457 169	20.4 1.00 28.70 2.85 12.17 503 166	20.8 1.00 27.02 2.85 12.17 504 167	21.5 1.00 23.87 2.84 12.15 506 170	22.6 0.8 20.6 2.9 12.2 511 176														
85	MBh	25.3	25.6	26.3	27.4	25.0	25.4	26.1	27.2	24.4	24.8	25.5	26.6	23.3	23.7	24.4	25.5	22.0	22.4	23.1	24.2	20.8	21.2	21.9	23.0														
	5/T	1.00	1.00	0.90	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	0.8	1.00	1.00	1.00	0.9														
	ΔT	27.06	25.38	22.23	19.0	27.02	25.33	22.19	18.9	27.26	25.57	22.43	19.2	27.00	25.32	22.17	18.9	26.78	25.09	21.95	18.7	27.83	26.15	23.00	19.7														
	kW	1.59	1.59	1.59	1.6	1.79	1.79	1.79	1.8	2.02	2.02	2.01	2.0	2.26	2.26	2.26	2.3	2.54	2.53	2.53	2.5	2.86	2.85	2.85	2.9														
	Amps	6.42	6.41	6.40	6.5	7.35	7.34	7.32	7.4	8.38	8.37	8.36	8.4	9.50	9.49	9.48	9.5	10.75	10.74	10.73	10.8	12.21	12.21	12.19	12.3														
	Hi PR	269	271	272	277	311	312	314	318	354	355	357	362	401	402	404	409	452	453	455	459	506	507	508	513														
	Lo PR	135	136	139	145	142	144	147	153	149	151	154	160	155	157	160	165	161	162	166	171	168	169	173	178														
	MBh	25.8	26.1	26.8	27.9	25.6	25.9	26.6	27.7	24.9	25.3	26.0	27.1	23.9	24.2	24.9	26.0	22.5	22.9	23.6	24.7	21.3	21.7	22.4	23.5														
	5/T	1.00	1.00	0.91	0.8	1.00	1.00	0.92	0.8	1.00	1.00	0.95	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	1.0														
	ΔT	26.21	24.53	21.38	18.1	26.17	24.48	21.34	18.1	26.40	24.72	21.58	18.3	26.15	24.47	21.32	18.1	25.93	24.24	21.10	17.8	26.98	25.30	22.15	18.9														
	kW	1.60	1.60	1.59	1.6	1.80	1.80	1.80	1.8	2.03	2.03	2.02	2.0	2.27	2.27	2.27	2.3	2.54	2.54	2.54	2.6	2.86	2.86	2.86	2.9														
	Amps	6.46	6.45	6.44	6.5	7.39	7.38	7.36	7.4	8.42	8.41	8.40	8.5	9.54	9.53	9.52	9.6	10.79	10.78	10.77	10.8	12.25	12.25	12.23	12.3														
	Hi PR	272	273	275	279	313	315	316	321	357	358	360	364	404	405	407	411	454	455	457	462	508	509	511	516														
	Lo PR	137	139	142	148	145	147	150	155	152	154	157	162	158	159	163	168	163	165	168	174	170	172	175	181														
DB = Entering Indoor Dry Bulb Temperature										Shaded area reflects AHRI (1VA) conditions.										Amps Unit amps (comp. + evaporator + condenser fan motors)										kW = total system power									
High and low pressures are measured at the liquid and suction access fittings.																																							

		OUTDOOR AMBIENT TEMPERATURE																								
		65				75				85				95				105				115				
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	36.2	36.7	37.8	-	35.9	36.4	37.5	-	34.9	35.5	36.5	-	33.3	33.8	34.9	-	31.3	31.8	32.9	-	29.5	30.0	31.1	-
		S/T	0.62	0.54	0.40	-	0.63	0.55	0.41	-	0.65	0.58	0.44	-	0.67	0.60	0.46	-	1.00	0.62	0.48	-	1.00	0.67	0.53	-
		ΔT	18.85	17.11	13.85	-	18.80	17.06	13.80	-	19.05	17.30	14.05	-	18.78	17.04	13.79	-	18.55	16.81	13.55	-	19.64	17.90	14.65	-
		kW	2.38	2.38	2.37	-	2.68	2.68	2.67	-	3.02	3.01	3.01	-	3.38	3.38	3.37	-	3.78	3.78	3.78	-	4.26	4.26	4.25	-
		Amps	9.54	9.53	9.50	-	10.91	10.90	10.88	-	12.44	12.43	12.41	-	14.10	14.09	14.07	-	15.95	15.94	15.92	-	18.13	18.12	18.09	-
		Hi PR	2.74	2.75	2.77	-	3.17	3.19	3.21	-	3.63	3.64	3.66	-	4.12	4.13	4.15	-	4.64	4.65	4.67	-	5.20	5.22	5.24	-
	1200	Lo PR	1.21	1.22	1.25	-	1.28	1.30	1.33	-	1.35	1.36	1.39	-	1.40	1.41	1.45	-	1.45	1.47	1.50	-	1.52	1.53	1.57	-
		MBh	36.7	37.2	38.3	-	36.4	36.9	38.0	-	35.4	35.9	37.0	-	33.8	34.3	35.4	-	31.8	32.3	33.4	-	30.0	30.5	31.6	-
		S/T	0.68	0.61	0.47	-	0.69	0.61	0.47	-	0.72	0.64	0.50	-	0.74	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.73	0.59	-
		ΔT	17.80	16.05	12.80	-	17.75	16.01	12.75	-	17.99	16.25	13.00	-	17.73	15.99	12.73	-	17.50	15.76	12.50	-	18.59	16.85	13.59	-
		kW	2.40	2.39	2.39	-	2.70	2.69	2.69	-	3.03	3.03	3.02	-	3.39	3.39	3.39	-	3.80	3.80	3.79	-	4.27	4.27	4.27	-
		Amps	9.61	9.60	9.57	-	10.98	10.97	10.95	-	12.51	12.50	12.48	-	14.17	14.16	14.14	-	15.02	16.01	15.99	-	18.20	18.19	18.16	-
1350	Hi PR	2.77	2.78	2.80	-	3.20	3.21	3.23	-	3.65	3.66	3.68	-	4.14	4.15	4.17	-	4.67	4.68	4.70	-	5.23	5.24	5.26	-	
	Lo PR	1.23	1.24	1.27	-	1.30	1.31	1.34	-	1.36	1.38	1.41	-	1.42	1.43	1.46	-	1.47	1.49	1.52	-	1.54	1.55	1.58	-	
	MBh	37.3	37.8	38.9	-	36.9	37.5	38.5	-	36.0	36.5	37.6	-	34.4	34.9	36.0	-	32.4	32.9	34.0	-	30.6	31.1	32.2	-	
	S/T	0.72	0.64	0.50	-	0.72	0.65	0.51	-	0.75	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.71	0.58	-	1.00	0.77	0.63	-	
	ΔT	16.91	15.17	11.91	-	16.86	15.12	11.86	-	17.11	15.36	12.11	-	16.84	15.10	11.85	-	16.61	14.87	11.61	-	17.70	15.96	12.71	-	
	kW	2.41	2.41	2.40	-	2.71	2.71	2.70	-	3.04	3.04	3.04	-	3.41	3.40	3.40	-	3.81	3.81	3.80	-	4.29	4.28	4.28	-	
70	Amps	9.67	9.66	9.63	-	11.04	11.03	11.01	-	12.57	12.56	12.54	-	14.23	14.22	14.20	-	16.08	16.07	16.05	-	18.26	18.25	18.22	-	
	Hi PR	2.79	2.80	2.82	-	3.22	3.23	3.25	-	3.67	3.69	3.71	-	4.16	4.17	4.19	-	4.69	4.70	4.72	-	5.25	5.26	5.28	-	
	Lo PR	1.24	1.26	1.29	-	1.32	1.33	1.36	-	1.38	1.40	1.43	-	1.44	1.45	1.48	-	1.49	1.51	1.54	-	1.56	1.57	1.60	-	

		OUTDOOR AMBIENT TEMPERATURE																								
		65				75				85				95				105				115				
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	MBh	36.4	36.9	38.0	39.7	36.1	36.6	37.7	39.3	35.2	35.7	36.8	38.4	33.5	34.0	35.1	36.8	31.5	32.1	33.1	34.8	29.7	30.2	31.3	33.0	
	S/T	0.88	0.80	0.67	0.5	1.00	0.81	0.67	0.5	1.00	0.84	0.70	0.6	1.00	0.86	0.72	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.79	0.6	
	ΔT	26.54	24.80	21.54	18.2	26.49	24.75	21.50	18.1	26.74	25.00	21.74	18.4	26.48	24.73	21.48	18.1	26.24	24.50	21.25	17.9	27.34	25.59	22.34	19.0	
	kW	2.38	2.38	2.37	2.4	2.68	2.68	2.67	2.7	3.02	3.01	3.01	3.0	3.38	3.38	3.37	3.4	3.78	3.78	3.77	3.8	4.26	4.25	4.25	4.3	
	Amps	9.53	9.52	9.50	9.6	10.91	10.90	10.87	11.0	12.44	12.43	12.41	12.5	14.10	14.09	14.06	14.2	15.95	15.94	15.92	16.0	18.12	18.11	18.09	18.2	
	Hi PR	275	276	278	282.9	318	319	321	326.1	364	365	367	371.5	412	414	415	420.3	465	466	468	472.9	521	522	524	529.1	
	Lo PR	121	123	126	131.0	129	130	133	138.4	135	137	140	144.8	141	142	145	150.2	146	147	150	155.6	153	154	157	162.3	
	MBh	36.9	37.4	38.5	40.1	36.6	37.1	38.2	39.8	35.6	36.1	37.2	38.9	34.0	34.5	35.6	37.3	32.0	32.5	33.6	35.3	30.2	30.7	31.8	33.4	
	S/T	1.00	0.87	0.73	0.6	1.00	0.87	0.73	0.6	1.00	0.90	0.76	0.6	1.00	0.92	0.78	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.85	0.7	
	ΔT	25.49	23.75	20.49	17.1	25.44	23.70	20.44	17.1	25.69	23.94	20.69	17.3	25.42	23.68	20.43	17.1	25.19	23.45	20.19	16.8	26.28	24.54	21.28	17.9	
1200	kW	2.40	2.39	2.39	2.4	2.70	2.69	2.69	2.7	3.03	3.03	3.02	3.0	3.39	3.39	3.39	3.4	3.80	3.80	3.79	3.8	4.27	4.27	4.27	4.3	
	Amps	9.61	9.60	9.57	9.7	10.98	10.97	10.94	11.0	12.51	12.50	12.48	12.6	14.17	14.16	14.14	14.2	16.02	16.01	15.99	16.1	18.20	18.19	18.16	18.3	
	Hi PR	277	278	280	285.2	321	322	324	328.5	366	367	369	373.8	415	416	418	422.6	467	469	470	475.2	524	525	527	531.4	
	Lo PR	123	125	128	132.8	130	132	135	140.1	137	138	141	146.6	142	144	147	152.0	148	149	152	157.4	154	156	159	164.0	
	MBh	37.5	38.0	39.1	40.7	37.2	37.7	38.7	40.4	36.2	36.7	37.8	39.5	34.6	35.1	36.2	37.8	32.6	33.1	34.2	35.8	30.8	31.3	32.4	34.0	
	S/T	1.00	0.90	0.76	0.6	1.00	0.91	0.77	0.6	1.00	0.93	0.79	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.89	0.7	
	ΔT	24.60	22.86	19.60	16.2	24.55	22.81	19.56	16.2	24.80	23.06	19.80	16.4	24.54	22.79	19.54	16.2	24.30	22.56	19.31	15.9	25.40	23.65	20.40	17.0	
	kW	2.41	2.41	2.40	2.4	2.71	2.71	2.70	2.7	3.04	3.04	3.04	3.1	3.41	3.40	3.40	3.4	3.81	3.81	3.80	3.8	4.29	4.28	4.28	4.3	
	Amps	9.67	9.65	9.63	9.7	11.04	11.03	11.00	11.1	12.57	12.56	12.54	12.6	14.23	14.22	14.19	14.3	16.08	16.07	16.05	16.2	18.26	18.24	18.22	18.3	
	Hi PR	280	281	283	287.5	323	324	326	330.7	368	369	371	376.1	417	418	420	424.9	470	471	473	477.5	526	527	529	533.7	
Lo PR	125	127	130	134.8	132	134	137	142.1	139	140	143	148.5	144	146	149	154.0	150	151	154	159.3	156	158	161	166.0		
1350	MBh	37.5	38.0	39.1	40.7	37.2	37.7	38.7	40.4	36.2	36.7	37.8	39.5	34.6	35.1	36.2	37.8	32.6	33.1	34.2	35.8	30.8	31.3	32.4	34.0	
	S/T	1.00	0.90	0.76	0.6	1.00	0.91	0.77	0.6	1.00	0.93	0.79	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.89	0.7	
	ΔT	24.60	22.86	19.60	16.2	24.55	22.81	19.56	16.2	24.80	23.06	19.80	16.4	24.54	22.79	19.54	16.2	24.30	22.56	19.31	15.9	25.40	23.65	20.40	17.0	
	kW	2.41	2.41	2.40	2.4	2.71	2.71	2.70	2.7	3.04	3.04	3.04	3.1	3.41	3.40	3.40	3.4	3.81	3.81	3.80	3.8	4.29	4.28	4.28	4.3	
	Amps	9.67	9.65	9.63	9.7	11.04	11.03	11.00	11.1	12.57	12.56	12.54	12.6	14.23	14.22	14.19	14.3	16.08	16.07	16.05	16.2	18.26	18.24	18.22	18.3	
	Hi PR	280	281	283	287.5	323	324	326	330.7	368	369	371	376.1	417	418	420	424.9	470	471	473	477.5	526	527	529	533.7	
	Lo PR	125	127	130	134.8	132	134	137	142.1	139	140	143	148.5	144	146	149	154.0	150	151	154	159.3	156	158	161	166.0	
	85	MBh	37.0	37.5	38.6	40.3	36.7	37.2	38.3	40.0	35.8	36.3	37.4	39.0	34.1	34.7	35.7	37.4	32.2	32.7	33.7	35.4	30.3	30.8	31.9	33.6
		S/T	1.00	0.91	0.77	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	0.84	0.7	1.00	1.00	1.00	0.8
		ΔT	29.96	28.22	24.97	21.6	29.92	28.17	24.92	21.5	30.16	28.42	25.16	21.8	29.90	28.16	24.90	21.5	29.67	27.92	24.67	21.3	30.76	29.01	25.76	22.4
kW		2.39	2.38	2.38	2.4	2.69	2.68	2.68	2.7	3.02	3.02	3.01	3.0	3.38	3.38	3.38	3.4	3.79	3.79	3.78	3.8	4.26	4.26	4.26	4.3	
Amps		9.56	9.55	9.53	9.6	10.93	10.92	10.90	11.0	12.47	12.46	12.43	12.5	14.12	14.11	14.09	14.2	15.98	15.97	15.94	16.0	18.15	18.14	18.12	18.2	
Hi PR		276	277	279	284.2	320	321	323	327.4	365	366	368	372.8	414	415	417	421.6	466	467	469	474.2	522	524	526	530.4	
Lo PR		123	125	128	132.8	130	132	135	140.2	137	138	141	146.6	142	144	147	152.1	148	149	152	157.4	154	156	159	164.1	
MBh		37.5	38.0	39.1	40.8	37.2	37.7	38.8	40.4	36.2	36.8	37.8	39.5	34.6	35.1	36.2	37.9	32.6	33.1	34.2	35.9	30.8	31.3	32.4	34.1	
S/T		1.00	0.97	0.83	0.7	1.00	0.96	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.91	0.8	1.00	1.00	1.00	0.8	
ΔT		28.91	27.17	23.91	20.5	28.86	27.12	23.87	20.5	29.11	27.37	24.11	20.7	28.85	27.10	23.85	20.5	28.61	26.87	23.62	20.2	29.70	27.96	24.71	21.3	
1200	kW	2.40	2.40	2.39	2.4	2.70	2.70	2.69	2.7	3.04	3.03	3.03	3.1	3.40	3.40	3.39	3.4	3.80	3.80	3.80	3.8	4.28	4.28	4.27	4.3	
	Amps	9.63	9.62	9.60	9.7	11.01	10.99	10.97	11.1	12.54	12.53	12.50	12.6	14.20	14.18	14.16	14.3	16.05	16.04	16.01	16.1	18.22	18.21	18.19	18.3	
	Hi PR	279	280	282	286.5	322	323	325	329.8	367	368	370	375.1	416	417	419	423.9	469	470	472	476.5	525	526	528	532.7	
	Lo PR	125	126	129	134.6	132	134	137	142.0	139	140	143	148.4	144	146	149	153.8	149	151	154	159.2	156	158	161	165.9	
	MBh	38.1	38.6	39.7	41.3	37.8	38.3	39.4	41.0	36.8	37.3	38.4	40.1	35.2	35.7	36.8	38.4	33.2	33.7	34.8	36.4	31.4	31.9	33.0	34.6	
	S/T	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.90	0.8	1.00	1.00	0.92	0.8	1.00	1.00	0.94	0.8	1.00	1.00	1.00	0.8	
	ΔT	28.03	26.28	23.03	19.7	27.98	26.23	22.98	19.6	28.22	26.48	23.22	19.9	27.96	26.22	22.96	19.6	27.73	25.98	22.73	19.4	28.82	27.07	23.82	20.4	
	kW	2.41	2.41	2.41	2.4	2.71	2.71	2.71	2.7	3.05	3.05	3.04	3.1	3.41	3.41	3.40	3.4	3.82	3.81	3.81	3.8	4.29	4.29	4.28	4.3	
	Amps	9.69	9.68	9.66	9.8	11.06	11.05	11.03	11.1	12.60	12.59	12.56	12.7	14.26	14.24	14.22	14.3	16.11	16.10	16.07	16.2	18.28	18.27	18.25	18.4	
	Hi PR	281	282	284	288.7	324	325	327	332.0	369	371	373	377.3	418	419	421	426.2	471	472	474	478.8	527	528	530	534.9	
Lo PR	127	128	131	136.6	134	136	139	143.9	141	142	145	150.4	146	148	151	155.8	151	153	156	161.1	158	160	163	167.8		
1350	MBh	38.1	38.6	39.7	41.3	37.8	38.3	39.4	41.0	36.8	37.3	38.4	40.1	35.2	35.7	36.8	38.4	33.2	33.7	34.8	36.4	31.4	31.9	33.0	34.6	
	S/T	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.90	0.8	1.00	1.00	0.92	0.8	1.00	1.00	0.94	0.8	1.00	1.00	1.00	0.8	
	ΔT	28.03	26.28	23.03	19.7	27.98	26.23	22.98	19.6	28.22	26.48	23.22	19.9	27.96	26.22	22.96	19.6	27.73	25.98	22.73	19.4	28.82	27.07	23.82	20.4	
	kW	2.41	2.41	2.41	2.4	2.71	2.71	2.71	2.7	3.05	3.05	3.04	3.1	3.41	3.41	3.										

IDB = Entering Indoor Dry Bulb Temperature

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

Shaded area reflects AHR (I/V) conditions.

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

kW = total system power

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

IDB		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																							
				65				75				85				95				105				115			
				ENTERING INDOOR WET BULB TEMPERATURE																							
70	1300	MBh	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
		S/T	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	-	
		ΔT	0.68	0.60	0.46	-	0.69	0.61	0.47	-	0.71	0.63	0.49	-	1.00	0.65	0.51	-	1.00	0.68	0.54	-	1.00	0.73	0.59	-	
		kW	18.59	16.77	13.37	-	18.54	16.72	13.32	-	18.80	16.98	13.58	-	18.52	16.70	13.30	-	18.28	16.46	13.06	-	19.42	17.60	14.20	-	
		Amps	2.69	2.69	2.69	-	3.03	3.03	3.02	-	3.41	3.40	3.40	-	3.81	3.81	3.80	-	4.27	4.26	4.26	-	4.80	4.80	4.79	-	
		Hi PR	10.91	10.90	10.87	-	12.45	12.44	12.41	-	14.17	14.15	14.13	-	16.03	16.01	15.99	-	18.10	18.09	18.07	-	20.54	20.53	20.50	-	
		Lo PR	264	265	267	-	305	307	308	-	349	350	352	-	395	396	398	-	446	447	449	-	499	500	502	-	
70	1400	MBh	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
		S/T	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	-	
		ΔT	0.70	0.63	0.49	-	0.71	0.63	0.49	-	0.73	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.75	0.61	-	
		kW	18.00	16.18	12.78	-	17.95	16.13	12.73	-	18.21	16.39	12.99	-	17.94	16.12	12.72	-	17.69	15.87	12.47	-	18.83	17.01	13.61	-	
		Amps	2.70	2.70	2.70	-	3.04	3.04	3.03	-	3.42	3.41	3.41	-	3.82	3.82	3.81	-	4.28	4.27	4.27	-	4.81	4.81	4.80	-	
		Hi PR	10.95	10.94	10.91	-	12.49	12.48	12.45	-	14.21	14.20	14.17	-	16.07	16.06	16.03	-	18.15	18.13	18.11	-	20.58	20.57	20.55	-	
		Lo PR	265	267	268	-	307	308	310	-	350	351	353	-	397	398	400	-	447	448	450	-	501	502	504	-	
70	1575	MBh	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
		S/T	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	-	
		ΔT	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	0.63	-	
		kW	17.09	15.27	11.87	-	17.04	15.22	11.82	-	17.29	15.47	12.07	-	17.03	15.20	11.80	-	16.78	14.95	11.55	-	17.92	16.09	12.69	-	
		Amps	2.72	2.72	2.71	-	3.05	3.05	3.05	-	3.43	3.43	3.42	-	3.84	3.83	3.83	-	4.29	4.29	4.28	-	4.82	4.82	4.81	-	
		Hi PR	11.02	11.00	10.98	-	12.56	12.54	12.52	-	14.27	14.26	14.24	-	16.13	16.12	16.10	-	18.21	18.20	18.17	-	20.65	20.64	20.61	-	
		Lo PR	268	269	271	-	309	310	312	-	352	354	355	-	399	400	402	-	449	450	452	-	503	504	506	-	
70	1575	MBh	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
		S/T	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	-	
		ΔT	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	0.63	-	
		kW	17.09	15.27	11.87	-	17.04	15.22	11.82	-	17.29	15.47	12.07	-	17.03	15.20	11.80	-	16.78	14.95	11.55	-	17.92	16.09	12.69	-	
		Amps	2.72	2.72	2.71	-	3.05	3.05	3.05	-	3.43	3.43	3.42	-	3.84	3.83	3.83	-	4.29	4.29	4.28	-	4.82	4.82	4.81	-	
		Hi PR	11.02	11.00	10.98	-	12.56	12.54	12.52	-	14.27	14.26	14.24	-	16.13	16.12	16.10	-	18.21	18.20	18.17	-	20.65	20.64	20.61	-	
		Lo PR	268	269	271	-	309	310	312	-	352	354	355	-	399	400	402	-	449	450	452	-	503	504	506	-	
70	1575	MBh	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
		S/T	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	-	
		ΔT	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	0.63	-	
		kW	17.09	15.27	11.87	-	17.04	15.22	11.82	-	17.29	15.47	12.07	-	17.03	15.20	11.80	-	16.78	14.95	11.55	-	17.92	16.09	12.69	-	
		Amps	2.72	2.72	2.71	-	3.05	3.05	3.05	-	3.43	3.43	3.42	-	3.84	3.83	3.83	-	4.29	4.29	4.28	-	4.82	4.82	4.81	-	
		Hi PR	11.02	11.00	10.98	-	12.56	12.54	12.52	-	14.27	14.26	14.24	-	16.13	16.12	16.10	-	18.21	18.20	18.17	-	20.65	20.64	20.61	-	
		Lo PR	268	269	271	-	309	310	312	-	352	354	355	-	399	400	402	-	449	450	452	-	503	504	506	-	
70	1575	MBh	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
		S/T	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	-	
		ΔT	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	0.63	-	
		kW	17.09	15.27	11.87	-	17.04	15.22	11.82	-	17.29	15.47	12.07	-	17.03	15.20	11.80	-	16.78	14.95	11.55	-	17.92	16.09	12.69	-	
		Amps	2.72	2.72	2.71	-	3.05	3.05	3.05	-	3.43	3.43	3.42	-	3.84	3.83	3.83	-	4.29	4.29	4.28	-	4.82	4.82	4.81	-	
		Hi PR	11.02	11.00	10.98	-	12.56	12.54	12.52	-	14.27	14.26	14.24	-	16.13	16.12	16.10	-	18.21	18.20	18.17	-	20.65	20.64	20.61	-	
		Lo PR	268	269	271	-	309	310	312	-	352	354	355	-	399	400	402	-	449	450	452	-	503	504	506	-	
70	1575	MBh	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
		S/T	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	-	
		ΔT	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	0.63	-	
		kW	17.09	15.27	11.87	-	17.04	15.22	11.82	-	17.29	15.47	12.07	-	17.03	15.20	11.80	-	16.78	14.95	11.55	-	17.92	16.09	12.69	-	
		Amps	2.72	2.72	2.71	-	3.05	3.05	3.05	-	3.43	3.43	3.42	-	3.84	3.83	3.83	-	4.29	4.29	4.28	-	4.82	4.82	4.81	-	
		Hi PR	11.02	11.00	10.98	-	12.56	12.54	12.52	-	14.27	14.26	14.24	-	16.13	16.12	16.10	-	18.21	18.20	18.17	-	20.65	20.64	20.61	-	
		Lo PR	268	269	271	-	309	310	312	-	352	354	355	-	399	400	402	-	449	450	452	-	503	504	506	-	
70	1575	MBh	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
		S/T	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	-	
		ΔT	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	0.63	-	
		kW	17.09	15.27	11.87	-	17.04	15.22	11.82	-	17.29	15.47	12.07	-	17.03	15.20	11.80	-	16.78	14.95	11.55	-	17.92	16.09	12.69	-	
		Amps	2.72	2.72	2.71	-	3.05	3.05	3.05	-	3.43	3.43	3.42	-	3.84	3.83	3.83	-	4.29	4.29	4.28	-	4.82	4.82	4.81	-	
		Hi PR	11.02	11.00	10.98	-	12.56	12.54	12.52	-	14.27	14.26	14.24	-	16.13	16.12	16.10	-	18.21	18.20	18.17	-	20.65	20.64	20.61	-	
		Lo PR	268	269	271	-	309	310	312	-	352	354	355	-	399	400	402	-	449	450	452	-	503	504	506	-	
70	1575	MBh	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
		S/T	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	-	
		ΔT	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	0.63	-	
		kW	17.09	15.27	11.87	-	17.04	15.22	11.82	-	17.29	15.47	12.07	-	17.03	15.20	11.80	-	16.78	14.95							

		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85															
1300		ENTERING INDOOR WET BULB TEMPERATURE																							
		IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71										
	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	0.59	0.4	1.00	0.74	0.60	0.5	1.00	0.76	0.63	0.5	1.00	0.78	0.65	0.5	1.00	0.81	0.67	0.5	1.00	1.00	0.72	0.6
	ΔT	22.59	20.77	17.37	13.9	22.54	20.72	17.32	13.8	22.80	20.98	17.58	14.1	22.53	20.70	17.30	13.8	22.28	20.46	17.06	13.5	23.42	21.60	18.20	14.7
	kW	2.69	2.69	2.68	2.7	3.03	3.03	3.02	3.0	3.40	3.40	3.40	3.4	3.81	3.81	3.80	3.8	4.26	4.26	4.26	4.3	4.80	4.79	4.79	4.8
	Amps	10.90	10.89	10.86	11.0	12.44	12.43	12.40	12.5	14.16	14.14	14.12	14.2	16.02	16.00	15.98	16.1	18.09	18.08	18.06	18.2	20.53	20.52	20.49	20.6
	Hi PR	264	265	267	272	306	307	309	313	349	350	352	356	396	397	399	403	446	447	449	453	499	501	502	507
	Lo PR	126	128	131	136	134	135	138	144	140	142	145	150	146	148	151	156	151	153	156	161	158	160	163	168
	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	0.83	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	0.83	0.69	0.5	1.00	1.00	0.75	0.6
	ΔT	22.01	20.19	16.79	13.3	21.96	20.14	16.74	13.2	22.21	20.39	16.99	13.5	21.94	20.12	16.72	13.2	21.70	19.88	16.48	13.0	22.84	21.02	17.62	14.1
	kW	2.70	2.70	2.69	2.7	3.04	3.04	3.03	3.1	3.41	3.41	3.41	3.4	3.82	3.82	3.81	3.8	4.27	4.27	4.27	4.3	4.81	4.80	4.80	4.8
	Amps	10.94	10.93	10.90	11.0	12.48	12.47	12.44	12.6	14.20	14.19	14.16	14.3	16.06	16.05	16.02	16.1	18.14	18.12	18.10	18.2	20.57	20.56	20.54	20.7
	Hi PR	266	267	269	273	307	308	310	315	350	351	353	358	397	398	400	404	447	448	450	455	501	502	504	508
	Lo PR	127	129	132	137	135	137	140	145	142	143	146	152	147	149	152	157	153	154	157	163	160	161	164	170
	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	21.09	19.27	15.87	12.3	21.04	19.22	15.82	12.3	21.30	19.48	16.08	12.6	21.02	19.20	15.80	12.3	20.78	18.96	15.56	12.0	21.92	20.10	16.70	13.2
	kW	2.72	2.71	2.71	2.7	3.05	3.05	3.04	3.1	3.43	3.43	3.42	3.4	3.83	3.83	3.83	3.9	4.29	4.29	4.28	4.3	4.82	4.82	4.81	4.8
	Amps	11.01	10.99	10.97	11.1	12.55	12.53	12.51	12.6	14.26	14.25	14.23	14.3	16.12	16.11	16.09	16.2	18.20	18.19	18.16	18.3	20.64	20.63	20.60	20.7
	Hi PR	268	269	271	276	309	310	312	317	353	354	356	360	399	400	402	407	449	451	452	457	503	504	506	511
	Lo PR	130	131	134	140	137	139	142	147	144	146	149	154	150	151	154	160	155	157	160	165	162	163	167	172

IDB = Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction access fittings.
 Shaded area reflects ACCA (TVA) conditions.
 Amps: Unit amps (comp. + evaporator + condenser fan motors)
 kW = total system power

		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
IDB	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	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	26.62	24.80	21.40	17.9	26.58	24.75	21.35	17.8	26.83	25.01	21.61	18.1	26.56	24.74	21.34	17.8	26.31	24.49	21.09	17.6	27.45	25.63	22.23	18.7
	kW	2.69	2.69	2.69	2.7	3.03	3.03	3.02	3.0	3.41	3.40	3.40	3.4	3.81	3.81	3.80	3.8	4.27	4.26	4.26	4.3	4.80	4.80	4.79	4.8
	Amps	10.91	10.89	10.87	11.0	12.45	12.43	12.41	12.5	14.16	14.15	14.13	14.2	16.02	16.01	15.99	16.1	18.10	18.09	18.06	18.2	20.54	20.53	20.50	20.6
	Hi PR	265	266	268	272	306	307	309	314	349	351	352	357	396	397	399	404	446	447	449	454	500	501	503	507
	Lo PR	127	128	131	137	134	136	139	144	141	142	146	151	147	148	151	157	152	154	157	162	159	160	164	169
	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	0.88	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	26.04	24.22	20.82	17.3	25.99	24.17	20.77	17.2	26.25	24.42	21.02	17.5	25.97	24.15	20.75	17.2	25.73	23.91	20.51	17.0	26.87	25.05	21.65	18.1
1400	kW	2.70	2.70	2.69	2.7	3.04	3.04	3.03	3.1	3.42	3.41	3.41	3.4	3.82	3.82	3.81	3.8	4.28	4.27	4.27	4.3	4.81	4.81	4.80	4.8
	Amps	10.95	10.94	10.91	11.0	12.49	12.48	12.45	12.6	14.21	14.19	14.17	14.3	16.07	16.05	16.03	16.1	18.14	18.13	18.11	18.2	20.58	20.57	20.54	20.7
	Hi PR	266	267	269	274	307	309	310	315	351	352	354	358	397	398	400	405	448	449	451	455	501	502	504	509
	Lo PR	128	130	133	138	136	137	140	146	142	144	147	152	148	149	152	158	153	155	158	163	160	162	165	170
	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	25.12	23.30	19.90	16.4	25.07	23.25	19.85	16.3	25.33	23.51	20.11	16.6	25.05	23.23	19.83	16.3	24.81	22.99	19.59	16.1	25.95	24.13	20.73	17.2
	kW	2.72	2.72	2.71	2.7	3.05	3.05	3.05	3.1	3.43	3.43	3.42	3.4	3.84	3.83	3.83	3.9	4.29	4.29	4.28	4.3	4.82	4.82	4.81	4.8
	Amps	11.01	11.00	10.98	11.1	12.55	12.54	12.52	12.6	14.27	14.26	14.23	14.4	16.13	16.12	16.09	16.2	18.21	18.20	18.17	18.3	20.65	20.64	20.61	20.7
	Hi PR	268	270	271	276	310	311	313	317	353	354	356	361	400	401	403	407	450	451	453	458	504	505	507	511
Lo PR	130	132	135	140	138	139	143	148	145	146	149	155	150	152	155	160	156	157	160	166	163	164	167	173	
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	30.20	28.38	24.98	21.5	30.15	28.33	24.93	21.4	30.41	28.59	25.19	21.7	30.13	28.31	24.91	21.4	29.89	28.07	24.67	21.1	31.03	29.21	25.81	22.3
	kW	2.70	2.70	2.69	2.7	3.04	3.03	3.03	3.1	3.41	3.41	3.40	3.4	3.82	3.82	3.81	3.8	4.27	4.27	4.26	4.3	4.81	4.80	4.80	4.8
	Amps	10.94	10.92	10.90	11.0	12.48	12.46	12.44	12.6	14.19	14.18	14.16	14.3	16.05	16.04	16.02	16.1	18.13	18.12	18.09	18.2	20.57	20.56	20.53	20.6
	Hi PR	266	267	269	274	307	308	310	315	351	352	354	358	397	398	400	405	448	449	450	455	501	502	504	509
	Lo PR	129	130	133	139	136	138	141	146	143	144	148	153	148	150	153	158	154	155	159	164	161	162	165	171
	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	29.61	27.79	24.39	20.9	29.56	27.74	24.34	20.8	29.82	28.00	24.60	21.1	29.55	27.73	24.33	20.8	29.30	27.48	24.08	20.6	30.44	28.62	25.22	21.7
1400	kW	2.71	2.71	2.70	2.7	3.05	3.04	3.04	3.1	3.42	3.42	3.41	3.4	3.83	3.83	3.82	3.8	4.28	4.28	4.27	4.3	4.81	4.81	4.81	4.8
	Amps	10.98	10.97	10.94	11.1	12.52	12.51	12.48	12.6	14.24	14.22	14.20	14.3	16.10	16.08	16.06	16.2	18.17	18.16	18.14	18.3	20.61	20.60	20.57	20.7
	Hi PR	267	268	270	275	309	310	312	316	352	353	355	360	399	400	402	406	449	450	452	456	502	504	505	510
	Lo PR	130	131	135	140	137	139	142	147	144	146	149	154	150	151	154	160	155	157	160	165	162	164	167	172
	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	28.70	26.88	23.48	20.0	28.65	26.83	23.43	19.9	28.90	27.08	23.68	20.2	28.63	26.81	23.41	19.9	28.39	26.56	23.16	19.6	29.53	27.70	24.30	20.8
	kW	2.72	2.72	2.72	2.7	3.06	3.06	3.05	3.1	3.44	3.43	3.43	3.5	3.84	3.84	3.83	3.9	4.30	4.29	4.29	4.3	4.83	4.83	4.82	4.8
	Amps	11.04	11.03	11.01	11.1	12.58	12.57	12.55	12.7	14.30	14.29	14.26	14.4	16.16	16.15	16.12	16.2	18.24	18.23	18.20	18.3	20.68	20.67	20.64	20.8
	Hi PR	270	271	273	277	311	312	314	319	354	355	357	362	401	402	404	408	451	452	454	459	505	506	508	512
Lo PR	132	134	137	142	140	141	144	150	146	148	151	156	152	154	157	162	157	159	162	167	164	166	169	174	
85	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	30.20	28.38	24.98	21.5	30.15	28.33	24.93	21.4	30.41	28.59	25.19	21.7	30.13	28.31	24.91	21.4	29.89	28.07	24.67	21.1	31.03	29.21	25.81	22.3
	kW	2.70	2.70	2.69	2.7	3.04	3.03	3.03	3.1	3.41	3.41	3.40	3.4	3.82	3.82	3.81	3.8	4.27	4.27	4.26	4.3	4.81	4.80	4.80	4.8
	Amps	10.94	10.92	10.90	11.0	12.48	12.46	12.44	12.6	14.19	14.18	14.16	14.3	16.05	16.04	16.02	16.1	18.13	18.12	18.09	18.2	20.57	20.56	20.53	20.6
	Hi PR	266	267	269	274	307	308	310	315	351	352	354	358	397	398	400	405	448	449	450	455	501	502	504	509
	Lo PR	129	130	133	139	136	138	141	146	143	144	148	153	148	150	153	158	154	155	159	164	161	162	165	171
	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																

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

Shaded area reflects AHRI (I/N) conditions.

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

kW = total system power

		OUTDOOR AMBIENT TEMPERATURE																								
		65				75				85				95				105				115				
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	46.8	47.5	48.9	-	46.4	47.0	48.4	-	45.2	45.8	47.2	-	43.1	43.7	45.1	-	40.5	41.1	42.5	-	38.1	38.8	40.2	-
		S/T	0.64	0.56	0.41	-	0.64	0.56	0.42	-	0.67	0.59	0.45	-	1.00	0.61	0.47	-	1.00	0.63	0.49	-	1.00	0.69	0.54	-
		ΔT	19.09	17.32	14.03	-	19.04	17.28	13.98	-	19.29	17.52	14.23	-	19.02	17.26	13.96	-	18.79	17.02	13.73	-	19.89	18.13	14.83	-
		kW	3.10	3.10	3.09	-	3.48	3.48	3.47	-	3.91	3.90	3.90	-	4.36	4.36	4.35	-	4.88	4.87	4.87	-	5.48	5.48	5.47	-
		Amps	12.04	12.03	12.00	-	13.78	13.77	13.74	-	15.72	15.71	15.68	-	17.82	17.81	17.78	-	20.17	20.16	20.13	-	22.92	22.91	22.88	-
		Hi PR	280	281	283	-	324	325	327	-	370	371	373	-	420	421	423	-	474	475	477	-	531	532	534	-
		Lo PR	125	127	130	-	133	134	137	-	139	141	144	-	145	147	150	-	151	152	155	-	157	159	162	-
	1600	MBh	47.4	48.1	49.5	-	47.0	47.7	49.1	-	45.8	46.4	47.8	-	43.7	44.3	45.7	-	41.1	41.8	43.2	-	38.8	39.4	40.8	-
		S/T	0.70	0.62	0.48	-	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	0.75	0.61	-
		ΔT	18.02	16.26	12.96	-	17.97	16.21	12.91	-	18.22	16.46	13.16	-	17.96	16.19	12.89	-	17.72	15.96	12.66	-	18.83	17.06	13.76	-
		kW	3.12	3.12	3.11	-	3.50	3.50	3.49	-	3.92	3.92	3.92	-	4.38	4.38	4.37	-	4.90	4.89	4.89	-	5.50	5.50	5.49	-
		Amps	12.13	12.12	12.09	-	13.87	13.86	13.83	-	15.81	15.80	15.77	-	17.91	17.90	17.87	-	20.26	20.25	20.22	-	23.01	23.00	22.97	-
		Hi PR	282	283	285	-	326	327	329	-	372	374	376	-	422	423	425	-	476	477	479	-	533	534	536	-
		Lo PR	127	128	132	-	135	136	139	-	141	143	146	-	147	148	152	-	152	154	157	-	159	161	164	-
	1800	MBh	48.2	48.8	50.2	-	47.7	48.4	49.8	-	46.5	47.2	48.6	-	44.4	45.1	46.5	-	41.8	42.5	43.9	-	39.5	40.2	41.6	-
		S/T	0.73	0.65	0.51	-	0.74	0.66	0.52	-	1.00	0.69	0.54	-	1.00	0.71	0.56	-	1.00	0.73	0.59	-	1.00	0.78	0.64	-
		ΔT	17.13	15.36	12.06	-	17.08	15.31	12.02	-	17.32	15.56	12.26	-	17.06	15.29	12.00	-	16.82	15.06	11.76	-	17.93	16.16	12.87	-
		kW	3.14	3.13	3.13	-	3.52	3.51	3.51	-	3.94	3.94	3.93	-	4.40	4.40	4.39	-	4.91	4.91	4.90	-	5.51	5.51	5.51	-
		Amps	12.21	12.19	12.16	-	13.95	13.93	13.90	-	15.89	15.87	15.84	-	17.99	17.97	17.94	-	20.33	20.32	20.29	-	23.09	23.07	23.04	-
		Hi PR	284	286	288	-	329	330	332	-	375	376	378	-	425	426	428	-	478	479	481	-	536	537	539	-
		Lo PR	129	131	134	-	137	138	141	-	143	145	148	-	149	150	154	-	154	156	159	-	161	163	166	-

		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85															
		ENTERING INDOOR WET BULB TEMPERATURE																							
		59	63	67	71	59	63	67	71	59	63	67	71												
1400	MBh	46.8	47.5	48.9	51.0	46.4	47.1	48.5	50.6	45.2	45.8	47.2	49.4	43.1	43.7	45.1	47.3	40.5	41.2	42.6	44.7	38.2	38.8	40.2	42.4
	S/T	0.77	0.69	0.55	0.4	0.78	0.70	0.56	0.4	1.00	0.72	0.58	0.4	1.00	0.74	0.60	0.5	1.00	0.77	0.63	0.5	1.00	1.00	0.68	0.5
	ΔT	22.97	21.21	17.91	14.5	22.92	21.16	17.86	14.4	23.17	21.41	18.11	14.7	22.90	21.14	17.84	14.4	22.67	20.90	17.61	14.2	23.77	22.01	18.71	15.3
	kW	3.10	3.10	3.09	3.1	3.48	3.48	3.47	3.5	3.90	3.90	3.89	3.9	4.36	4.36	4.35	4.4	4.87	4.87	4.86	4.9	5.48	5.47	5.47	5.5
	Amps	12.03	12.02	11.99	12.1	13.77	13.76	13.73	13.9	15.71	15.70	15.67	15.8	17.81	17.80	17.77	17.9	20.16	20.14	20.11	20.2	22.91	22.90	22.87	23.0
	Hi PR	280	281	283	288	324	325	327	332	370	372	374	378	420	421	423	428	474	475	477	482	531	532	534	539
	Lo PR	125	127	130	135	133	134	137	143	139	141	144	149	145	147	150	155	151	152	155	161	157	159	162	168
1600	MBh	47.4	48.1	49.5	51.6	47.0	47.7	49.1	51.2	45.8	46.5	47.9	50.0	43.7	44.4	45.8	47.9	41.1	41.8	43.2	45.3	38.8	39.4	40.8	43.0
	S/T	0.83	0.75	0.61	0.5	1.00	0.76	0.62	0.5	1.00	0.79	0.64	0.5	1.00	0.81	0.66	0.5	1.00	0.83	0.69	0.5	1.00	1.00	0.74	0.6
	ΔT	21.90	20.14	16.84	13.4	21.86	20.09	16.79	13.4	22.10	20.34	17.04	13.6	21.84	20.07	16.78	13.4	21.60	19.84	16.54	13.1	22.71	20.94	17.65	14.2
	kW	3.12	3.12	3.11	3.1	3.50	3.50	3.49	3.5	3.92	3.92	3.91	3.9	4.38	4.38	4.37	4.4	4.89	4.89	4.88	4.9	5.50	5.49	5.49	5.5
	Amps	12.12	12.11	12.08	12.2	13.86	13.85	13.82	13.9	15.80	15.79	15.76	15.9	17.90	17.89	17.86	18.0	20.25	20.23	20.20	20.3	23.00	22.99	22.96	23.1
	Hi PR	282	284	286	290	326	328	330	335	373	374	376	381	422	424	426	431	476	477	479	484	533	535	537	542
	Lo PR	127	129	132	137	135	136	139	145	141	143	146	151	147	148	152	157	152	154	157	162	159	161	164	169
1800	MBh	48.2	48.8	50.2	52.4	47.8	48.4	49.8	52.0	46.5	47.2	48.6	50.7	44.4	45.1	46.5	48.6	41.9	42.5	43.9	46.1	39.5	40.2	41.6	43.7
	S/T	0.87	0.79	0.65	0.5	1.00	0.80	0.65	0.5	1.00	0.82	0.68	0.5	1.00	0.84	0.70	0.6	1.00	1.00	0.72	0.6	1.00	1.00	0.78	0.6
	ΔT	21.01	19.24	15.94	12.5	20.96	19.19	15.90	12.5	21.21	19.44	16.14	12.7	20.94	19.17	15.88	12.5	20.70	18.94	15.64	12.2	21.81	20.04	16.75	13.3
	kW	3.13	3.13	3.13	3.2	3.51	3.51	3.51	3.5	3.94	3.94	3.93	4.0	4.40	4.39	4.39	4.4	4.91	4.91	4.90	4.9	5.51	5.51	5.50	5.5
	Amps	12.20	12.18	12.15	12.3	13.94	13.92	13.89	14.0	15.88	15.86	15.83	16.0	17.98	17.96	17.93	18.1	20.32	20.31	20.28	20.4	23.08	23.06	23.03	23.2
	Hi PR	285	286	288	293	329	330	332	337	375	376	378	383	425	426	428	433	478	480	482	487	536	537	539	544
	Lo PR	129	131	134	139	137	138	141	147	143	145	148	153	149	150	154	159	154	156	159	165	161	163	166	171

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

Shaded area reflects ACCA (TVA) conditions.

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

kW = total system power

		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	47.1	47.7	49.1	51.3	46.7	47.3	48.7	50.8	45.4	46.1	47.5	49.6	43.3	44.0	45.4	47.5	40.8	41.4	42.8	45.0	38.4	39.1	40.5	42.6
	S/T	1.00	0.82	0.68	0.5	1.00	0.83	0.69	0.5	1.00	0.86	0.71	0.6	1.00	1.00	0.73	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.81	0.7
	ΔT	26.88	25.11	21.82	18.4	26.83	25.07	21.77	18.4	27.08	25.31	22.02	18.6	26.81	25.05	21.75	18.3	26.58	24.81	21.52	18.1	27.68	25.92	22.62	19.2
	kW	3.10	3.10	3.09	3.1	3.48	3.48	3.47	3.5	3.90	3.90	3.90	3.9	4.36	4.36	4.35	4.4	4.88	4.87	4.87	4.9	5.48	5.48	5.47	5.5
	Amps	12.04	12.03	12.00	12.1	13.78	13.77	13.74	13.9	15.72	15.71	15.68	15.8	17.82	17.81	17.78	17.9	20.17	20.15	20.12	20.3	22.92	22.91	22.88	23.0
	Hi PR	280	282	284	289	325	326	328	333	371	372	374	379	421	422	424	429	474	476	477	482	532	533	535	540
	Lo PR	126	127	130	136	133	135	138	143	140	141	145	150	146	147	150	156	151	153	156	161	158	160	163	168
	MBh	47.7	48.3	49.7	51.9	47.3	47.9	49.3	51.5	46.0	46.7	48.1	50.2	43.9	44.6	46.0	48.1	41.4	42.0	43.4	45.6	39.0	39.7	41.1	43.2
	S/T	1.00	0.89	0.74	0.6	1.00	0.89	0.75	0.6	1.00	0.92	0.78	0.6	1.00	1.00	0.80	0.6	1.00	1.00	0.82	0.7	1.00	1.00	0.87	0.7
	ΔT	25.81	24.05	20.75	17.3	25.76	24.00	20.70	17.3	26.01	24.25	20.95	17.5	25.75	23.98	20.68	17.3	25.51	23.74	20.45	17.0	26.62	24.85	21.55	18.1
1600	kW	3.12	3.12	3.11	3.1	3.50	3.50	3.49	3.5	3.92	3.92	3.91	3.9	4.38	4.38	4.37	4.4	4.90	4.89	4.89	4.9	5.50	5.49	5.49	5.5
	Amps	12.13	12.12	12.09	12.2	13.87	13.86	13.83	14.0	15.81	15.80	15.77	15.9	17.91	17.90	17.87	18.0	20.26	20.24	20.21	20.3	23.01	23.00	22.97	23.1
	Hi PR	283	284	286	291	327	328	330	335	373	374	376	381	423	424	426	431	477	478	480	485	534	535	537	542
	Lo PR	128	129	132	138	135	137	140	145	142	143	147	152	147	149	152	157	153	155	158	163	160	161	165	170
	MBh	48.4	49.1	50.5	52.6	48.0	48.7	50.1	52.2	46.8	47.4	48.8	51.0	44.7	45.3	46.7	48.9	42.1	42.8	44.2	46.3	39.8	40.4	41.8	44.0
	S/T	1.00	0.92	0.78	0.6	1.00	0.93	0.79	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	0.91	0.8
	ΔT	24.91	23.15	19.85	16.4	24.87	23.10	19.80	16.4	25.11	23.35	20.05	16.6	24.85	23.08	19.79	16.4	24.61	22.85	19.55	16.1	25.72	23.95	20.65	17.2
	kW	3.14	3.13	3.13	3.2	3.52	3.51	3.51	3.5	3.94	3.94	3.93	4.0	4.40	4.40	4.39	4.4	4.91	4.91	4.90	4.9	5.51	5.51	5.50	5.5
	Amps	12.21	12.19	12.16	12.3	13.94	13.93	13.90	14.0	15.89	15.87	15.84	16.0	17.99	17.97	17.94	18.1	20.33	20.32	20.29	20.4	23.09	23.07	23.04	23.2
	Hi PR	285	286	288	293	329	330	332	337	376	377	379	384	425	427	428	433	479	480	482	487	536	537	539	544
Lo PR	130	131	134	140	137	139	142	147	144	145	149	154	149	151	154	160	155	157	160	165	162	163	167	172	
1400	MBh	47.9	48.5	49.9	52.1	47.4	48.1	49.5	51.6	46.2	46.9	48.3	50.4	44.1	44.8	46.2	48.3	41.5	42.2	43.6	45.7	39.2	39.9	41.3	43.4
	S/T	1.00	0.93	0.79	0.6	1.00	1.00	0.79	0.6	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	1.00	0.8
	ΔT	30.35	28.58	25.28	21.9	30.30	28.53	25.24	21.8	30.55	28.78	25.48	22.1	30.28	28.51	25.22	21.8	30.04	28.28	24.98	21.6	31.15	29.38	26.09	22.7
	kW	3.11	3.11	3.10	3.1	3.49	3.48	3.48	3.5	3.91	3.91	3.90	3.9	4.37	4.37	4.36	4.4	4.88	4.88	4.87	4.9	5.49	5.48	5.48	5.5
	Amps	12.07	12.06	12.03	12.2	13.81	13.80	13.77	13.9	15.75	15.74	15.71	15.8	17.85	17.84	17.81	17.9	20.20	20.19	20.16	20.3	22.95	22.94	22.91	23.0
	Hi PR	282	283	285	290	326	327	329	334	372	373	375	380	422	423	425	430	476	477	479	484	533	534	536	541
	Lo PR	128	129	132	138	135	137	140	145	142	143	147	152	147	149	152	158	153	155	158	163	160	161	165	170
	MBh	48.5	49.1	50.5	52.7	48.1	48.7	50.1	52.2	46.8	47.5	48.9	51.0	44.7	45.4	46.8	48.9	42.2	42.8	44.2	46.4	39.8	40.5	41.9	44.0
	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	29.28	27.51	24.22	20.8	29.23	27.46	24.17	20.8	29.48	27.71	24.42	21.0	29.21	27.45	24.15	20.7	28.98	27.21	23.91	20.5	30.08	28.32	25.02	21.6
1600	kW	3.13	3.12	3.12	3.1	3.51	3.50	3.50	3.5	3.93	3.93	3.92	4.0	4.39	4.39	4.38	4.4	4.90	4.90	4.89	4.9	5.50	5.50	5.50	5.5
	Amps	12.16	12.15	12.12	12.3	13.90	13.89	13.86	14.0	15.84	15.83	15.80	15.9	17.94	17.93	17.90	18.0	20.29	20.28	20.25	20.4	23.04	23.03	23.00	23.1
	Hi PR	284	285	287	292	328	330	331	336	375	376	378	383	424	426	427	432	478	479	481	486	535	537	538	543
	Lo PR	129	131	134	139	137	139	142	147	144	145	148	154	149	151	154	159	155	156	160	165	162	163	166	172
	MBh	49.2	49.9	51.3	53.4	48.8	49.5	50.9	53.0	47.6	48.2	49.6	51.8	45.5	46.1	47.5	49.7	42.9	43.6	45.0	47.1	40.6	41.2	42.6	44.7
	S/T	1.00	1.00	0.88	0.7	1.00	1.00	0.89	0.7	1.00	1.00	0.92	0.8	1.00	1.00	0.94	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.9
	ΔT	28.38	26.62	23.32	19.9	28.33	26.57	23.27	19.9	28.58	26.82	23.52	20.1	28.31	26.55	23.25	19.8	28.08	26.31	23.02	19.6	29.18	27.42	24.12	20.7
	kW	3.14	3.14	3.13	3.2	3.52	3.52	3.51	3.5	3.95	3.95	3.94	4.0	4.41	4.40	4.40	4.4	4.92	4.92	4.91	4.9	5.52	5.52	5.51	5.5
	Amps	12.24	12.23	12.20	12.3	13.98	13.96	13.93	14.1	15.92	15.91	15.88	16.0	18.02	18.01	17.98	18.1	20.37	20.35	20.32	20.5	23.12	23.11	23.08	23.2
	Hi PR	286	288	290	295	331	332	334	339	377	378	380	385	427	428	430	435	480	482	483	488	538	539	541	546
Lo PR	131	133	136	141	139	141	144	149	146	147	150	156	151	153	156	161	157	158	162	167	164	165	169	174	
85	MBh	47.9	48.5	49.9	52.1	47.4	48.1	49.5	51.6	46.2	46.9	48.3	50.4	44.1	44.8	46.2	48.3	41.5	42.2	43.6	45.7	39.2	39.9	td	

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

Shaded area reflects AHR (I/VN) conditions.

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

kW = total system power

		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	1400	MBh	57.0	57.8	59.5	-	56.5	57.3	59.0	-	55.0	55.8	57.5	-	52.4	53.2	54.9	-	49.3	50.1	51.8	-	46.4	47.2	48.9	-
		S/T	0.57	0.50	0.37	-	0.58	0.50	0.38	-	0.60	0.53	0.40	-	0.62	0.55	0.42	-	0.64	0.57	0.44	-	1.00	0.62	0.49	-
		ΔT	20.92	18.99	15.38	-	20.87	18.94	15.32	-	21.14	19.21	15.59	-	20.85	18.92	15.30	-	20.59	18.66	15.04	-	21.80	19.87	16.26	-
		kW	3.74	3.74	3.73	-	4.22	4.21	4.20	-	4.74	4.74	4.73	-	5.31	5.31	5.30	-	5.95	5.95	5.94	-	6.70	6.70	6.69	-
		Amps	13.86	13.85	13.81	-	15.92	15.90	15.87	-	18.21	18.19	18.16	-	20.69	20.67	20.64	-	23.46	23.44	23.41	-	26.71	26.70	26.66	-
	HI PR	278	279	281	-	322	323	325	-	368	369	371	-	418	419	421	-	471	472	474	-	528	529	531	-	
	LO PR	119	120	123	-	126	127	130	-	132	133	137	-	137	139	142	-	143	144	147	-	149	151	154	-	
	1600	MBh	57.7	58.5	60.2	-	57.2	58.0	59.7	-	55.7	56.5	58.2	-	53.2	54.0	55.7	-	50.0	50.8	52.5	-	47.2	48.0	49.7	-
		S/T	0.63	0.55	0.43	-	0.63	0.56	0.43	-	0.66	0.58	0.46	-	0.67	0.60	0.47	-	1.00	0.62	0.50	-	1.00	0.67	0.54	-
		ΔT	19.76	17.82	14.21	-	19.70	17.77	14.15	-	19.97	18.04	14.43	-	19.68	17.75	14.13	-	19.42	17.49	13.88	-	20.64	18.70	15.09	-
kW		3.77	3.76	3.76	-	4.24	4.24	4.23	-	4.77	4.76	4.76	-	5.34	5.33	5.33	-	5.98	5.97	5.96	-	6.72	6.72	6.71	-	
Amps		13.97	13.95	13.92	-	16.02	16.01	15.97	-	18.32	18.30	18.26	-	20.80	20.78	20.74	-	23.57	23.55	23.52	-	26.82	26.80	26.77	-	
1800	HI PR	281	282	284	-	324	326	328	-	370	372	374	-	420	421	423	-	473	475	476	-	530	532	533	-	
	LO PR	120	122	125	-	127	129	132	-	134	135	138	-	139	141	144	-	144	146	149	-	151	152	155	-	
	1400	MBh	58.6	59.4	61.1	-	58.1	58.9	60.6	-	56.6	57.4	59.1	-	54.1	54.9	56.6	-	50.9	51.7	53.4	-	48.1	48.9	50.6	-
		S/T	0.66	0.59	0.46	-	0.66	0.59	0.46	-	0.69	0.62	0.49	-	0.71	0.63	0.51	-	1.00	0.66	0.53	-	1.00	0.70	0.58	-
		ΔT	18.77	16.84	13.22	-	18.72	16.78	13.17	-	18.99	17.05	13.44	-	18.70	16.76	13.15	-	18.44	16.50	12.89	-	19.65	17.72	14.10	-
kW		3.79	3.78	3.78	-	4.26	4.26	4.25	-	4.79	4.78	4.78	-	5.36	5.35	5.35	-	6.00	5.99	5.98	-	6.74	6.74	6.73	-	
Amps		14.06	14.04	14.01	-	16.11	16.10	16.06	-	18.40	18.39	18.35	-	20.89	20.87	20.83	-	23.66	23.64	23.61	-	26.91	26.89	26.86	-	
1600	HI PR	283	284	285	-	327	328	330	-	373	374	376	-	422	423	425	-	476	477	479	-	533	534	536	-	
	LO PR	122	124	127	-	129	131	134	-	136	137	140	-	141	143	146	-	146	148	151	-	153	154	157	-	

75	1400		MBh	57.0	57.8	59.5	62.1	56.5	57.3	59.0	61.6	55.0	55.8	57.5	60.1	52.4	53.3	55.0	57.6	49.3	50.1	51.8	54.4	46.5	47.3	49.0	51.6	
			S/T	0.69	0.62	0.49	0.4	0.70	0.63	0.50	0.4	0.72	0.65	0.52	0.4	0.72	0.65	0.52	0.4	0.74	1.00	0.69	0.56	0.4	1.00	0.74	0.61	0.5
			ΔT	25.18	23.24	19.63	15.9	25.13	23.19	19.58	15.8	25.40	23.46	19.85	16.1	25.11	23.17	19.56	15.8	24.85	22.91	19.30	15.6	26.06	24.12	20.51	16.8	
			kW	3.74	3.74	3.73	3.8	4.21	4.21	4.20	4.2	4.74	4.74	4.73	4.8	5.31	5.31	5.30	5.3	5.95	5.94	5.94	6.0	6.70	6.69	6.68	6.7	
			Amps	13.85	13.83	13.80	14.0	15.90	15.89	15.85	16.0	18.20	18.18	18.14	18.3	20.68	20.66	20.62	20.8	23.45	23.43	23.40	23.6	26.70	26.68	26.65	26.8	
			Hi PR	278	280	282	285	322	324	325	330	368	370	371	376	418	419	421	426	471	472	474	479	528	529	531	536	
			Lo PR	119	120	123	128	126	127	130	135	132	134	137	142	137	139	142	147	143	144	147	152	149	151	154	159	
			MBh	57.8	58.6	60.3	62.9	57.2	58.0	59.8	62.4	55.8	56.6	58.3	60.9	53.2	54.0	55.7	58.3	50.1	50.9	52.6	55.2	47.2	48.0	49.7	52.3	
			S/T	0.75	0.68	0.55	0.4	0.75	0.68	0.55	0.4	1.00	0.71	0.58	0.4	1.00	0.72	0.60	0.5	1.00	0.74	0.62	0.5	1.00	0.79	0.67	0.5	
			ΔT	24.01	22.07	18.46	14.7	23.96	22.02	18.41	14.7	24.23	22.29	18.68	14.9	23.94	22.00	18.39	14.6	23.68	21.74	18.13	14.4	24.89	22.95	19.34	15.6	
1600		kW	3.76	3.76	3.75	3.8	4.24	4.23	4.23	4.3	4.76	4.76	4.75	4.8	5.33	5.32	5.4	5.97	5.97	5.96	6.0	6.72	6.72	6.71	6.7			
		Amps	13.96	13.94	13.90	14.1	16.01	15.99	15.96	16.1	18.30	18.29	18.25	18.4	20.78	20.77	20.73	20.9	23.55	23.54	23.50	23.7	26.81	26.79	26.75	26.9		
		Hi PR	281	282	284	289	325	326	328	333	371	372	374	379	420	421	423	428	474	475	477	482	531	532	534	539		
		Lo PR	120	122	125	130	127	129	132	137	134	135	138	143	139	141	144	149	144	146	149	154	151	152	155	160		
		MBh	58.7	59.5	61.2	63.8	58.1	58.9	60.7	63.3	56.7	57.5	59.2	61.8	54.1	54.9	56.6	59.2	51.0	51.8	53.5	56.1	48.1	48.9	50.6	53.2		
		S/T	0.78	0.71	0.58	0.4	0.79	0.71	0.59	0.5	1.00	0.74	0.61	0.5	1.00	0.76	0.63	0.5	1.00	0.78	0.65	0.5	1.00	0.82	0.70	0.6		
		ΔT	23.03	21.09	17.48	13.7	22.97	21.04	17.42	13.7	23.24	21.31	17.70	14.0	22.95	21.02	17.40	13.7	22.69	20.76	17.15	13.4	23.91	21.97	18.36	14.6		
		kW	3.79	3.78	3.77	3.8	4.26	4.25	4.25	4.3	4.78	4.78	4.77	4.8	5.36	5.35	5.34	5.4	5.99	5.99	5.98	6.0	6.74	6.74	6.73	6.8		
		Amps	14.05	14.03	13.99	14.2	16.10	16.08	16.05	16.2	18.39	18.37	18.34	18.5	20.87	20.86	20.82	21.0	23.64	23.63	23.59	23.7	26.89	26.88	26.84	27.0		
		Hi PR	283	284	286	291	327	328	330	335	373	374	376	381	422	424	426	430	476	477	479	484	533	534	536	541		
Lo PR	122	124	127	132	129	131	134	139	136	137	140	145	141	143	146	151	146	148	148	151	156	153	154	157	162			
1800		MBh	58.7	59.5	61.2	63.8	58.1	58.9	60.7	63.3	56.7	57.5	59.2	61.8	54.1	54.9	56.6	59.2	51.0	51.8	53.5	56.1	48.1	48.9	50.6	53.2		
		S/T	0.78	0.71	0.58	0.4	0.79	0.71	0.59	0.5	1.00	0.74	0.61	0.5	1.00	0.76	0.63	0.5	1.00	0.78	0.65	0.5	1.00	0.82	0.70	0.6		
		ΔT	23.03	21.09	17.48	13.7	22.97	21.04	17.42	13.7	23.24	21.31	17.70	14.0	22.95	21.02	17.40	13.7	22.69	20.76	17.15	13.4	23.91	21.97	18.36	14.6		
		kW	3.79	3.78	3.77	3.8	4.26	4.25	4.25	4.3	4.78	4.78	4.77	4.8	5.36	5.35	5.34	5.4	5.99	5.99	5.98	6.0	6.74	6.74	6.73	6.8		
		Amps	14.05	14.03	13.99	14.2	16.10	16.08	16.05	16.2	18.39	18.37	18.34	18.5	20.87	20.86	20.82	21.0	23.64	23.63	23.59	23.7	26.89	26.88	26.84	27.0		
		Hi PR	283	284	286	291	327	328	330	335	373	374	376	381	422	424	426	430	476	477	479	484	533	534	536	541		
		Lo PR	122	124	127	132	129	131	134	139	136	137	140	145	141	143	146	151	146	148	148	151	156	153	154	157	162	

IDB = Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction access fittings.
 Shaded area reflects ACCA (TVA) conditions.
 Amps: Unit amps (comp. + evaporator + condenser fan motors)
 kW = total system power

		OUTDOOR AMBIENT TEMPERATURE																									
		65				75				85				95				105				115					
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	57.3	58.1	59.8	62.4	56.8	57.6	59.3	61.9	55.3	56.1	57.8	60.4	52.7	53.5	55.3	57.9	49.6	50.4	52.1	54.7	46.8	47.6	49.3	51.9	
	S/T	0.81	0.74	0.61	0.48	1.00	0.74	0.62	0.48	1.00	0.77	0.64	0.51	1.00	0.79	0.66	0.52	1.00	0.81	0.68	0.54	1.00	1.00	0.73	0.59		
	ΔT	29.46	27.53	23.91	20.17	29.41	27.47	23.86	20.12	29.68	27.75	24.13	20.39	29.39	27.45	23.84	20.10	29.13	27.20	23.58	19.84	30.34	28.41	24.79	21.05		
	kW	3.74	3.74	3.73	3.77	4.22	4.21	4.20	4.24	4.74	4.74	4.73	4.77	5.31	5.31	5.30	5.34	5.95	5.95	5.94	5.97	6.70	6.69	6.69	6.72		
	Amps	13.86	13.84	13.81	13.97	15.91	15.90	15.86	16.02	18.21	18.19	18.15	18.31	20.69	20.67	20.64	20.79	23.46	23.44	23.41	23.56	26.71	26.69	26.68	26.82		
	Hi PR	279	280	282	287	323	324	326	331	369	370	372	377	418	420	422	426	472	473	475	480	529	530	532	537		
	Lo PR	119	121	124	129	126	128	131	136	133	134	137	142	138	139	142	147	143	145	148	153	150	151	154	159		
	1600	MBh	58.1	58.9	60.6	63.2	57.5	58.3	60.0	62.6	56.1	56.9	58.6	61.2	53.5	54.3	56.0	58.6	50.4	51.2	52.9	55.5	47.5	48.3	50.0	52.6	
	S/T	0.87	0.79	0.67	0.53	1.00	0.80	0.67	0.54	1.00	0.82	0.70	0.56	1.00	0.84	0.71	0.58	1.00	1.00	0.74	0.60	1.00	1.00	0.78	0.65		
	ΔT	28.29	26.36	22.75	19.00	28.24	26.31	22.69	18.95	28.51	26.58	22.96	19.22	28.22	26.29	22.67	18.93	27.96	26.03	22.41	18.67	29.17	27.24	23.63	19.88		
kW	3.77	3.76	3.76	3.79	4.24	4.24	4.23	4.26	4.77	4.76	4.76	4.79	5.34	5.33	5.33	5.36	5.97	5.97	5.96	6.00	6.72	6.72	6.71	6.75			
Amps	13.97	13.95	13.92	14.07	16.02	16.00	15.97	16.13	18.31	18.30	18.26	18.42	20.79	20.78	20.74	20.90	23.56	23.55	23.51	23.67	26.82	26.80	26.76	26.92			
Hi PR	281	283	284	289	325	326	328	333	371	372	374	379	421	422	424	429	474	475	477	482	531	532	534	539			
Lo PR	121	122	125	130	128	129	132	138	134	136	138	141	146	140	141	144	149	145	146	149	154	151	153	156	161		
80	1800	MBh	58.9	59.8	61.5	64.1	58.4	59.2	60.9	63.5	57.0	57.8	59.5	62.1	54.4	55.2	56.9	59.5	51.3	52.1	53.8	56.4	48.4	49.2	50.9	53.5	
	S/T	1.00	0.83	0.70	0.56	1.00	0.83	0.70	0.57	1.00	0.86	0.73	0.59	1.00	0.87	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.82	0.68		
	ΔT	27.31	25.37	21.76	18.02	27.26	25.32	21.71	17.96	27.53	25.59	21.98	18.24	27.24	25.30	21.69	17.94	26.98	25.04	21.43	17.69	28.19	26.25	22.64	18.90		
	kW	3.79	3.78	3.78	3.81	4.26	4.26	4.25	4.28	4.79	4.78	4.78	4.81	5.36	5.35	5.35	5.38	6.00	5.99	5.98	6.02	6.74	6.74	6.73	6.77		
	Amps	14.06	14.04	14.00	14.16	16.11	16.09	16.06	16.22	18.40	18.39	18.35	18.51	20.88	20.87	20.83	20.99	23.65	23.64	23.60	23.76	26.91	26.89	26.85	27.01		
	Hi PR	284	285	287	292	327	329	331	336	373	375	377	381	423	424	426	431	476	478	480	484	533	535	537	541		
	Lo PR	123	124	127	132	130	131	134	139	136	138	141	146	142	143	146	151	147	148	151	156	153	155	158	163		
	85	1400	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	58.8	50.6	51.4	53.1	55.7	47.7	48.5	50.2	52.8
		S/T	1.00	0.83	0.71	0.57	1.00	0.84	0.71	0.58	1.00	1.00	1.00	0.73	0.60	1.00	0.75	0.62	1.00	1.00	0.77	0.64	1.00	1.00	0.82	0.69	
		ΔT	33.26	31.33	27.71	23.97	33.21	31.27	27.66	23.92	33.48	31.55	27.93	24.19	33.19	31.25	27.64	23.90	32.93	31.00	27.38	23.64	34.14	32.21	28.59	24.85	
kW		3.75	3.75	3.74	3.78	4.22	4.22	4.21	4.25	4.75	4.75	4.74	4.78	5.32	5.32	5.31	5.35	5.96	5.96	5.95	5.98	6.71	6.70	6.70	6.73		
Amps		13.90	13.88	13.85	14.01	15.95	15.94	15.90	16.06	18.25	18.23	18.19	18.35	20.73	20.71	20.67	20.83	23.50	23.48	23.45	23.60	26.75	26.73	26.70	26.85		
Hi PR		280	281	283	288	324	325	327	332	370	371	373	378	420	421	423	428	473	474	476	481	530	531	533	538		
Lo PR		121	122	125	130	128	130	133	138	134	136	139	144	140	141	144	149	145	146	149	154	151	153	156	161		
1600		MBh	59.0	59.8	61.5	64.1	58.5	59.3	61.0	63.6	57.0	57.8	59.5	62.1	54.5	55.3	57.0	59.6	51.3	52.1	53.8	56.4	48.5	49.3	51.0	53.6	
S/T		1.00	0.89	0.76	0.63	1.00	0.90	0.77	0.63	1.00	1.00	1.00	0.79	0.66	1.00	0.81	0.68	1.00	1.00	0.83	0.70	1.00	1.00	0.88	0.74		
ΔT		32.09	30.16	26.54	22.80	32.04	30.10	26.49	22.75	32.31	30.38	26.76	23.02	32.02	30.08	26.47	22.73	31.76	29.83	26.21	22.47	32.97	31.04	27.42	23.68		
kW	3.78	3.77	3.76	3.80	4.25	4.25	4.24	4.27	4.78	4.77	4.76	4.80	5.35	5.34	5.33	5.37	5.98	5.98	5.97	6.01	6.73	6.73	6.72	6.76			
Amps	14.01	13.99	13.95	14.11	16.06	16.04	16.01	16.17	18.35	18.34	18.30	18.46	20.83	20.82	20.78	20.94	23.60	23.59	23.55	23.71	26.86	26.84	26.80	26.96			
Hi PR	283	284	286	291	327	328	330	335	372	374	376	381	422	423	425	430	475	477	479	483	532	534	536	540			
Lo PR	123	124	127	132	130	131	134	139	136	138	141	146	141	143	146	151	147	148	151	156	153	155	158	163			
85	1800	MBh	59.9	60.7	62.4	65.0	59.4	60.2	61.9	64.5	57.9	58.7	60.4	63.0	55.4	56.2	57.9	60.5	52.2	53.0	54.7	57.3	49.4	50.2	51.9	54.5	
	S/T	1.00	0.92	0.79	0.66	1.00	0.93	0.80	0.67	1.00	1.00	1.00	0.82	0.69	1.00	0.84	0.71	1.00	1.00	0.86	0.73	1.00	1.00	1.00	0.78		
	ΔT	31.11	29.17	25.56	21.82	31.06	29.12	25.51	21.76	31.33	29.39	25.78	22.04	31.04	29.10	25.49	21.74	30.78	28.84	25.23	21.49	31.99	30.05	26.44	22.70		
	kW	3.80	3.79	3.79	3.82	4.27	4.27	4.26	4.29	4.80	4.79	4.78	4.82	5.37	5.36	5.36	5.39	6.00	6.00	5.99	6.03	6.75	6.75	6.74	6.78		
	Amps	14.10	14.08	14.04	14.20	16.15	16.13	16.10	16.25	18.44	18.43	18.39	18.55	20.92	20.91	20.87	21.03	23.69	23.68	23.64	23.80	26.94	26.93	26.89	27.05		
	Hi PR	285	285	288	293	329	330	332	337	375	376	378	383	424	426	427	432	478	479	481	486	535	536	538	543		
	Lo PR	125	126	129	134	132	133	136	141	138	139	143	148	143	145	148	153	149	150	153	158	155	157	160	165		
	Shaded area reflects AHRI (TWA) conditions.																										
	kW = total system power																										
	Amps Unit amps (comp. + evaporator + condenser fan motors)																										
DB = Entering indoor dry bulb temperature																											
High and low pressures are measured at the liquid and suction access fittings																											

IDB = Entering Indoor Dry Bulb Temperature

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

Shaded area reflects AHR (TWA) conditions.

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

kW = total system power

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

		OUTDOOR AMBIENT TEMPERATURE																													
		65					75					85					95					105					115				
IDB	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																													
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
70	980	MBh	41.0	41.5	42.8	-	40.6	41.2	42.4	-	39.5	40.1	41.3	-	37.7	38.3	39.5	-	35.4	36.0	37.2	-	33.4	34.0	35.2	-	33.4	34.0	35.2	-	
	S/T	0.58	0.51	0.38	-	0.59	0.51	0.38	-	0.61	0.54	0.41	-	0.63	0.56	0.43	-	1.00	0.58	0.45	-	1.00	0.63	0.50	-	1.00	0.63	0.50	-		
	ΔT	20.22	18.35	14.86	-	20.17	18.30	14.81	-	20.43	18.56	15.07	-	20.15	18.28	14.79	-	19.90	18.03	14.54	-	21.07	19.20	15.71	-	21.07	19.20	15.71	-		
	kW	2.35	2.35	2.35	-	2.65	2.65	2.64	-	2.98	2.98	2.98	-	3.34	3.34	3.33	-	3.74	3.74	3.74	-	4.21	4.21	4.21	-	4.21	4.21	4.21	-		
	Amps	8.72	8.71	8.69	-	10.01	10.00	9.98	-	11.45	11.44	11.42	-	13.01	13.00	12.98	-	14.76	14.75	14.72	-	16.80	16.79	16.77	-	16.80	16.79	16.77	-		
	Hi PR	266	267	269	-	308	309	311	-	352	353	355	-	399	400	402	-	450	451	453	-	505	506	508	-	505	506	508	-		
	Lo PR	122	123	126	-	129	131	134	-	136	137	140	-	141	143	146	-	147	148	151	-	153	155	158	-	153	155	158	-		
	1120	MBh	41.5	42.1	43.3	-	41.1	41.7	42.9	-	40.1	40.6	41.9	-	38.2	38.8	40.0	-	36.0	36.6	37.8	-	33.9	34.5	35.7	-	33.9	34.5	35.7	-	
	S/T	0.64	0.57	0.44	-	0.65	0.57	0.44	-	0.67	0.60	0.47	-	0.69	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.69	0.56	-	1.00	0.69	0.56	-		
	ΔT	19.09	17.22	13.73	-	19.04	17.17	13.68	-	19.30	17.43	13.94	-	19.02	17.15	13.66	-	18.77	16.90	13.41	-	19.94	18.07	14.58	-	19.94	18.07	14.58	-		
	kW	2.37	2.37	2.36	-	2.67	2.66	2.66	-	3.00	3.00	2.99	-	3.36	3.36	3.35	-	3.76	3.76	3.75	-	4.23	4.23	4.22	-	4.23	4.23	4.22	-		
	Amps	8.79	8.78	8.75	-	10.08	10.07	10.05	-	11.52	11.51	11.49	-	13.08	13.07	13.05	-	14.82	14.81	14.79	-	16.87	16.86	16.84	-	16.87	16.86	16.84	-		
	Hi PR	268	269	271	-	310	311	313	-	354	355	357	-	401	403	404	-	453	454	456	-	507	508	510	-	507	508	510	-		
	Lo PR	124	125	128	-	131	133	136	-	138	139	142	-	143	145	148	-	148	150	153	-	155	157	160	-	155	157	160	-		
	1260	MBh	42.1	42.7	44.0	-	41.8	42.4	43.6	-	40.7	41.3	42.5	-	38.9	39.5	40.7	-	36.6	37.2	38.4	-	34.6	35.1	36.4	-	34.6	35.1	36.4	-	
	S/T	0.67	0.60	0.47	-	0.68	0.61	0.47	-	0.70	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.72	0.59	-	1.00	0.72	0.59	-		
	ΔT	18.14	16.27	12.78	-	18.09	16.22	12.73	-	18.35	16.48	12.99	-	18.07	16.20	12.71	-	17.82	15.95	12.46	-	18.99	17.12	13.63	-	18.99	17.12	13.63	-		
	kW	2.38	2.38	2.38	-	2.68	2.68	2.67	-	3.01	3.01	3.00	-	3.37	3.37	3.36	-	3.77	3.77	3.76	-	4.24	4.24	4.23	-	4.24	4.24	4.23	-		
	Amps	8.84	8.83	8.81	-	10.13	10.12	10.10	-	11.58	11.57	11.54	-	13.14	13.13	13.10	-	14.88	14.87	14.85	-	16.93	16.92	16.89	-	16.93	16.92	16.89	-		
	Hi PR	270	272	273	-	312	314	315	-	356	357	359	-	404	405	407	-	455	456	458	-	509	510	512	-	509	510	512	-		
	Lo PR	126	127	130	-	133	135	138	-	139	141	144	-	145	146	150	-	150	152	155	-	157	159	162	-	157	159	162	-		

		ENTERING INDOOR WET BULB TEMPERATURE									
		59	63	67	71	75	59	63	67	71	75
75	MBh	41.0	41.6	42.8	44.7	46.6	40.6	41.2	42.4	43.2	44.3
	S/T	0.71	0.63	0.50	0.37	0.24	0.71	0.64	0.51	0.40	0.37
	ΔT	24.33	22.46	18.97	15.35	11.73	24.28	22.41	18.92	15.30	11.68
	kW	2.35	2.35	2.35	2.37	2.37	2.65	2.65	2.64	2.67	2.67
	Amps	8.71	8.70	8.68	8.78	8.78	10.00	9.99	9.97	10.07	10.07
1120	MBh	41.5	42.1	43.3	45.2	47.1	41.2	41.7	43.0	43.8	44.8
	S/T	0.76	0.69	0.56	0.42	0.29	0.77	0.70	0.57	0.45	0.43
	ΔT	23.20	21.33	17.84	14.22	10.60	23.15	21.28	17.79	14.17	10.55
	kW	2.37	2.37	2.36	2.38	2.38	2.67	2.66	2.66	2.68	2.68
	Amps	8.78	8.77	8.75	8.84	8.84	10.07	10.06	10.04	10.14	10.14
1260	MBh	42.2	42.8	44.0	45.8	47.6	41.8	42.4	43.6	44.4	45.5
	S/T	0.80	0.72	0.59	0.46	0.33	0.80	0.73	0.60	0.46	0.46
	ΔT	22.25	20.38	16.89	13.27	9.65	22.20	20.33	16.84	13.22	9.62
	kW	2.38	2.38	2.37	2.40	2.40	2.68	2.68	2.67	2.69	2.69
	Amps	8.83	8.82	8.80	8.90	8.90	10.13	10.12	10.09	10.19	10.19

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

Shaded area reflects ACCA (TVA) conditions.

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

kW = total system power

		OUTDOOR AMBIENT TEMPERATURE																								
		65				75				85				95				105				115				
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	
		ENTERING INDOOR WET BULB TEMPERATURE																								
80	980	MBh	412	418	430	449	408	414	426	445	398	403	416	434	379	385	397	416	357	363	375	393	336	342	354	373
	S/T	0.83	0.75	0.62	0.49	1.00	0.76	0.63	0.49	1.00	0.78	0.65	0.52	1.00	0.80	0.67	0.53	1.00	1.00	0.69	0.56	1.00	1.00	0.74	0.61	
	ΔT	28.47	26.60	23.11	19.49	28.42	26.55	23.06	19.44	28.68	26.81	23.32	19.70	28.40	26.53	23.04	19.42	28.15	26.28	22.79	19.17	29.32	27.45	23.95	20.34	
	kW	2.35	2.35	2.35	2.37	2.65	2.65	2.64	2.67	2.98	2.98	2.98	3.00	3.34	3.34	3.33	3.36	3.74	3.74	3.74	3.76	4.21	4.21	4.21	4.23	
	Amps	8.72	8.71	8.69	8.78	10.01	10.00	9.98	10.08	11.45	11.44	11.42	11.52	13.01	13.00	12.98	13.08	14.76	14.75	14.72	14.82	16.80	16.79	16.77	16.87	
	Hi PR	267	268	270	274	309	310	312	316	353	354	356	360	400	401	403	408	451	452	454	459	505	507	508	513	
	Lo PR	122	124	127	132	130	131	134	140	136	138	141	146	142	143	146	152	147	149	152	157	154	155	159	164	
80	1120	MBh	417	423	435	454	414	420	432	450	403	409	421	440	385	390	403	421	362	368	380	399	342	347	360	378
	S/T	1.00	0.81	0.68	0.54	1.00	0.82	0.69	0.55	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	1.00	0.75	0.61	1.00	1.00	0.80	0.66	
	ΔT	27.34	25.47	21.98	18.36	27.29	25.42	21.93	18.31	27.55	25.68	22.19	18.57	27.27	25.40	21.91	18.29	27.02	25.15	21.66	18.04	28.19	26.32	22.83	19.21	
	kW	2.37	2.37	2.36	2.38	2.67	2.66	2.66	2.68	3.00	3.00	2.99	3.01	3.36	3.35	3.35	3.37	3.76	3.76	3.75	3.77	4.23	4.23	4.23	4.24	
	Amps	8.79	8.78	8.75	8.85	10.08	10.07	10.04	10.14	11.52	11.51	11.49	11.59	13.08	13.07	13.05	13.15	14.82	14.81	14.79	14.89	16.87	16.86	16.84	16.93	
	Hi PR	269	270	272	277	311	312	314	319	355	356	358	363	402	403	405	410	453	454	456	461	508	509	511	515	
	Lo PR	124	126	129	134	132	133	136	141	138	140	143	148	144	145	148	153	149	150	154	159	156	157	160	165	
1260	MBh	424	430	442	461	420	426	438	457	409	415	428	446	391	397	409	428	369	374	387	405	348	354	366	385	
	S/T	1.00	0.84	0.71	0.58	1.00	0.85	0.72	0.58	1.00	0.87	0.74	0.61	1.00	1.00	0.76	0.62	1.00	1.00	0.78	0.65	1.00	1.00	0.83	0.70	
	ΔT	26.39	24.52	21.03	17.41	26.34	24.47	20.98	17.36	26.60	24.73	21.24	17.62	26.32	24.45	20.96	17.34	26.07	24.20	20.71	17.09	27.24	25.37	21.88	18.26	
	kW	2.38	2.38	2.38	2.40	2.68	2.68	2.67	2.69	3.01	3.01	3.00	3.03	3.37	3.37	3.36	3.39	3.77	3.77	3.76	3.79	4.24	4.24	4.23	4.26	
	Amps	8.84	8.83	8.81	8.91	10.13	10.12	10.10	10.20	11.57	11.56	11.54	11.64	13.14	13.12	13.10	13.20	14.88	14.87	14.85	14.94	16.92	16.91	16.89	16.99	
	Hi PR	271	272	274	279	313	314	316	321	357	358	360	365	404	406	407	412	455	457	458	463	510	511	513	518	
	Lo PR	126	128	131	136	134	135	138	143	140	142	145	150	146	147	150	155	151	152	156	161	158	159	162	167	
980	MBh	419	425	437	456	415	421	433	452	405	410	423	441	386	392	404	423	364	369	382	400	343	349	361	380	
	S/T	1.00	0.85	0.72	0.58	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.80	0.70	
	ΔT	32.14	30.27	26.78	23.16	32.09	30.22	26.73	23.11	32.35	30.48	26.99	23.37	32.07	30.20	26.71	23.09	31.82	29.95	26.46	22.84	32.99	31.12	27.63	24.01	
	kW	2.36	2.36	2.35	2.38	2.66	2.65	2.65	2.67	2.99	2.99	2.98	3.00	3.35	3.35	3.34	3.36	3.75	3.75	3.74	3.76	4.22	4.22	4.21	4.23	
	Amps	8.74	8.73	8.71	8.81	10.03	10.02	10.00	10.10	11.48	11.47	11.44	11.54	13.04	13.03	13.00	13.10	14.78	14.77	14.75	14.85	16.83	16.81	16.79	16.89	
	Hi PR	268	269	271	276	310	311	313	318	354	355	357	362	401	402	404	409	452	453	455	460	507	508	510	514	
	Lo PR	124	126	129	134	132	133	136	141	138	140	143	148	144	145	148	153	149	150	154	159	156	157	160	166	
1120	MBh	424	430	442	461	421	426	439	457	410	416	428	447	392	397	410	428	369	375	387	406	348	354	367	385	
	S/T	1.00	0.91	0.78	0.64	1.00	0.91	0.78	0.65	1.00	0.90	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.80	0.76	
	ΔT	31.01	29.14	25.65	22.03	30.96	29.09	25.60	21.98	31.22	29.35	25.86	22.24	30.94	29.07	25.58	21.96	30.69	28.82	25.33	21.71	31.86	29.99	26.50	22.88	
	kW	2.38	2.37	2.37	2.39	2.67	2.67	2.67	2.69	3.00	3.00	3.00	3.02	3.36	3.36	3.36	3.38	3.76	3.76	3.76	3.78	4.23	4.23	4.23	4.25	
	Amps	8.81	8.80	8.78	8.88	10.10	10.09	10.07	10.17	11.54	11.53	11.51	11.61	13.10	13.09	13.07	13.17	14.85	14.84	14.81	14.91	16.89	16.88	16.86	16.96	
	Hi PR	270	271	273	278	312	313	315	320	356	357	359	364	403	405	406	411	454	456	458	462	509	510	512	517	
	Lo PR	126	128	131	136	133	135	138	143	140	141	145	150	145	147	150	155	151	152	155	161	158	159	162	167	
1260	MBh	431	437	449	467	427	433	445	464	416	422	434	453	398	404	416	435	375	381	394	412	355	361	373	392	
	S/T	1.00	0.94	0.81	0.67	1.00	1.00	0.82	0.68	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	0.80	0.79	
	ΔT	30.06	28.19	24.70	21.08	30.01	28.14	24.65	21.03	30.27	28.40	24.91	21.29	29.99	28.12	24.63	21.01	29.74	27.87	24.38	20.76	30.91	29.04	25.55	21.93	
	kW	2.39	2.39	2.38	2.40	2.69	2.68	2.68	2.70	3.02	3.01	3.01	3.03	3.38	3.37	3.37	3.39	3.78	3.77	3.77	3.79	4.25	4.24	4.24	4.26	
	Amps	8.87	8.86	8.83	8.93	10.16	10.15	10.13	10.22	11.60	11.59	11.57	11.67	13.16	13.15	13.13	13.23	14.90	14.89	14.87	14.97	16.95	16.94	16.92	17.01	
	Hi PR	272	274	275	280	314	315	317	322	358	359	361	366	406	407	409	413	457	458	450	464	511	512	514	519	
	Lo PR	128	129	133	138	135	137	140	145	142	143	146	152	147	149	152	157	153	154	157	163	160	161	164	169	
DB = Entering Indoor Dry Bulb Temperature		Shaded area reflects AHRI (TWA) conditions																								
High and low pressures are measured at the liquid and suction access fittings.		Amps. Unit amps (compressor + evaporator + condenser fan motors)																								
		kW = Total system power																								

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

Shaded area reflects AHRI (1VA) conditions.

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

kW = total system power

MODEL	SPEED*	VOLTS	TYPE	E.S.P. (IN. OF H ₂ O)							
				0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
GPCH3 2441	T1	230	CFM	922	873	823	774	724	675	626	576
			Watts	74	85	96	107	118	129	140	151
	T2,T3	230	CFM	1172	1121	1068	1012	953	892	832	762
			Watts	135	145	155	164	175	186	184	203
	T4, T5	230	CFM	1231	1179	1127	1074	1022	969	917	865
			Watts	168	180	193	205	2108	230	243	255
GPCH3 3041	T1	230	CFM	864	808	757	695	636	567	494	437
			Watts	72	82	91	103	107	115	123	131
	T2,T3	230	CFM	1323	1270	1220	1171	1119	1060	997	945
			Watts	179	190	199	209	219	230	240	248
	T4, T5	230	CFM	1404	1362	1321	1271	1238	1191	1150	1105
			Watts	235	246	257	272	284	289	300	309
GPCH3 3641	T1	230	CFM	1161	1113	1076	1034	994	949	889	837
			Watts	139	150	163	172	184	194	207	218
	T2,T3	230	CFM	1379	1343	1305	1265	1226	1190	1148	1108
			Watts	216	229	241	254	264	276	285	296
	T4, T5	230	CFM	1542	1502	1462	1427	1392	1352	1316	1280
			Watts	291	301	314	327	339	349	359	371
GPCH3 4241	T1	230	CFM	1271	1214	1167	1127	1095	1052	1013	971
			Watts	168	177	188	200	214	224	235	249
	T2,T3	230	CFM	1491	1451	1406	1369	1335	1295	1262	1226
			Watts	245	258	268	281	294	305	318	330
	T4, T5	230	CFM	1736	1679	1638	1598	1558	1520	1484	1441
			Watts	356	372	382	395	408	422	433	442
GPCH3 4841	T1	230	CFM	1337	1297	1218	1155	1118	1088	1022	989
			Watts	179	190	203	210	225	243	249	268
	T2,T3	230	CFM	1758	1715	1674	1637	1596	1557	1518	1474
			Watts	394	406	418	430	443	455	466	474
	T4, T5	230	CFM	2002	1935	1885	1827	1767	1732	1669	1618
			Watts	498	521	516	534	551	567	571	574
GPCH3 6041	T1	230	CFM	1337	1297	1218	1155	1118	1088	1022	989
			Watts	179	190	203	210	225	243	249	268
	T2,T3	230	CFM	1694	1646	1598	1549	1501	1453	1405	1357
			Watts	296	303	311	319	327	334	342	350
	T4, T5	230	CFM	2002	1935	1885	1827	1767	1732	1669	1618
			Watts	498	521	516	534	551	567	571	574

* Speed set at T2 at the factory. GPCH6041

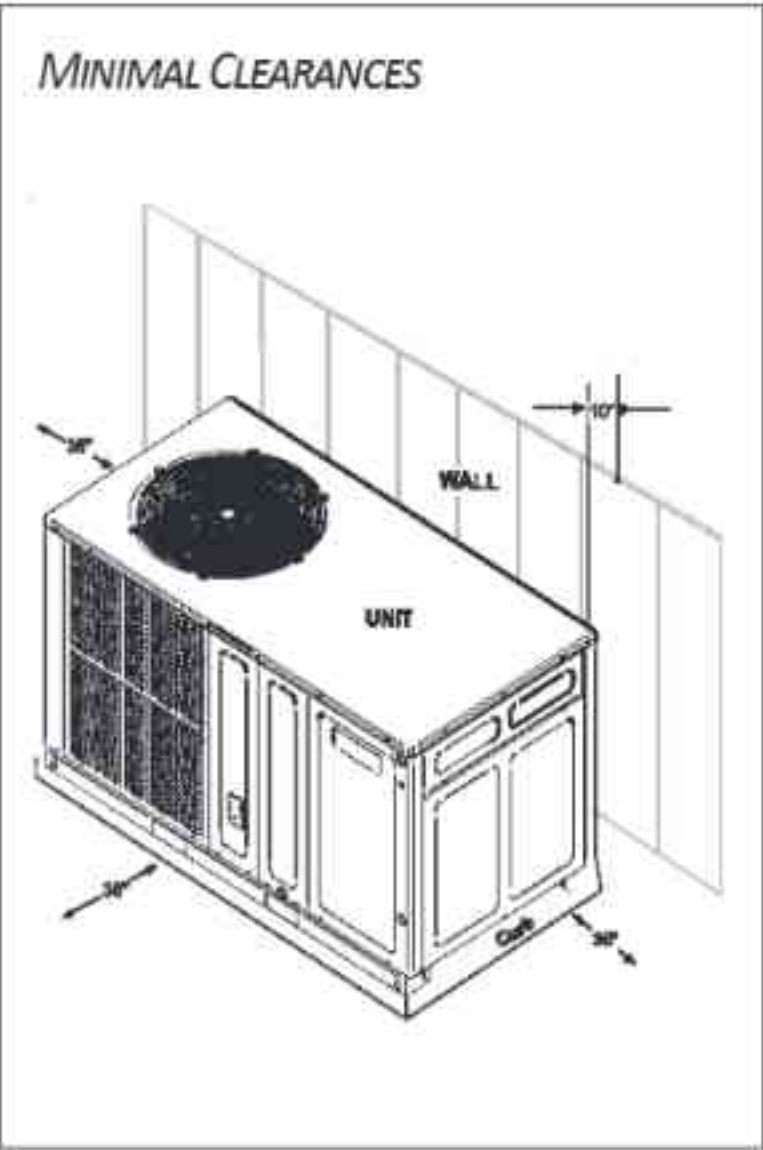
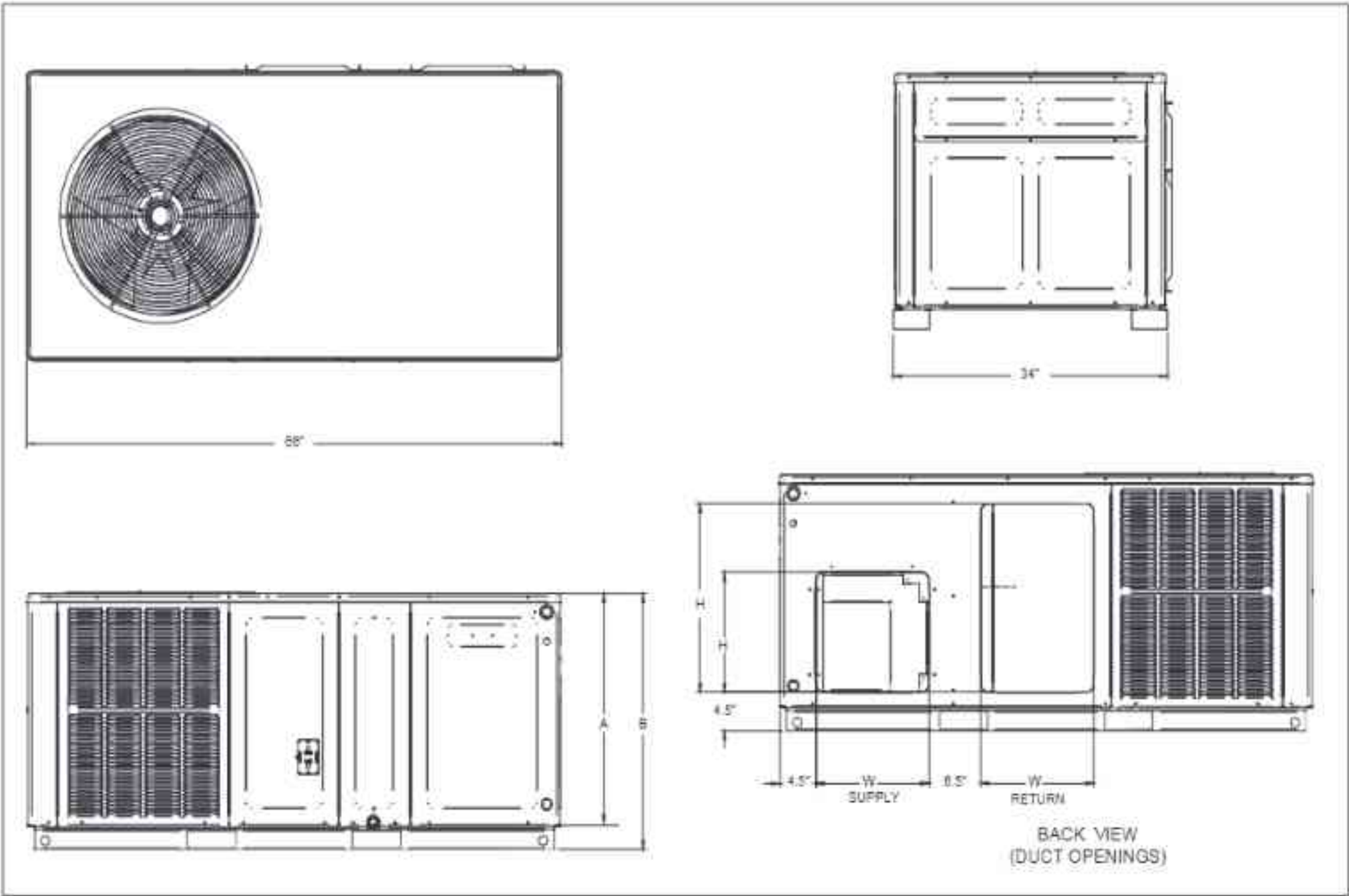
MODEL AND HEAT KIT USAGE	CIRCUIT #1		CIRCUIT #2		SINGLE-POINT KIT		ACTUAL kW / BTU@ 240V
	MCA ¹	MOP ²	MCA ¹	MOP ²	MCA ¹	MOP ²	
GPCH32441*	1.9	---	---	---	--	--	---
HKP-05C*	24.7	25	---	---	29.5	30	4.75 / 16,200
HKR-08C*	36.5	40	---	---	41.2	45	7 / 23,800
HKP-10C*	49.5	50	---	---	54.2	60	9.5 / 32,400
GPCH33041*	2.3	---	---	---	--	--	---
HKP-05C*	24.7	25	---	---	29.5	35	4.75 / 16,200
HKR-08C*	36.5	40	---	---	41.2	45	7 / 23,800
HKP-10C*	49.5	50	---	---	54.2	60	9.5 / 32,400
HKP-15C*	49.5	50	24.7	25	79	80	14.25 / 48,600
GPCH33641*	2.3	---	---	---	--	--	---
HKP-05C*	24.7	25	---	---	29.5	35	4.75 / 16,200
HKR-08C*	36.5	40	---	---	41.2	45	7 / 23,800
HKP-10C*	49.5	50	---	---	54.2	60	9.5 / 32,400
HKP-15C*	49.5	50	24.7	25	79	80	14.25 / 48,600
GPCH34241*	3.6	---	---	---	--	--	---
HKP-05C*	24.7	25	---	---	31.7	50	4.75 / 16,200
HKR-08C*	36.5	40	---	---	43.2	50	7 / 23,800
HKP-10C*	49.5	50	---	---	56.2	60	9.5 / 32,400
HKP-15C*	49.5	50	24.7	25	81	90	14.25 / 48,600
HKP-20C	49.5	50	49.5	50	105.7	110	19.0 / 64,800
GPCH34841*	3.6	---	---	---	--	--	---
HKP-05C*	25	25	---	---	32	50	4.75 / 16,200
HKR-08C*	36	40	---	---	43	50	7 / 23,800
HKP-10C*	49	50	---	---	56	60	9.5 / 32,400
HKP-15C*	49	50	25	25	81	90	14.25 / 48,600
HKP-20C	49	50	49	50	106	110	19.0 / 64,800
GPCH36041*	7.5	---	---	---	--	--	---
HKP-05C*	24.7	25	---	---	35.4	50	4.75 / 16,200
HKR-08C*	36.5	40	---	---	43.2	50	7 / 23,800
HKP-10C*	49.5	50	---	---	56.2	60	9.5 / 32,400
HKP-15C*	49.5	50	24.7	25	81	90	14.25 / 48,600
HKP-20C	49.5	50	49.5	50	105.7	110	19.0 / 64,800

¹ Minimum Circuit Ampacity @ 208 / 240 V² Maximum Overcurrent Protection Device @ 208 / 240 V

* Revision level that may or may not be designated

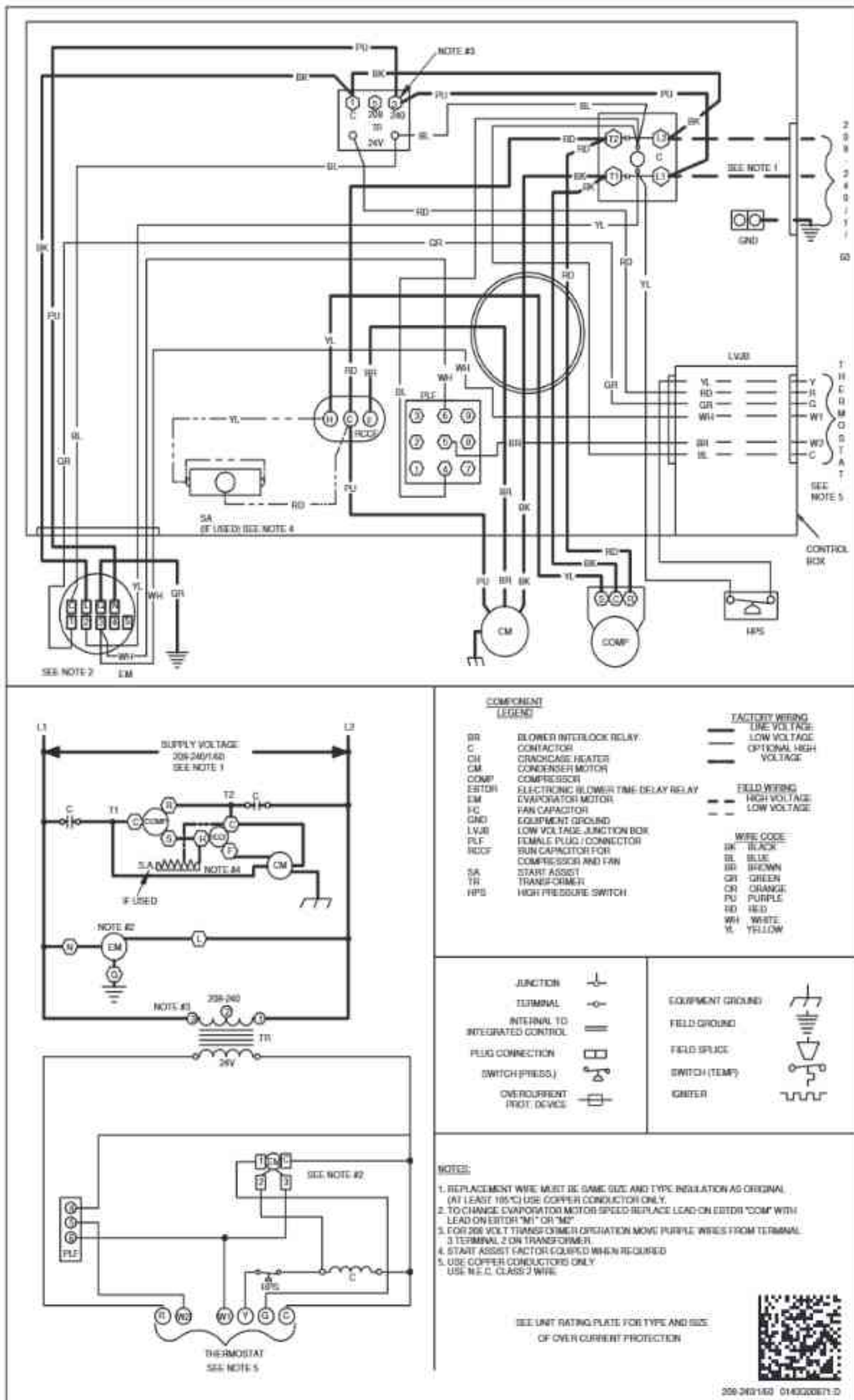
C Circuit breaker option

HKP-15C and HKP-20C replace HKR-15C and HKR-20C respectively to meet new UL1995 requirements.



MODEL	DIMENSIONS					CHASSIS SIZE
	W"	D"	H"	A"	B"	
GPCH32441*	66	34	22	27½	30	Small
GPCH33041*	66	34	22	27½	30	Small
GPCH33641*	66	34	22	27½	30	Small
GPCH34241*	66	34	22	32½	35	Medium
GPCH34841*	66	34	24	32½	35	Medium
GPCH36041*	66	34	24	32½	35	Medium

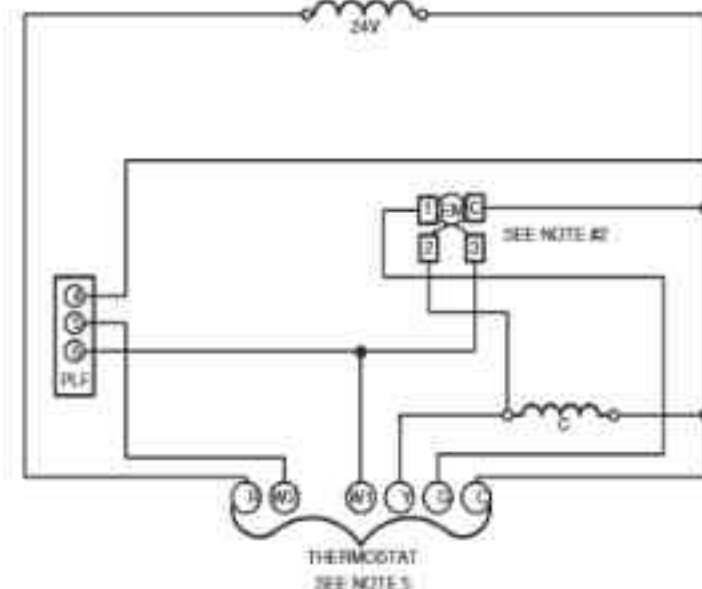
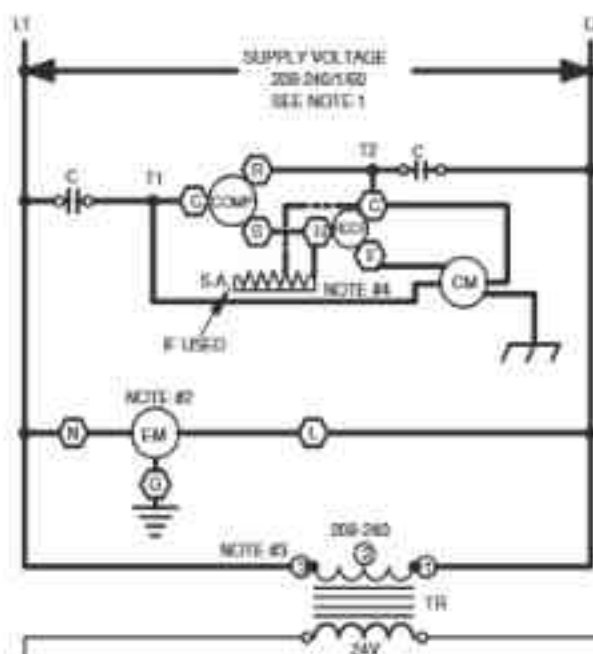
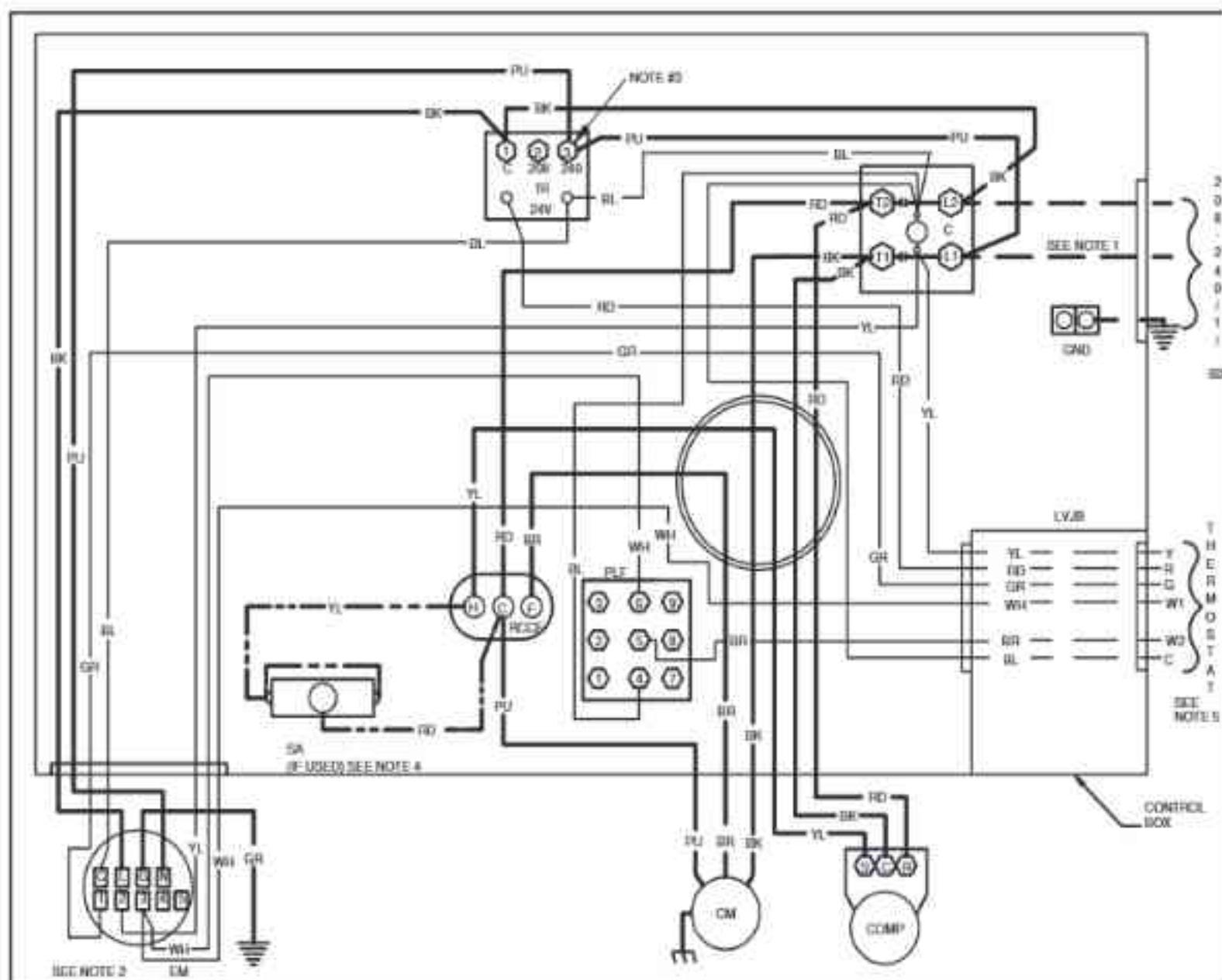
MODEL	DUCT OPENINGS			
	SUPPLY		RETURN	
	W	H	W	H
GPCH32441*	14	14	14	22
GPCH33041*	14	14	14	22
GPCH33641*	14	14	14	22
GPCH34241*	14	14	14	22
GPCH34841*	14	14	14	24
GPCH36041*	14	14	14	24



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

WARNING

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



COMPONENT LEGEND

IRL	BLOWER INTERLOCK RELAY
C	CONTACTOR
CR	CRACKCASE HEATER
CM	CONDENSER MOTOR
COMP	COMPRESSOR
EDTR	ELECTRONIC BLOWER TIME DELAY RELAY
EM	EVAPORATOR MOTOR
FC	FAN CAPACITOR
GRD	EQUIPMENT GROUND
LVJB	LOW VOLTAGE JUNCTION BOX
PLF	FEMALE PLUG / CONNECTOR
RCR	RUN CAPACITOR FOR COMPRESSOR AND FAN
SA	START ASSIST
TR	TRANSFORMER

FACTORY WIRING
LINE VOLTAGE
— LOW VOLTAGE
— OPTIONAL HIGH VOLTAGE

FIELD WIRING
— HIGH VOLTAGE
— LOW VOLTAGE

WIRE CODE
BK BLACK
BL BLUE
BR BROWN
GR GREEN
OR ORANGE
PU PURPLE
RD RED
WH WHITE
YL YELLOW

JUNCTION
TERMINAL
INTERNAL TO INTEGRATED CONTROL
PLUG CONNECTION
SWITCH (PRESS)
OVERCURRENT PROT. DEVICE

EQUIPMENT GROUND
FIELD GROUND
FIELD SPICE
SWITCH (TEMP)
IGNITER

NOTES:

1. REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE INSULATION AS ORIGINAL (AT LEAST 105°C) USE COPPER CONDUCTOR ONLY.
2. TO CHANGE EVAPORATOR MOTOR SPEED REPLACE LEAD ON EDTR "COM" WITH LEAD ON EDTR "M1" OR "M2"
3. FOR 208 VOLT TRANSFORMER OPERATION MOVE PURPLE WIRES FROM TERMINAL 3 (TERMINAL 3 ON TRANSFORMER)
4. START ASSIST FACTOR EQUIPPED WHEN REQUIRED
5. USE COPPER CONDUCTORS ONLY
USE N.E.C. CLASS 2 WIRE

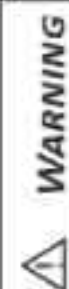
SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION.



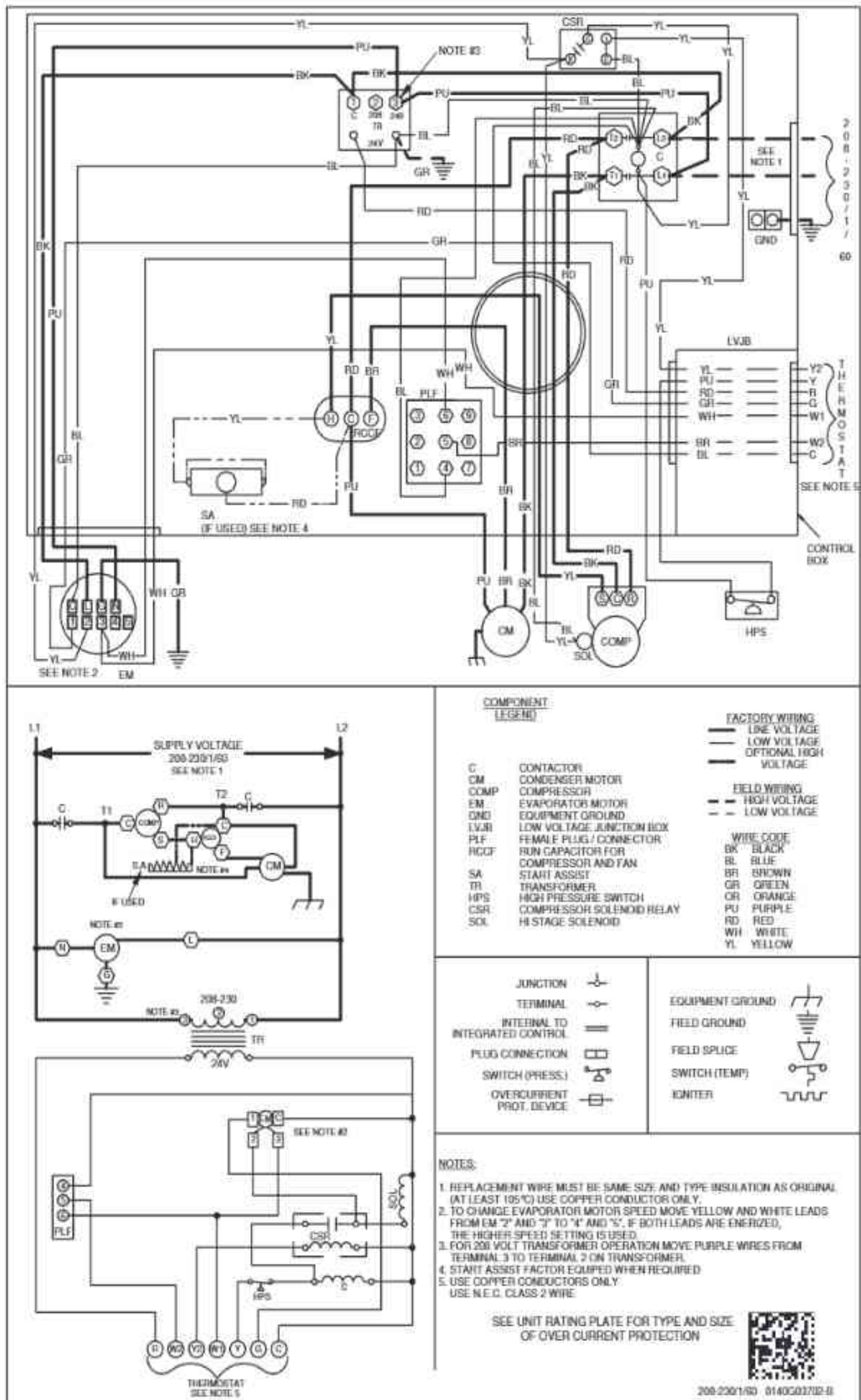
208-240/190 014000007-C



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.



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

WARNING

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

ACCESSORY DESCRIPTION	ITEM NUMBER	
	SMALL CHASSIS	MEDIUM/LARGE CHASSIS
Downflow Economizer (use w/PCCP roof curb)	DDNECNUPCHHA	DDNECNUPCHHA
Downflow Plenum Kit (use w/PCCP roof curb)	PCP101-103	PCP101-103
Downflow Plenum Kit (R-B) (use w/PCCP roof curb)	PCP101-103 RB	PCP101-103 RB
Elbow Flashing w/R-B Liner	PCEF101-103	PCEF101-103
Economizer Wiring Harness	0259G00213	0259G00213
External Horizontal Filter Rack	DPHFRA	DPHFRA
Horizontal Economizer	DHZEENUPGCHM	DHZEENUPGCHM
Inline Fuse Kit	INFKPKG01	INFKPKG01
Manual Damper	PCMD101-103	PCMD101-103
Manual Damper - Horizontal	GPHMD101-103	GPHMD101-103
Motorized Damper	PCMDM101-103	PCMDM101-103
Outdoor Thermostat Kit w/ Lockout Stat	OT18-60A	OT18-60A
Roof Curb	PCCP101-103	PCCP101-103
Square to Round Downflow (use w/PCCP roof curb)	SQRPC101	SQRPC102-103
Square to Round Horizontal	SQRPOH101	SQRPOH102-103

SINGLE-POINT WIRING KITS

Select the single-point kit accessory based on the unit model.

MODEL	SINGLE-POINT KIT
GPCH32441**	SPK-35
GPCH33041**	SPK-30
GPCH33641**	SPK-40
GPCH34241**	SPK-45
GPCH34841**	SPK-50
GPCH36041**	SPK-60