

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*

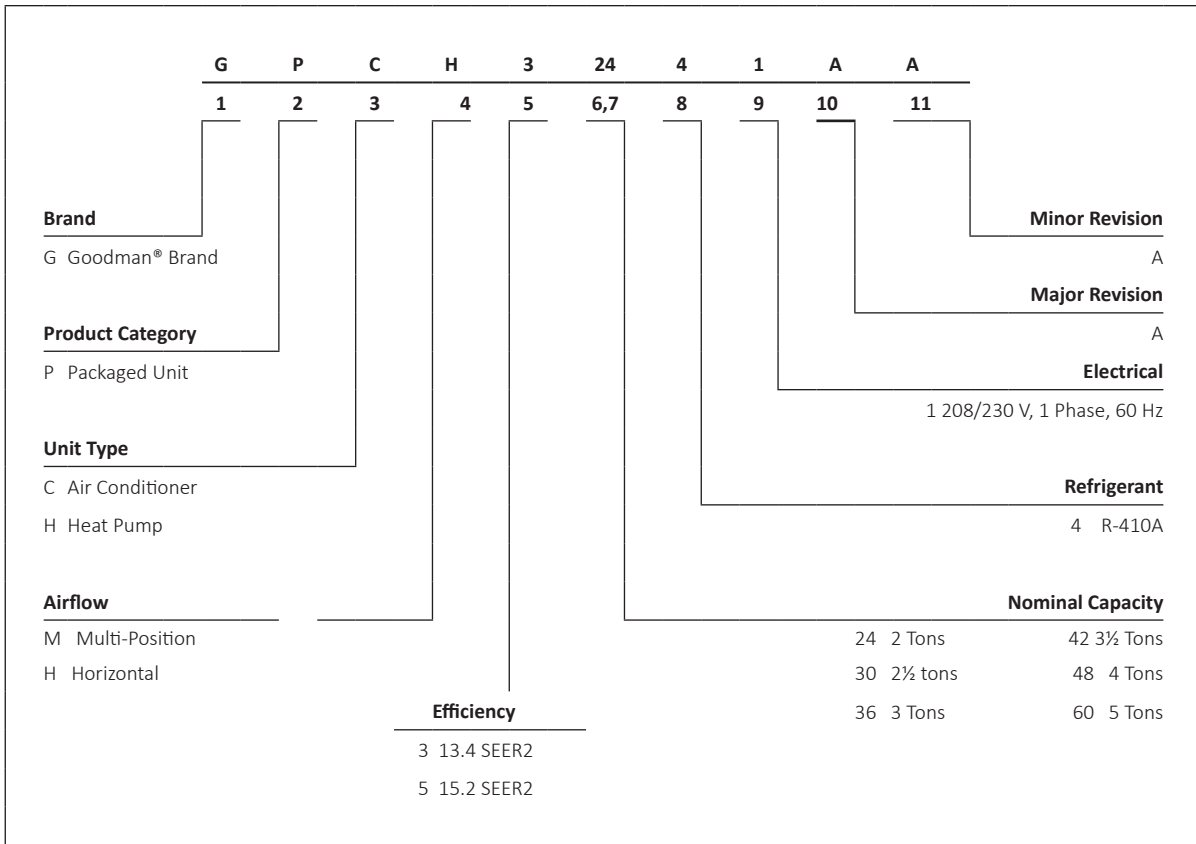


COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL
= ISO 9001 =

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 60 days of installation. Online registration is not required in California or Québec. The duration of warranty coverages in Texas and Florida differs in some cases.



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
AHRI 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	½ - 1050	½ - 1050	½ - 1050	½ - 1050	¾ - 1050	¾ - 1050
EVAPORATOR COIL						
Face Area (ft ²)	5.26	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 (ft ²)	9.3	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. ¹	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.

IDB		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		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	AIRFLOW	MBh	23.0	23.4	24.1	-	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	-	0.63	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	-	18.58	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	-	2.42	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	-	10.14	10.14	10.12	-	11.54	11.53	11.52	-			
		Hi PR	262	263	265	-	303	304	306	-	347	348	350	-	444	445	447	-	498	499	501	-			
		Lo PR	123	124	128	-	130	132	135	-	137	139	142	-	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	-			
		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	0.72	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	-			
	kW	1.53	1.53	1.52	-	1.72	1.72	1.72	-	1.93	1.93	1.93	-	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	-	10.19	10.18	10.17	-	11.59	11.58	11.56	-				
	Hi PR	264	265	267	-	305	306	308	-	349	350	352	-	446	447	449	-	500	501	503	-				
	Lo PR	124	126	129	-	132	134	137	-	139	140	143	-	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	-				
	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	-				
	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	-				
	kW	1.53	1.53	1.53	-	1.73	1.72	1.72	-	1.94	1.94	1.94	-	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	-	10.22	10.21	10.20	-	11.61	11.61	11.59	-				
	Hi PR	265	266	268	-	307	308	310	-	350	351	353	-	447	449	450	-	501	502	504	-				
	Lo PR	126	127	130	-	133	135	138	-	140	141	144	-	145	147	150	-	151	152	156	-				

IDB		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		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	AIRFLOW	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			
		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			
		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			
		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			
		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			
		Hi PR	262	263	265	269	303	305	306	311	347	348	350	354	394	395	397	401	444	445	447	452			
		Lo PR	123	124	128	133	130	132	135	140	137	139	142	147	143	144	147	153	148	150	153	158			
		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			
		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			
		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			
	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				
	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				
	Hi PR	264	265	267	272	306	307	309	313	349	350	352	357	396	397	399	403	446	447	449	454				
	Lo PR	125	126	129	134	132	134	137	142	139	140	143	149	144	146	149	154	150	151	154	160				
	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				
	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				
	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				
	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				
	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				
	Hi PR	265	267	268	273	307	308	310	315	350	352	353	358	397	398	400	405	448	449	451	455				
	Lo PR	126	127	130	136	133	135	138	143	140	141	145	150	145	147	150	155	151	152	156	161				

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		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65				75				85				95				105				115			
		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
	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
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	
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	21.4	
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	
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	
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	
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	21.6	
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	
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	
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 (TVA) conditions.
 Amps: Unit amps (comp.+ evaporator + condenser fan motors)
 kW = total system power

IDB		OUTDOOR AMBIENT TEMPERATURE																														
		65				75				85				95				105				115										
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71							
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	266	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	-	-
		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	-	-
1125		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	-	-

		MBh	24.3	24.7	25.4	26.5	26.3	24.1	24.5	25.2	26.3	26.3	23.5	23.8	24.6	25.6	25.6	22.4	22.8	23.5	24.6	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	0.5	1.00	0.77	0.63	0.5	0.5	1.00	0.80	0.66	0.5	0.5	1.00	0.82	0.68	0.5	0.5	1.00	1.00	0.70	0.5	1.00	1.00	0.75	0.6	
887		ΔT	20.90	19.22	16.07	12.8	12.8	20.85	19.17	16.02	12.8	12.8	21.09	19.41	16.26	13.0	13.0	20.84	19.15	16.01	12.7	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	1.6	1.78	1.78	1.77	1.8	1.8	2.00	2.00	2.00	2.0	2.0	2.25	2.25	2.24	2.3	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	6.4	7.28	7.28	7.26	7.3	8.32	8.31	8.29	8.4	8.4	9.44	9.43	9.41	9.5	9.5	10.68	10.68	10.66	10.7	12.15	12.14	12.13	12.2		
		Lo PR	130	132	135	140	140	138	139	143	148	145	146	149	155	155	150	150	397	398	400	405	448	449	451	455	502	503	505	509	
		MBh	24.7	25.1	25.8	26.9	26.7	24.5	24.9	25.6	26.7	26.7	23.9	24.2	24.9	26.0	26.0	22.8	23.1	23.9	25.0	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	0.5	1.00	0.81	0.67	0.5	0.5	1.00	0.84	0.69	0.5	0.5	1.00	0.86	0.71	0.6	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	11.9	19.98	18.30	15.15	11.9	11.9	20.22	18.53	15.39	12.1	12.1	19.97	18.28	15.14	11.9	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	1.6	1.79	1.79	1.78	1.8	1.8	2.01	2.01	2.01	2.0	2.0	2.26	2.26	2.25	2.3	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	6.4	7.32	7.32	7.30	7.4	8.36	8.35	8.34	8.4	8.4	9.48	9.47	9.45	9.5	9.5	10.73	10.72	10.70	10.8	12.19	12.18	12.17	12.2		
		Hi PR	268	269	271	275	274	309	310	312	317	353	354	356	360	360	399	401	402	407	407	450	450	451	453	457	504	505	507	511	
		Lo PR	132	134	137	142	142	140	142	145	150	147	148	152	157	163	153	154	157	163	163	158	158	160	163	168	165	167	170	176	
		MBh	25.2	25.6	26.3	27.4	27.4	25.0	25.4	26.1	27.2	24.4	24.7	25.5	26.6	26.6	23.3	23.7	24.4	25.5	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	0.5	1.00	0.82	0.68	0.5	0.5	1.00	0.85	0.70	0.6	0.6	1.00	1.00	0.72	0.6	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	11.1	19.13	17.45	14.30	11.0	11.0	19.37	17.68	14.54	11.3	11.3	19.11	17.43	14.29	11.0	11.0	18.89	17.21	14.06	10.8	19.94	18.26	15.11	11.9	
1125		kW	1.59	1.59	1.59	1.6	1.6	1.80	1.79	1.79	1.8	2.02	2.02	2.02	2.0	2.0	2.27	2.26	2.26	2.26	2.3	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	6.5	7.36	7.36	7.34	7.4	8.40	8.39	8.37	8.4	8.4	9.52	9.51	9.49	9.6	9.6	10.77	10.76	10.74	10.8	12.23	12.22	12.21	12.3		
		Hi PR	270	271	273	278	278	312	313	315	319	355	356	358	363	363	402	403	405	410	410	452	452	454	455	460	506	507	509	514	
		Lo PR	135	136	140	145	145	143	144	147	153	149	151	154	160	160	155	157	160	166	166	161	162	162	166	171	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		OUTDOOR AMBIENT TEMPERATURE												105												115											
		65						75						85						95						105						115					
		AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71						
80	887	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	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	0.83	0.7	1.00	1.00	0.83	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	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	2.84	2.84	2.84	2.9							
		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	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	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	20.4	20.7	21.5	22.6								
	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	0.87	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7								
	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	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	2.85	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	12.20	12.19	12.17	12.2									
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	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	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	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	0.88	0.8	1.00	1.00	0.88	0.8									
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	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	2.86	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	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	507	508	510	514									
Lo PR	135	137	140	146	143	145	148	154	150	152	155	160	156	157	161	166	161	163	166	172	169	170	173	179	169	170	173	179									
85	887	MBh	24.9	25.2	25.9	27.0	24.7	25.0	25.7	26.8	24.0	24.4	25.1	26.2	22.9	23.3	24.0	25.1	21.6	22.0	22.7	23.8	20.4	20.8	21.5	22.6	20.4	20.8	21.5	22.6							
		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	1.00	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8							
		ΔT	27.94	26.25	23.11	19.8	27.89	26.21	23.06	19.8	28.13	26.44	23.30	20.0	27.87	26.19	23.04	19.8	27.65	25.96	22.82	19.6	28.70	27.02	23.87	20.6	28.70	27.02	23.87	20.6							
		kW	1.58	1.58	1.58	1.6	1.78	1.78	1.78	1.8	2.01	2.01	2.00	2.0	2.25	2.25	2.25	2.3	2.53	2.52	2.52	2.5	2.85	2.85	2.84	2.9	2.85	2.85	2.84	2.9							
		Amps	6.38	6.37	6.36	6.4	7.31	7.30	7.28	7.4	8.34	8.33	8.32	8.4	9.46	9.45	9.43	9.5	10.71	10.70	10.68	10.8	12.17	12.17	12.15	12.2	12.17	12.17	12.15	12.2							
	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	503	504	506	511								
	Lo PR	132	134	137	143	140	142	145	151	147	149	152	157	153	154	158	163	159	160	163	169	166	167	170	176	166	167	170	176								
	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	20.8	21.2	21.9	23.0								
	S/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	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	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	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	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	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	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	21.3	21.7	22.4	23.5									
S/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	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	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	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	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	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	170	172	175	181									

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

IDB		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
AIRFLOW		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	-
MBh		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	-
S/T		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	-
ΔT		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	-
kW		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	-
Amps		317	319	321	-	317	319	321	-	363	364	366	-	412	413	415	-	464	465	467	-	520	522	524	-
Hi PR		121	122	125	-	128	130	133	-	135	136	139	-	140	141	145	-	145	147	150	-	152	153	157	-
Lo PR		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	-
MBh		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	-
S/T		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	-
ΔT		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	-
kW		9.61	9.60	9.57	-	10.98	10.97	10.95	-	12.51	12.50	12.48	-	14.17	14.16	14.14	-	16.02	16.01	15.99	-	18.20	18.19	18.16	-
Amps		320	321	323	-	320	321	323	-	365	366	368	-	414	415	417	-	467	468	470	-	523	524	526	-
Hi PR		123	124	127	-	130	131	134	-	136	138	141	-	142	143	146	-	147	149	152	-	154	155	158	-
Lo PR		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	-
MBh		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	-
S/T		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	-
ΔT		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	-
kW		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	-
Amps		279	280	282	-	322	323	325	-	367	369	371	-	416	417	419	-	469	470	472	-	525	526	528	-
Hi PR		124	126	129	-	132	133	136	-	138	140	143	-	144	145	148	-	149	151	154	-	156	157	160	-
Lo PR																									

IDB		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
AIRFLOW		36.2	36.8	37.8	39.5	35.9	36.4	37.5	39.2	35.0	35.5	36.6	38.2	33.3	33.9	34.9	36.6	31.4	31.9	32.9	34.6	29.5	30.1	31.1	32.8
MBh		0.75	0.68	0.54	0.4	0.76	0.68	0.54	0.4	1.00	0.71	0.57	0.4	1.00	0.73	0.59	0.4	1.00	0.75	0.61	0.5	1.00	0.80	0.66	0.5
S/T		22.68	20.94	17.68	14.3	22.64	20.89	17.64	14.3	22.88	21.14	17.88	14.5	22.62	20.87	17.62	14.2	22.38	20.64	17.39	14.0	23.48	21.73	18.48	15.1
ΔT		2.38	2.38	2.37	2.4	2.68	2.68	2.67	2.7	3.01	3.01	3.01	3.0	3.38	3.37	3.37	3.4	3.78	3.78	3.77	3.8	4.26	4.25	4.25	4.3
kW		9.53	9.52	9.49	9.6	10.90	10.89	10.87	11.0	12.43	12.42	12.40	12.5	14.09	14.08	14.06	14.2	15.94	15.93	15.91	16.0	18.12	18.11	18.08	18.2
Amps		274	276	278	282	318	319	321	326	363	364	366	371	412	413	415	420	465	466	468	472	521	522	524	529
Hi PR		121	122	125	130	128	130	133	138	135	136	139	144	140	141	145	150	145	147	150	155	152	154	157	162
Lo PR		36.7	37.2	38.3	40.0	36.4	36.9	38.0	39.6	35.4	36.0	37.0	38.7	33.8	34.3	35.4	37.1	31.8	32.3	33.4	35.1	30.0	30.5	31.6	33.3
MBh		0.82	0.74	0.60	0.5	0.82	0.74	0.60	0.5	1.00	0.77	0.63	0.5	1.00	0.79	0.65	0.5	1.00	0.81	0.67	0.5	1.00	1.00	0.73	0.6
S/T		21.63	19.89	16.63	13.3	21.58	19.84	16.58	13.2	21.83	20.08	16.83	13.5	21.56	19.82	16.57	13.2	21.33	19.59	16.33	13.0	22.42	20.68	17.42	14.1
ΔT		2.39	2.39	2.39	2.4	2.69	2.69	2.69	2.7	3.03	3.03	3.02	3.0	3.39	3.39	3.38	3.4	3.80	3.79	3.79	3.8	4.27	4.27	4.26	4.3
kW		9.60	9.59	9.56	9.7	10.97	10.96	10.94	11.0	12.50	12.49	12.47	12.6	14.16	14.15	14.13	14.2	16.02	16.00	15.98	16.1	18.19	18.18	18.15	18.3
Amps		277	278	280	285	320	321	323	328	365	367	369	373	414	415	417	422	467	468	470	475	523	524	526	531
Hi PR		123	124	127	132	130	131	134	140	136	138	141	146	142	143	146	151	147	149	152	157	154	155	158	164
Lo PR		37.3	37.8	38.9	40.5	37.0	37.5	38.6	40.2	36.0	36.5	37.6	39.3	34.4	34.9	36.0	37.6	32.4	32.9	34.0	35.6	30.6	31.1	32.2	33.8
MBh		0.85	0.77	0.63	0.5	0.86	0.78	0.64	0.5	1.00	0.80	0.67	0.5	1.00	0.82	0.69	0.5	1.00	0.85	0.71	0.6	1.00	1.00	0.76	0.6
S/T		20.74	19.00	15.75	12.4	20.70	18.95	15.70	12.3	20.94	19.20	15.94	12.6	20.68	18.93	15.68	12.3	20.45	18.70	15.45	12.1	21.54	19.79	16.54	13.2
ΔT		2.41	2.41	2.40	2.4	2.71	2.70	2.70	2.7	3.04	3.04	3.03	3.1	3.40	3.40	3.40	3.4	3.81	3.81	3.80	3.8	4.28	4.28	4.28	4.3
kW		9.66	9.65	9.62	9.7	11.03	11.02	11.00	11.1	12.56	12.55	12.53	12.6	14.22	14.21	14.19	14.3	16.07	16.06	16.04	16.1	18.25	18.24	18.21	18.3
Amps		279	280	282	287	322	324	325	330	368	369	371	376	416	418	420	424	469	470	472	477	525	526	528	533
Hi PR		125	126	129	134	132	133	136	142	138	140	143	148	144	145	148	153	149	151	154	159	156	157	160	165
Lo PR																									

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		OUTDOOR AMBIENT TEMPERATURE												105												115											
		65						75						85						95						105						115					
		AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
		ENTERING INDOOR WET BULB TEMPERATURE																																			
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	29.7	30.2	31.3	33.0	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	1.00	1.00	0.79	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	27.34	25.59	22.34	19.0	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	4.26	4.25	4.25	4.3	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	18.12	18.11	18.09	18.2	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	521	522	524	529.1	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	153	154	157	162.3	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	30.2	30.7	31.8	33.4	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	1.00	1.00	0.85	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	26.28	24.54	21.28	17.9	26.28	24.54	21.28	17.9				
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	4.27	4.27	4.27	4.3	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	18.20	18.19	18.16	18.3	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	524	525	527	531.4	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	154	156	159	164.0	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	30.8	31.3	32.4	34.0	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	1.00	1.00	0.89	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	25.40	23.65	20.40	17.0	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	4.29	4.28	4.28	4.3	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	18.26	18.24	18.22	18.3	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	526	527	529	533.7	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	156	158	161	166.0	156	158	161	166.0					
1050	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	30.3	30.8	31.9	33.6	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	0.90	0.8	1.00	1.00	0.90	0.8	1.00	1.00	0.90	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	30.76	29.01	25.76	22.4	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	4.26	4.26	4.26	4.3	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	18.15	18.14	18.12	18.2	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	522	524	526	530.4	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	154	156	159	164.1	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	30.8	31.3	32.4	34.1	30.8	31.3	32.4	34.1				
	S/T	1.00	0.97	0.83	0.7	1.00	0.98	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	1.00	1.00	1.00	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	29.70	27.96	24.71	21.3	29.70	27.96	24.71	21.3				
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	4.28	4.3	4.28	4.28	4.28	4.3	4.28	4.28	4.28	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	18.22	18.21	18.19	18.3	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	525	526	528	532.7	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	156	158	161	165.9	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	31.4	31.9	33.0	34.6	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	1.00	1.00	1.00	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	28.82	27.07	23.82	20.4	28.82	27.0							

IDB		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		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																							
		AIRFLOW																							
70	MBh	41.2	41.8	43.0	-	40.9	41.4	42.7	-	39.8	40.4	41.6	-	38.0	38.5	39.8	-	35.7	36.3	37.5	-	33.7	34.3	35.5	-
	S/T	0.68	0.60	0.46	-	0.69	0.61	0.47	-	0.71	0.63	0.49	-	1.00	0.65	0.51	-	1.00	0.68	0.54	-	1.00	0.73	0.59	-
	ΔT	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	-
	kW	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	-
	Amps	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	-
	Hi PR	264	265	267	-	305	307	308	-	349	350	352	-	395	396	398	-	446	447	449	-	499	500	502	-
	Lo PR	126	128	131	-	134	135	138	-	140	142	145	-	146	148	151	-	151	153	156	-	158	160	163	-
	MBh	41.6	42.2	43.4	-	41.2	41.8	43.0	-	40.2	40.8	42.0	-	38.4	38.9	40.1	-	36.1	36.7	37.9	-	34.1	34.7	35.9	-
	S/T	0.70	0.63	0.49	-	0.71	0.63	0.49	-	0.73	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.75	0.61	-
	ΔT	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	-
kW	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	-	
Amps	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	-	
Hi PR	265	267	268	-	307	308	310	-	350	351	353	-	397	398	400	-	447	448	450	-	501	502	504	-	
Lo PR	127	129	132	-	135	136	140	-	142	143	146	-	147	149	152	-	153	154	157	-	160	161	164	-	
MBh	42.4	43.0	44.2	-	42.0	42.6	43.8	-	41.0	41.5	42.8	-	39.1	39.7	40.9	-	36.9	37.5	38.7	-	34.9	35.4	36.7	-	
S/T	0.72	0.65	0.51	-	0.73	0.65	0.51	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.72	0.58	-	1.00	1.00	0.63	-	
ΔT	17.09	15.27	11.87	-	17.04	15.22	11.82	-	17.29	15.47	12.07	-	17.02	15.20	11.80	-	16.78	14.95	11.55	-	17.92	16.09	12.69	-	
kW	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	-	
Amps	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	-	
Hi PR	268	269	271	-	309	310	312	-	352	354	355	-	399	400	402	-	449	450	452	-	503	504	506	-	
Lo PR	130	131	134	-	137	139	142	-	144	145	149	-	150	151	154	-	155	157	160	-	162	163	167	-	

75	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

IDB		OUTDOOR AMBIENT TEMPERATURE												105												115											
		65						75						85						95						105						115					
		AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	1300	MBh	41.5	42.0	43.3	45.1	41.1	41.7	42.9	44.7	40.0	40.6	41.8	43.7	38.2	38.8	40.0	41.9	36.0	36.5	37.8	39.6	33.9	34.5	35.7	37.6	31.0	31.6	32.8	34.7	28.9	29.5	30.7	32.6			
		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	0.80	0.7	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	27.45	25.63	22.23	18.7	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	4.80	4.80	4.79	4.8	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	20.54	20.53	20.50	20.6	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	500	501	503	507	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	159	160	164	169	159	160	164	169				
	1400	MBh	41.8	42.4	43.6	45.5	41.5	42.1	43.3	45.1	40.4	41.0	42.2	44.1	38.6	39.2	40.4	42.2	36.4	36.9	38.1	40.0	34.3	34.9	36.1	38.0	31.4	32.0	33.2	35.1	29.3	29.9	31.1	33.0			
		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	1.00	1.00	0.87	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	26.87	25.05	21.65	18.1	26.87	25.05	21.65	18.1			
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	4.81	4.81	4.80	4.8	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	20.58	20.57	20.54	20.7	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	501	502	504	509	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	160	162	165	170	160	162	165	170					
1575	1300	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	32.2	32.8	34.0	35.9	30.1	30.7	31.9	33.8			
		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	0.87	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.87	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	25.95	24.13	20.73	17.2	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	4.29	4.3	4.82	4.82	4.81	4.8	4.82	4.82	4.81	4.8	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	20.65	20.64	20.61	20.7	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	504	505	507	511	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	163	164	167	173	163	164	167	173				
	1400	MBh	42.5	43.1	44.3	46.2	42.2	42.7	44.0	45.8	41.1	41.7	42.9	44.8	39.3	39.9	41.1	42.9	37.0	37.6	38.8	40.7	35.0	35.6	36.8	38.6	32.1	32.7	33.9	35.8	30.0	30.6	31.8	33.7			
		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	0.92	0.8	1.00	1.00	0.92	0.8	1.00	1.00	0.92	0.8	1.00	1.00	0.92	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	30.44	28.62	25.22	21.7	30.44	28.62	25.22	21.7			
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	4.28	4.3	4.81	4.81	4.81	4.8	4.81	4.81	4.81	4.8	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	20.61	20.60	20.57	20.7	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	502	504	505	510	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	162	164	167	172	162	164	167	172					
1575	MBh	43.3	43.9	45.1	47.0	42.9	43.5	44.7	46.6	41.9	42.5	43.7	45.5	40.1	40.6	41.8	43.7	37.8	38.4	39.6	41.5	35.8	36.4	37.6	39.4	32.9	33.5	34.7	36.6	30.8	31.4	32.6	34.5				
	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	0.94	0.8	1.00	1.00	0.94	0.8	1.00	1.00	0.94	0.8	1.00	1.00	0.94	0.8				
	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	29.53	27.70	24.30	20.8	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	4.83	4.83	4.82	4.8	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	20.68	20.67	20.64	20.8	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	505	506	508	512	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	164	166	169	174	164	166	169	174					

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

IDB		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		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																							
		AIRFLOW																							
70	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	-	
1400	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	-	

IDB		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		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																							
		AIRFLOW																							
75	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	
1400	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	
1600	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

IDB		OUTDOOR AMBIENT TEMPERATURE												115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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		59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211	215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359	363	367	371	375	379	383	387	391	395	399	403	407	411	415	419	423	427	431	435	439	443	447	451	455	459	463	467	471	475	479	483	487	491	495	499	503	507	511	515	519	523	527	531	535	539	543	547	551	555	559	563	567	571	575	579	583	587	591	595	599	603	607	611	615	619	623	627	631	635	639	643	647	651	655	659	663	667	671	675	679	683	687	691	695	699	703	707	711	715	719	723	727	731	735	739	743	747	751	755	759	763	767	771	775	779	783	787	791	795	799	803	807	811	815	819	823	827	831	835	839	843	847	851	855	859	863	867	871	875	879	883	887	891	895	899	903	907	911	915	919	923	927	931	935	939	943	947	951	955	959	963	967	971	975	979	983	987	991	995	999	1003	1007	1011	1015	1019	1023	1027	1031	1035	1039	1043	1047	1051	1055	1059	1063	1067	1071	1075	1079	1083	1087	1091	1095	1099	1103	1107	1111	1115	1119	1123	1127	1131	1135	1139	1143	1147	1151	1155	1159	1163	1167	1171	1175	1179	1183	1187	1191	1195	1199	1203	1207	1211	1215	1219	1223	1227	1231	1235	1239	1243	1247	1251	1255	1259	1263	1267	1271	1275	1279	1283	1287	1291	1295	1299	1303	1307	1311	1315	1319	1323	1327	1331	1335	1339	1343	1347	1351	1355	1359	1363	1367	1371	1375	1379	1383	1387	1391	1395	1399	1403	1407	1411	1415	1419	1423	1427	1431	1435	1439	1443	1447	1451	1455	1459	1463	1467	1471	1475	1479	1483	1487	1491	1495	1499	1503	1507	1511	1515	1519	1523	1527	1531	1535	1539	1543	1547	1551	1555	1559	1563	1567	1571	1575	1579	1583	1587	1591	1595	1599	1603	1607	1611	1615	1619	1623	1627	1631	1635	1639	1643	1647	1651	1655	1659	1663	1667	1671	1675	1679	1683	1687	1691	1695	1699	1703	1707	1711	1715	1719	1723	1727	1731	1735	1739	1743	1747	1751	1755	1759	1763	1767	1771	1775	1779	1783	1787	1791	1795	1799	1803	1807	1811	1815	1819	1823	1827	1831	1835	1839	1843	1847	1851	1855	1859	1863	1867	1871	1875	1879	1883	1887	1891	1895	1899	1903	1907	1911	1915	1919	1923	1927	1931	1935	1939	1943	1947	1951	1955	1959	1963	1967	1971	1975	1979	1983	1987	1991	1995	1999	2003	2007	2011	2015	2019	2023	2027	2031	2035	2039	2043	2047	2051	2055	2059	2063	2067	2071	2075	2079	2083	2087	2091	2095	2099	2103	2107	2111	2115	2119	2123	2127	2131	2135	2139	2143	2147	2151	2155	2159	2163	2167	2171	2175	2179	2183	2187	2191	2195	2199	2203	2207	2211	2215	2219	2223	2227	2231	2235	2239	2243	2247	2251	2255	2259	2263	2267	2271	2275	2279	2283	2287	2291	2295	2299	2303	2307	2311	2315	2319	2323	2327	2331	2335	2339	2343	2347	2351	2355	2359	2363	2367	2371	2375	2379	2383	2387	2391	2395	2399	2403	2407	2411	2415	2419	2423	2427	2431	2435	2439	2443	2447	2451	2455	2459	2463	2467	2471	2475	2479	2483	2487	2491	2495	2499	2503	2507	2511	2515	2519	2523	2527	2531	2535	2539	2543	2547	2551	2555	2559	2563	2567	2571	2575	2579	2583	2587	2591	2595	2599	2603	2607	2611	2615	2619	2623	2627	2631	2635	2639	2643	2647	2651	2655	2659	2663	2667	2671	2675	2679	2683	2687	2691	2695	2699	2703	2707	2711	2715	2719	2723	2727	2731	2735	2739	2743	2747	2751	2755	2759	2763	2767	2771	2775	2779	2783	2787	2791	2795	2799	2803	2807	2811	2815	2819	2823	2827	2831	2835	2839	2843	2847	2851	2855	2859	2863	2867	2871	2875	2879	2883	2887	2891	2895	2899	2903	2907	2911	2915	2919	2923	2927	2931	2935	2939	2943	2947	2951	2955	2959	2963	2967	2971	2975	2979	2983	2987	2991	2995	2999	3003	3007	3011	3015	3019	3023	3027	3031	3035	3039	3043	3047	3051	3055	3059	3063	3067	3071	3075	3079	3083	3087	3091	3095	3099	3103	3107	3111	3115	3119	3123	3127	3131	3135	3139	3143	3147	3151	3155	3159	3163	3167	3171	3175	3179	3183	3187	3191	3195	3199	3203	3207	3211	3215	3219	3223	3227	3231	3235	3239	3243	3247	3251	3255	3259	3263	3267	3271	3275	3279	3283	3287	3291	3295	3299	3303	3307	3311	3315	3319	3323	3327	3331	3335	3339	3343	3347	3351	3355	3359	3363	3367	3371	3375	3379	3383	3387	3391	3395	3399	3403	3407	3411	3415	3419	3423	3427	3431	3435	3439	3443	3447	3451	3455	3459	3463	3467	3471	3475	3479	3483	3487	3491	3495	3499	3503	3507	3511	3515	3519	3523	3527	3531	3535	3539	3543	3547	3551	3555	3559	3563	3567	3571	3575	3579	3583	3587	3591	3595	3599	3603	3607	3611	3615	3619	3623	3627	3631	3635	3639	3643	3647	3651	3655	3659	3663	3667	3671	3675	3679	3683	3687	3691	3695	3699	3703	3707	3711	3715	3719	3723	3727	3731	3735	3739	3743	3747	3751	3755	3759	3763	3767	3771	3775	3779	3783	3787	3791	3795	3799	3803	3807	3811	3815	3819	3823	3827	3831	3835	3839	3843	3847	3851	3855	3859	3863	3867	3871	3875	3879	3883	3887	3891	3895	3899	3903	3907	3911	3915	3919	3923	3927	3931	3935	3939	3943	3947	3951	3955	3959	3963	3967	3971	3975	3979	3983	3987	3991	3995	3999	4003	4007	4011	4015	4019	4023	4027	4031	4035	4039	4043	4047	4051	4055	4059	4063	4067	4071	4075	4079	4083	4087	4091	4095	4099	4103	4107	4111	4115	4119	4123	4127	4131	4135	4139	4143	4147	4151	4155	4159	4163	4167	4171	4175	4179	4183	4187	4191	4195	4199	4203	4207	4211	4215	4219	4223	4227	4231	4235	4239	4243	4247	4251	4255	4259	4263	4267	4271	4275	4279	4283	4287	4291	4295	4299	4303	4307	4311	4315	4319	4323	4327	4331	4335	4339	4343	4347	4351	4355	4359	4363	4367	4371	4375	4379	4383	4387	4391	4395	4399	4403	4407	4411	4415	4419	4423	4427	4431	4435	4439	4443	4447	4451	4455	4459	4463	4467	4471	4475	4479	4483	4487	4491	4495	4499	4503	4507	4511	4515	4519	4523	4527	4531	4535	4539	4543	4547	4551	4555	4559	4563	4567	4571	4575	4579	4583	4587	4591	4595	4599	4603	4607	4611	4615	4619	4623	4627	4631	4635	4639	4643	4647	4651	4655	4659	4663	4667	4671	4675	4679	4683	4687	4691	4695	4699	4703	4707	4711	4715	4719	4723	4727	4731	4735	4739	4743	4747	4751	4755	4759	4763	4767	4771	4775	4779	4783	4787	4791	4795	4799	4803	4807	4811	4815	4819	4823	4827	4831	4835	4839	4843	4847	4851	4855	4859	4863	4867	4871	4875	4879	4883	4887	4891	4895	4899	4903	4907	4911	4915	4919	4923	4927	4931	4935	4939	4943	4947	4951	4955	4959	4963	4967	4971	4975	4979	4983	4987	4991	4995	4999	5003	5007	5011	5015	5019	5023	5027	5031	5035	5039	5043	5047	5051	5055	5059	5063	5067	5071	5075	5079	5083	5087	5091	5095	5099	5103	5107	5111	5115	5119	5123	5127	5131	5135	5139	5143	5147	5151	5155	5159	5163	5167	5171	5175	5179	5183	5187	5191	5195	5199	5203	5207	5211	5215	5219	5223	5227	5231	5235	5239	5243	5247	5251	5255	5259	5263	5267	5271	5275	5279	5283	5287	5291	5295	5299	5303	5307	5311	5315	5319	5323	5327	5331	5335	5339	5343	5347	5351	5355	5359	5363	5367	5371	5375	5379	5383	5387	5391	5395	5399	5403	5407	5411	5415	5419	5423	5427	5431	5435	5439	5443	5447	5451	5455	5459	5463	5467	5471	5475	5479	5483	5487	5491	5495	5499	5503	550

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												
		65				75				85				95				105				115				
		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	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	-	
70	1600	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	-
		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	-	
70	1800	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	-
		Hi PR	283	284	286	-	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	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	1.00	0.67	0.54	0.4	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	286	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	
75	1600	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
		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	5.33	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	
75	1800	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	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

IDB		OUTDOOR AMBIENT TEMPERATURE												105												115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		65						75						85						95						105						115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
		ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
AIRFLOW		59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211	215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359	363	367	371	375	379	383	387	391	395	399	403	407	411	415	419	423	427	431	435	439	443	447	451	455	459	463	467	471	475	479	483	487	491	495	499	503	507	511	515	519	523	527	531	535	539	543	547	551	555	559	563	567	571	575	579	583	587	591	595	599	603	607	611	615	619	623	627	631	635	639	643	647	651	655	659	663	667	671	675	679	683	687	691	695	699	703	707	711	715	719	723	727	731	735	739	743	747	751	755	759	763	767	771	775	779	783	787	791	795	799	803	807	811	815	819	823	827	831	835	839	843	847	851	855	859	863	867	871	875	879	883	887	891	895	899	903	907	911	915	919	923	927	931	935	939	943	947	951	955	959	963	967	971	975	979	983	987	991	995	999	1003	1007	1011	1015	1019	1023	1027	1031	1035	1039	1043	1047	1051	1055	1059	1063	1067	1071	1075	1079	1083	1087	1091	1095	1099	1103	1107	1111	1115	1119	1123	1127	1131	1135	1139	1143	1147	1151	1155	1159	1163	1167	1171	1175	1179	1183	1187	1191	1195	1199	1203	1207	1211	1215	1219	1223	1227	1231	1235	1239	1243	1247	1251	1255	1259	1263	1267	1271	1275	1279	1283	1287	1291	1295	1299	1303	1307	1311	1315	1319	1323	1327	1331	1335	1339	1343	1347	1351	1355	1359	1363	1367	1371	1375	1379	1383	1387	1391	1395	1399	1403	1407	1411	1415	1419	1423	1427	1431	1435	1439	1443	1447	1451	1455	1459	1463	1467	1471	1475	1479	1483	1487	1491	1495	1499	1503	1507	1511	1515	1519	1523	1527	1531	1535	1539	1543	1547	1551	1555	1559	1563	1567	1571	1575	1579	1583	1587	1591	1595	1599	1603	1607	1611	1615	1619	1623	1627	1631	1635	1639	1643	1647	1651	1655	1659	1663	1667	1671	1675	1679	1683	1687	1691	1695	1699	1703	1707	1711	1715	1719	1723	1727	1731	1735	1739	1743	1747	1751	1755	1759	1763	1767	1771	1775	1779	1783	1787	1791	1795	1799	1803	1807	1811	1815	1819	1823	1827	1831	1835	1839	1843	1847	1851	1855	1859	1863	1867	1871	1875	1879	1883	1887	1891	1895	1899	1903	1907	1911	1915	1919	1923	1927	1931	1935	1939	1943	1947	1951	1955	1959	1963	1967	1971	1975	1979	1983	1987	1991	1995	1999	2003	2007	2011	2015	2019	2023	2027	2031	2035	2039	2043	2047	2051	2055	2059	2063	2067	2071	2075	2079	2083	2087	2091	2095	2099	2103	2107	2111	2115	2119	2123	2127	2131	2135	2139	2143	2147	2151	2155	2159	2163	2167	2171	2175	2179	2183	2187	2191	2195	2199	2203	2207	2211	2215	2219	2223	2227	2231	2235	2239	2243	2247	2251	2255	2259	2263	2267	2271	2275	2279	2283	2287	2291	2295	2299	2303	2307	2311	2315	2319	2323	2327	2331	2335	2339	2343	2347	2351	2355	2359	2363	2367	2371	2375	2379	2383	2387	2391	2395	2399	2403	2407	2411	2415	2419	2423	2427	2431	2435	2439	2443	2447	2451	2455	2459	2463	2467	2471	2475	2479	2483	2487	2491	2495	2499	2503	2507	2511	2515	2519	2523	2527	2531	2535	2539	2543	2547	2551	2555	2559	2563	2567	2571	2575	2579	2583	2587	2591	2595	2599	2603	2607	2611	2615	2619	2623	2627	2631	2635	2639	2643	2647	2651	2655	2659	2663	2667	2671	2675	2679	2683	2687	2691	2695	2699	2703	2707	2711	2715	2719	2723	2727	2731	2735	2739	2743	2747	2751	2755	2759	2763	2767	2771	2775	2779	2783	2787	2791	2795	2799	2803	2807	2811	2815	2819	2823	2827	2831	2835	2839	2843	2847	2851	2855	2859	2863	2867	2871	2875	2879	2883	2887	2891	2895	2899	2903	2907	2911	2915	2919	2923	2927	2931	2935	2939	2943	2947	2951	2955	2959	2963	2967	2971	2975	2979	2983	2987	2991	2995	2999	3003	3007	3011	3015	3019	3023	3027	3031	3035	3039	3043	3047	3051	3055	3059	3063	3067	3071	3075	3079	3083	3087	3091	3095	3099	3103	3107	3111	3115	3119	3123	3127	3131	3135	3139	3143	3147	3151	3155	3159	3163	3167	3171	3175	3179	3183	3187	3191	3195	3199	3203	3207	3211	3215	3219	3223	3227	3231	3235	3239	3243	3247	3251	3255	3259	3263	3267	3271	3275	3279	3283	3287	3291	3295	3299	3303	3307	3311	3315	3319	3323	3327	3331	3335	3339	3343	3347	3351	3355	3359	3363	3367	3371	3375	3379	3383	3387	3391	3395	3399	3403	3407	3411	3415	3419	3423	3427	3431	3435	3439	3443	3447	3451	3455	3459	3463	3467	3471	3475	3479	3483	3487	3491	3495	3499	3503	3507	3511	3515	3519	3523	3527	3531	3535	3539	3543	3547	3551	3555	3559	3563	3567	3571	3575	3579	3583	3587	3591	3595	3599	3603	3607	3611	3615	3619	3623	3627	3631	3635	3639	3643	3647	3651	3655	3659	3663	3667	3671	3675	3679	3683	3687	3691	3695	3699	3703	3707	3711	3715	3719	3723	3727	3731	3735	3739	3743	3747	3751	3755	3759	3763	3767	3771	3775	3779	3783	3787	3791	3795	3799	3803	3807	3811	3815	3819	3823	3827	3831	3835	3839	3843	3847	3851	3855	3859	3863	3867	3871	3875	3879	3883	3887	3891	3895	3899	3903	3907	3911	3915	3919	3923	3927	3931	3935	3939	3943	3947	3951	3955	3959	3963	3967	3971	3975	3979	3983	3987	3991	3995	3999	4003	4007	4011	4015	4019	4023	4027	4031	4035	4039	4043	4047	4051	4055	4059	4063	4067	4071	4075	4079	4083	4087	4091	4095	4099	4103	4107	4111	4115	4119	4123	4127	4131	4135	4139	4143	4147	4151	4155	4159	4163	4167	4171	4175	4179	4183	4187	4191	4195	4199	4203	4207	4211	4215	4219	4223	4227	4231	4235	4239	4243	4247	4251	4255	4259	4263	4267	4271	4275	4279	4283	4287	4291	4295	4299	4303	4307	4311	4315	4319	4323	4327	4331	4335	4339	4343	4347	4351	4355	4359	4363	4367	4371	4375	4379	4383	4387	4391	4395	4399	4403	4407	4411	4415	4419	4423	4427	4431	4435	4439	4443	4447	4451	4455	4459	4463	4467	4471	4475	4479	4483	4487	4491	4495	4499	4503	4507	4511	4515	4519	4523	4527	4531	4535	4539	4543	4547	4551	4555	4559	4563	4567	4571	4575	4579	4583	4587	4591	4595	4599	4603	4607	4611	4615	4619	4623	4627	4631	4635	4639	4643	4647	4651	4655	4659	4663	4667	4671	4675	4679	4683	4687	4691	4695	4699	4703	4707	4711	4715	4719	4723	4727	4731	4735	4739	4743	4747	4751	4755	4759	4763	4767	4771	4775	4779	4783	4787	4791	4795	4799	4803	4807	4811	4815	4819	4823	4827	4831	4835	4839	4843	4847	4851	4855	4859	4863	4867	4871	4875	4879	4883	4887	4891	4895	4899	4903	4907	4911	4915	4919	4923	4927	4931	4935	4939	4943	4947	4951	4955	4959	4963	4967	4971	4975	4979	4983	4987	4991	4995	4999	5003	5007	5011	5015	5019	5023	5027	5031	5035	5039	5043	5047	5051	5055	5059	5063	5067	5071	5075	5079	5083	5087	5091	5095	5099	5103	5107	5111	5115	5119	5123	5127	5131	5135	5139	5143	5147	5151	5155	5159	5163	5167	5171	5175	5179	5183	5187	5191	5195	5199	5203	5207	5211	5215	5219	5223	5227	5231	5235	5239	5243	5247	5251	5255	5259	5263	5267	5271	5275	5279	5283	5287	5291	5295	5299	5303	5307	5311	5315	5319	5323	5327	5331	5335	5339	5343	5347	5351	5355	5359	5363	5367	5371	5375	5379	5383	5387	5391	5395	5399	5403	5407	5411

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		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	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	-
	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	-
	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	-
	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	-
	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	-
	Hi PR	266	267	269	-	308	309	311	-	352	353	355	-	399	400	402	-	450	451	453	-	505	506	508	-
Lo PR	122	123	126	-	129	131	134	-	136	137	140	-	141	143	146	-	147	148	151	-	153	155	158	-	
70	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	-
	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	-
	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	-
	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	-
	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	-
	Hi PR	268	269	271	-	310	311	313	-	354	355	357	-	401	403	404	-	453	454	456	-	507	508	510	-
Lo PR	124	125	128	-	131	133	136	-	138	139	142	-	143	145	148	-	148	150	153	-	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	-
	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	-
	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	-
	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	-
	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	-
	Hi PR	270	272	273	-	312	314	315	-	356	357	359	-	404	405	407	-	455	456	458	-	509	510	512	-
Lo PR	126	127	130	-	133	135	138	-	139	141	144	-	145	146	150	-	150	152	155	-	157	159	162	-	

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
75	MBh	41.0	41.6	42.8	44.7	40.6	41.2	42.4	44.3	39.6	40.1	41.4	43.2	37.7	38.3	39.5	41.4	35.5	36.0	37.3	39.1	33.4	34.0	35.2	37.1
	S/T	0.71	0.63	0.50	0.37	0.71	0.64	0.51	0.37	1.00	0.66	0.53	0.40	1.00	0.68	0.55	0.41	1.00	0.70	0.57	0.44	1.00	1.00	0.62	0.48
	ΔT	24.33	22.46	18.97	15.35	24.28	22.41	18.92	15.30	24.54	22.67	19.18	15.56	24.26	22.39	18.90	15.28	24.01	22.14	18.65	15.03	25.18	23.31	19.82	16.20
	KW	2.35	2.35	2.35	2.37	2.65	2.65	2.64	2.67	2.98	2.98	2.97	3.00	3.34	3.34	3.33	3.36	3.74	3.74	3.73	3.76	4.21	4.21	4.20	4.23
	Amps	8.71	8.70	8.68	8.78	10.00	9.99	9.97	10.07	11.44	11.43	11.41	11.51	13.01	12.99	12.97	13.07	14.75	14.74	14.72	14.81	16.79	16.78	16.76	16.86
	Hi PR	266	267	269	274	308	309	311	316	352	353	355	360	399	401	402	407	450	452	454	458	505	506	508	513
Lo PR	122	123	126	132	129	131	134	139	136	137	140	146	141	143	146	151	147	148	151	156	153	155	158	163	
1120	MBh	41.5	42.1	43.3	45.2	41.2	41.7	43.0	44.8	40.1	40.7	41.9	43.8	38.2	38.8	40.1	41.9	36.0	36.6	37.8	39.7	33.9	34.5	35.7	37.6
	S/T	0.76	0.69	0.56	0.42	0.77	0.70	0.57	0.43	1.00	0.72	0.59	0.45	1.00	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	1.00	0.68	0.54
	ΔT	23.20	21.33	17.84	14.22	23.15	21.28	17.79	14.17	23.41	21.54	18.05	14.43	23.13	21.26	17.77	14.15	22.88	21.01	17.52	13.90	24.05	22.18	18.69	15.07
	KW	2.37	2.37	2.36	2.38	2.67	2.66	2.66	2.68	3.00	2.99	2.99	3.01	3.36	3.35	3.35	3.37	3.76	3.75	3.75	3.77	4.23	4.22	4.22	4.24
	Amps	8.78	8.77	8.75	8.84	10.07	10.06	10.04	10.14	11.51	11.50	11.48	11.58	13.07	13.06	13.04	13.14	14.82	14.81	14.78	14.88	16.86	16.85	16.83	16.93
	Hi PR	268	270	271	276	310	312	313	318	354	356	357	362	402	403	405	409	453	454	456	460	507	508	510	515
Lo PR	124	125	128	133	131	132	136	141	138	139	142	147	143	145	148	153	148	150	153	158	155	157	160	165	
1260	MBh	42.2	42.8	44.0	45.8	41.8	42.4	43.6	45.5	40.7	41.3	42.5	44.4	38.9	39.5	40.7	42.6	36.6	37.2	38.4	40.3	34.6	35.2	36.4	38.3
	S/T	0.80	0.72	0.59	0.46	0.80	0.73	0.60	0.46	1.00	0.75	0.62	0.49	1.00	0.77	0.64	0.50	1.00	0.79	0.66	0.53	1.00	1.00	0.71	0.57
	ΔT	22.25	20.38	16.89	13.27	22.20	20.33	16.84	13.22	22.46	20.59	17.10	13.48	22.18	20.31	16.82	13.20	21.93	20.06	16.57	12.95	23.10	21.23	17.74	14.12
	KW	2.38	2.38	2.37	2.40	2.68	2.68	2.67	2.69	3.01	3.01	3.00	3.03	3.37	3.37	3.36	3.38	3.77	3.77	3.76	3.78	4.24	4.24	4.23	4.26
	Amps	8.83	8.82	8.80	8.90	10.13	10.12	10.09	10.19	11.57	11.56	11.54	11.63	13.13	13.12	13.10	13.19	14.87	14.86	14.84	14.94	16.92	16.91	16.88	16.98
	Hi PR	271	272	274	278	313	314	316	320	357	358	360	364	404	405	407	412	455	456	458	463	509	511	512	517
Lo PR	126	127	130	135	133	135	138	143	140	141	144	149	145	147	150	155	150	152	155	160	157	159	162	167	

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

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. DP3CH6041

MODEL	HEAT KIT	CIRCUIT #1		CIRCUIT #2		SINGLE-POINT KIT		ACTUAL @ 240V	
		MCA*	MOP**	MCA*	MOP**	MCA*	MOP**	kW	BTU/HR
GPCH32441AA	HKP-05C	24.7	25	---	---	28.5	30	4.75	16,200
	HKR-08C	36.5	40	---	---	50.9	50	7	23,900
	HKP-10C	49.5	50	---	---	63.9	70	9.5	32,400
GPCH33041AA	HKP-05C	24.7	25	---	---	28.5	30	4.75	16,200
	HKR-08C	36.5	40	---	---	58.1	60	7	23,900
	HKP-10C	49.5	50	---	---	71.1	80	9.5	32,400
	HKP-15C	49.5	50	24.7	25	102	110	14.25	48,600
GPCH33641AA	HKP-05C	24.7	25	---	---	28.5	30	4.75	16,200
	HKR-08C	36.5	40	---	---	60.8	60	7	23,900
	HKP-10C	49.5	50	---	---	73.8	80	9.5	32,400
	HKP-15C	49.5	50	24.7	25	104.7	110	14.25	48,600
GPCH34241AA	HKP-05C	24.7	25	---	---	30.1	30	4.75	16,200
	HKR-08C	36.5	40	---	---	65.7	70	7	23,900
	HKP-10C	49.5	50	---	---	78.7	80	9.5	32,400
	HKP-15C	49.5	50	24.7	25	109.6	110	14.25	48,600
	HKP-20C	49.5	50	49.5	50	140.6	150	19	64,800
GPCH34841AA	HKP-05C	24.7	25	---	---	30.1	30	4.75	16,200
	HKR-08C	36.5	40	---	---	68.1	70	7	23,900
	HKP-10C	49.5	50	---	---	81.1	90	9.5	32,400
	HKP-15C	49.5	50	24.7	25	112	125	14.25	48,600
	HKP-20C	49.5	50	49.5	50	143	150	19	64,800
GPCH36041AA	HKP-05C	24.7	25	---	---	30.1	30	4.75	16,200
	HKR-08C	36.5	40	---	---	72	80	7	23,900
	HKP-10C	49.5	50	---	---	85	90	9.5	32,400
	HKP-15C	49.5	50	24.7	25	115.9	125	14.25	48,600
	HKP-20C	49.5	50	49.5	50	146.9	150	19	64,800

* Minimum Circuit Ampacity

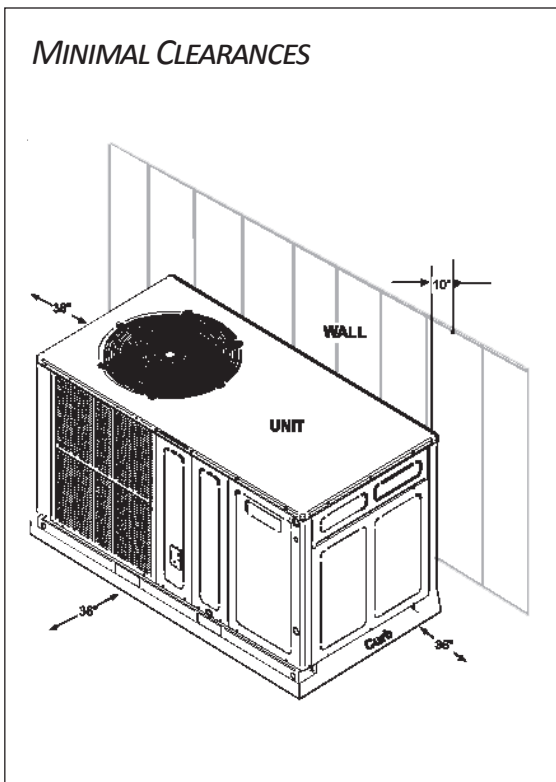
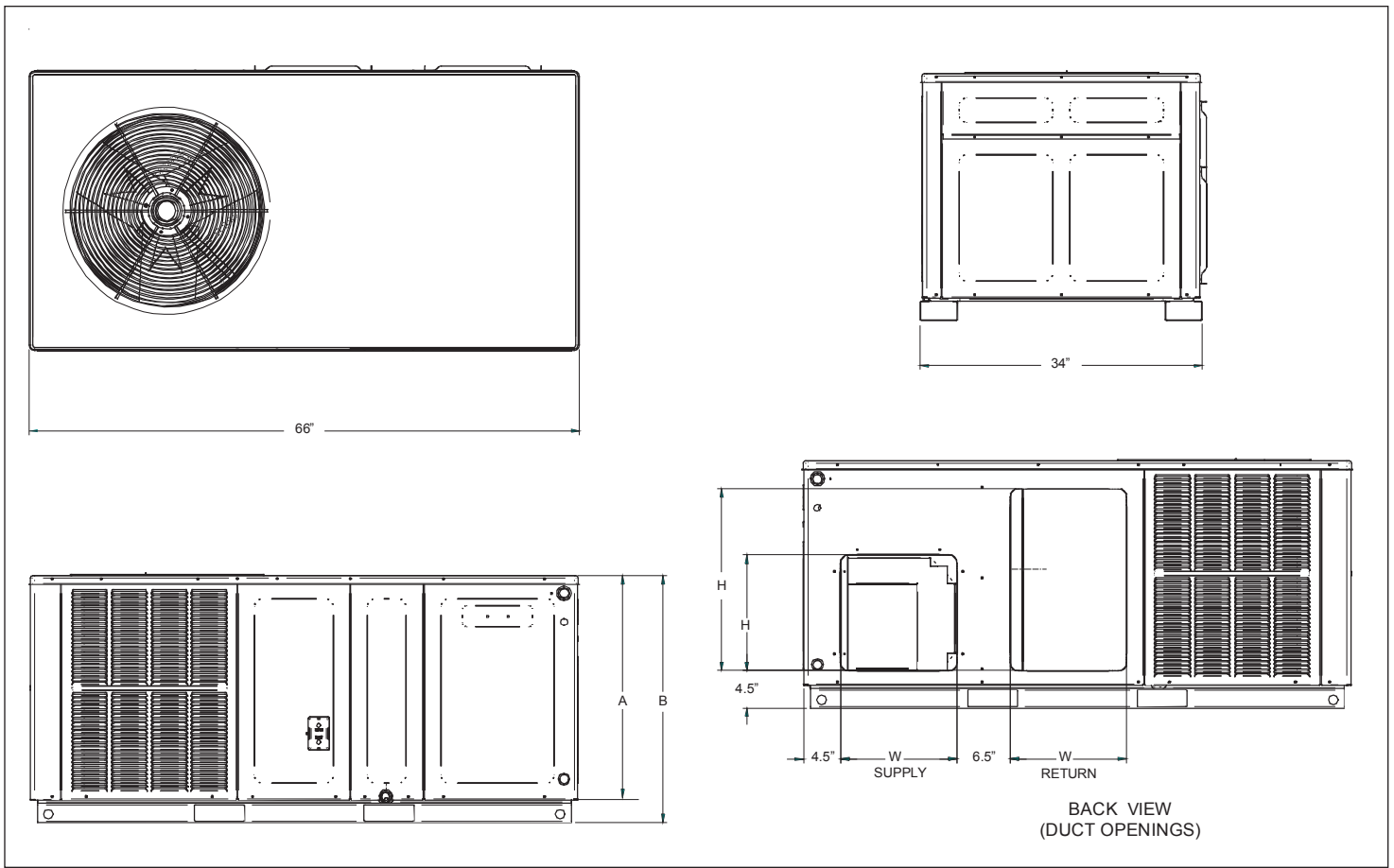
** Maximum Overload Protection

HEAT KIT ELECTRICAL DATA (BLOWER ONLY, HEAT MODE)

MODEL	HEAT KIT	CIRCUIT #1		CIRCUIT #2		SINGLE-POINT KIT		ACTUAL @ 240V	
		MCA*	MOP**	MCA*	MOP**	MCA*	MOP**	kW	BTU/HR
GPCH32441AB	HKTPD051	24.7	25	---	---	28.5	30	4.75	16,200
	HKTPD081	36.5	40	---	---	50.9	50	7	23,900
	HKTPD101	49.5	50	---	---	63.9	70	9.5	32,400
GPCH33041AB	HKTPD051	24.7	25	---	---	28.5	30	4.75	16,200
	HKTPD081	36.5	40	---	---	58.1	60	7	23,900
	HKTPD101	49.5	50	---	---	71.1	80	9.5	32,400
	HKTPD151	49.5	50	24.7	25	102	110	14.25	48,600
GPCH33641AB	HKTPD051	24.7	25	---	---	28.5	30	4.75	16,200
	HKTPD081	36.5	40	---	---	60.8	60	7	23,900
	HKTPD101	49.5	50	---	---	73.8	80	9.5	32,400
	HKTPD151	49.5	50	24.7	25	104.7	110	14.25	48,600
GPCH34241AB	HKTPD051	24.7	25	---	---	30.1	30	4.75	16,200
	HKTPD081	36.5	40	---	---	65.7	70	7	23,900
	HKTPD101	49.5	50	---	---	78.7	80	9.5	32,400
	HKTPD151	49.5	50	24.7	25	109.6	110	14.25	48,600
	HKTPD201	49.5	50	49.5	50	140.6	150	19	64,800
GPCH34841AB	HKTPD051	24.7	25	---	---	30.1	30	4.75	16,200
	HKTPD081	36.5	40	---	---	68.1	70	7	23,900
	HKTPD101	49.5	50	---	---	81.1	90	9.5	32,400
	HKTPD151	49.5	50	24.7	25	112	125	14.25	48,600
	HKTPD201	49.5	50	49.5	50	143	150	19	64,800
GPCH36041AB	HKTPD051	24.7	25	---	---	30.1	30	4.75	16,200
	HKTPD081	36.5	40	---	---	72	80	7	23,900
	HKTPD101	49.5	50	---	---	85	90	9.5	32,400
	HKTPD151	49.5	50	24.7	25	115.9	125	14.25	48,600
	HKTPD201	49.5	50	49.5	50	146.9	150	19	64,800

* Minimum Circuit Ampacity

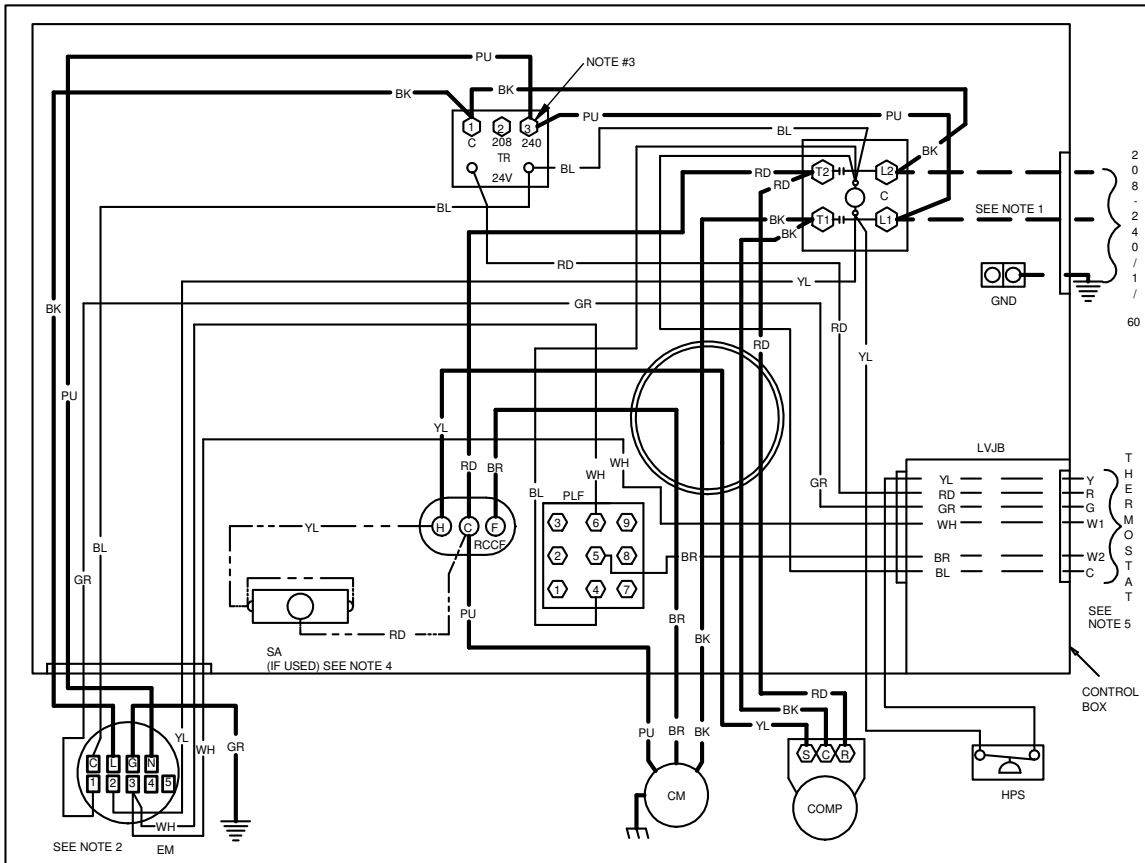
** Maximum Overload Protection



MINIMAL CLEARANCES

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

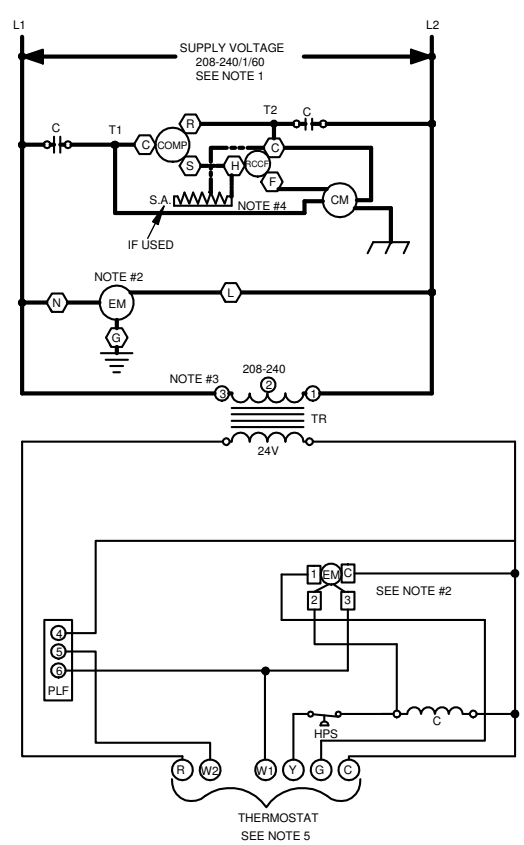


SEE NOTE 2

208-240/160

HERMOSTAT

CONTROL BOX



COMPONENT LEGEND

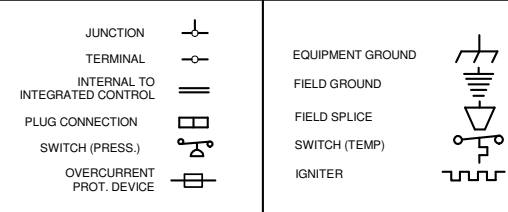
- BR BLOWER INTERLOCK RELAY
- C CONTACTOR
- CH CRACKCASE HEATER
- CM CONDENSER MOTOR
- COMP COMPRESSOR
- EBTDR ELECTRONIC BLOWER TIME DELAY RELAY
- EM EVAPORATOR MOTOR
- FC FAN CAPACITOR
- GND EQUIPMENT GROUND
- LVJB LOW VOLTAGE JUNCTION BOX
- PLF FEMALE PLUG / CONNECTOR
- RCCF RUN CAPACITOR FOR COMPRESSOR AND FAN
- SA START ASSIST FACTOR EQUIPPED WHEN REQUIRED
- TR TRANSFORMER
- HPS HIGH PRESSURE SWITCH

- 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



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 EBTDR "COM" WITH LEAD ON EBTDR "M1" OR "M2"
3. FOR 208 VOLT TRANSFORMER OPERATION MOVE PURPLE WIRES FROM TERMINAL 3 TERMINAL 2 ON TRANSFORMER.
4. START ASSIST FACTOR EQUIPPED WHEN REQUIRED
5. USE COPPER CONDUCTORS ONLY
6. USE N.E.C. CLASS 2 WIRE

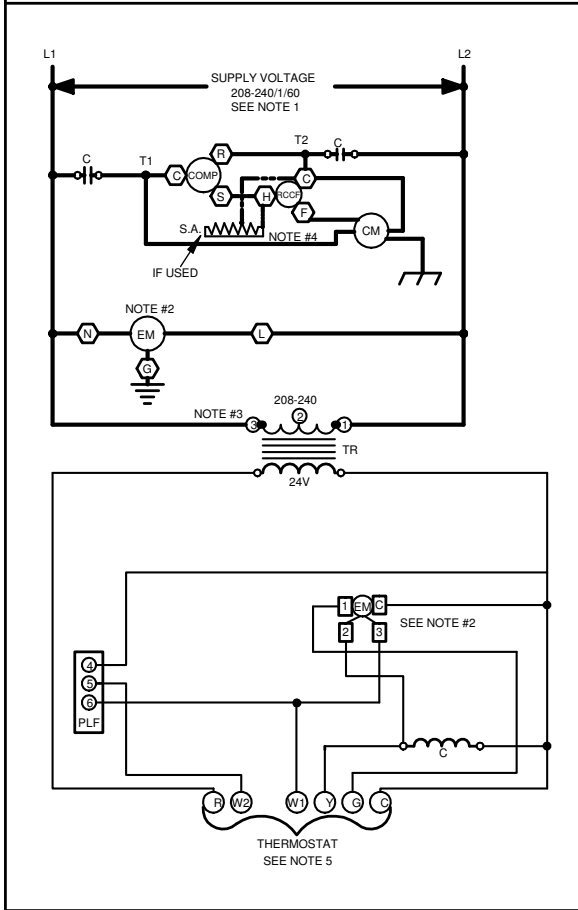
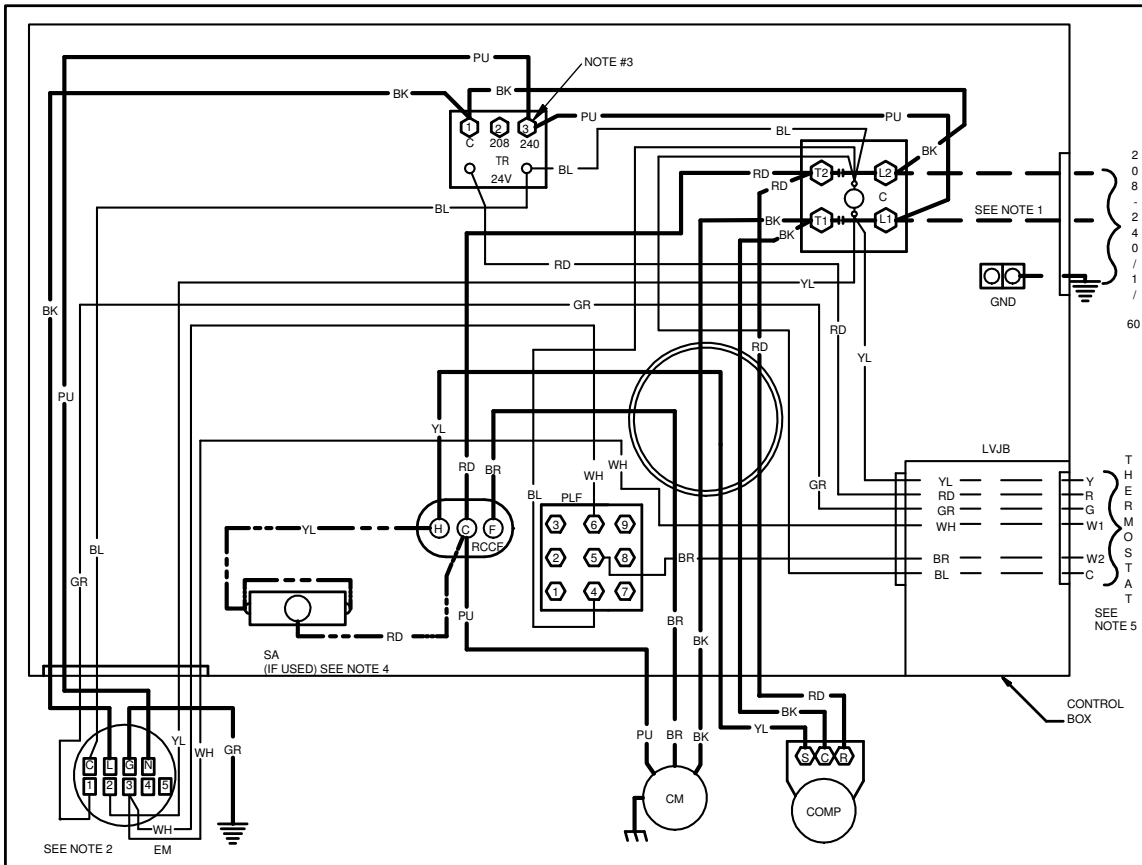
SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION



208-240/160 0140G00871-D

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

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




COMPONENT LEGEND

BR	BLOWER INTERLOCK RELAY	FACTORY WIRING	—	LINE VOLTAGE
C	CONTACTOR	---	---	LOW VOLTAGE
CH	CRACKCASE HEATER	---	---	OPTIONAL HIGH VOLTAGE
CM	CONDENSER MOTOR	---	---	
COMP	COMPRESSOR	---	---	
EBTDR	ELECTRONIC BLOWER TIME DELAY RELAY	---	---	
EM	EVAPORATOR MOTOR	---	---	
FC	FAN CAPACITOR	---	---	
GND	EQUIPMENT GROUND	---	---	
LVJB	LOW VOLTAGE JUNCTION BOX	---	---	
PLF	FEMALE PLUG / CONNECTOR	---	---	
RCCF	RUN CAPACITOR FOR COMPRESSOR AND FAN	---	---	
SA	START ASSIST	---	---	
TR	TRANSFORMER	---	---	

JUNCTION		EQUIPMENT GROUND	
TERMINAL		FIELD GROUND	
INTERNAL TO INTEGRATED CONTROL		FIELD SPlice	
PLUG CONNECTION		SWITCH (TEMP)	
SWITCH (PRESS.)		IGNITER	
OVERCURRENT PROT. DEVICE			

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

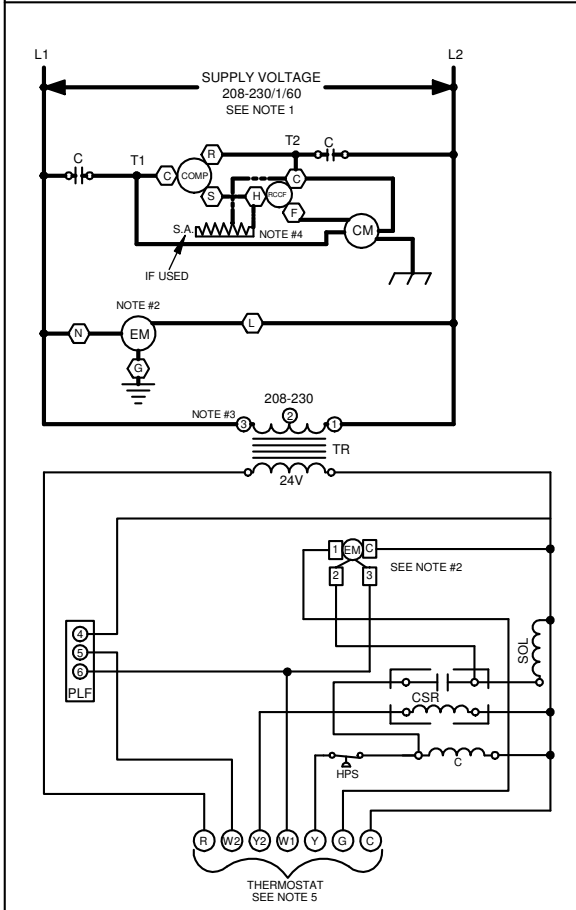
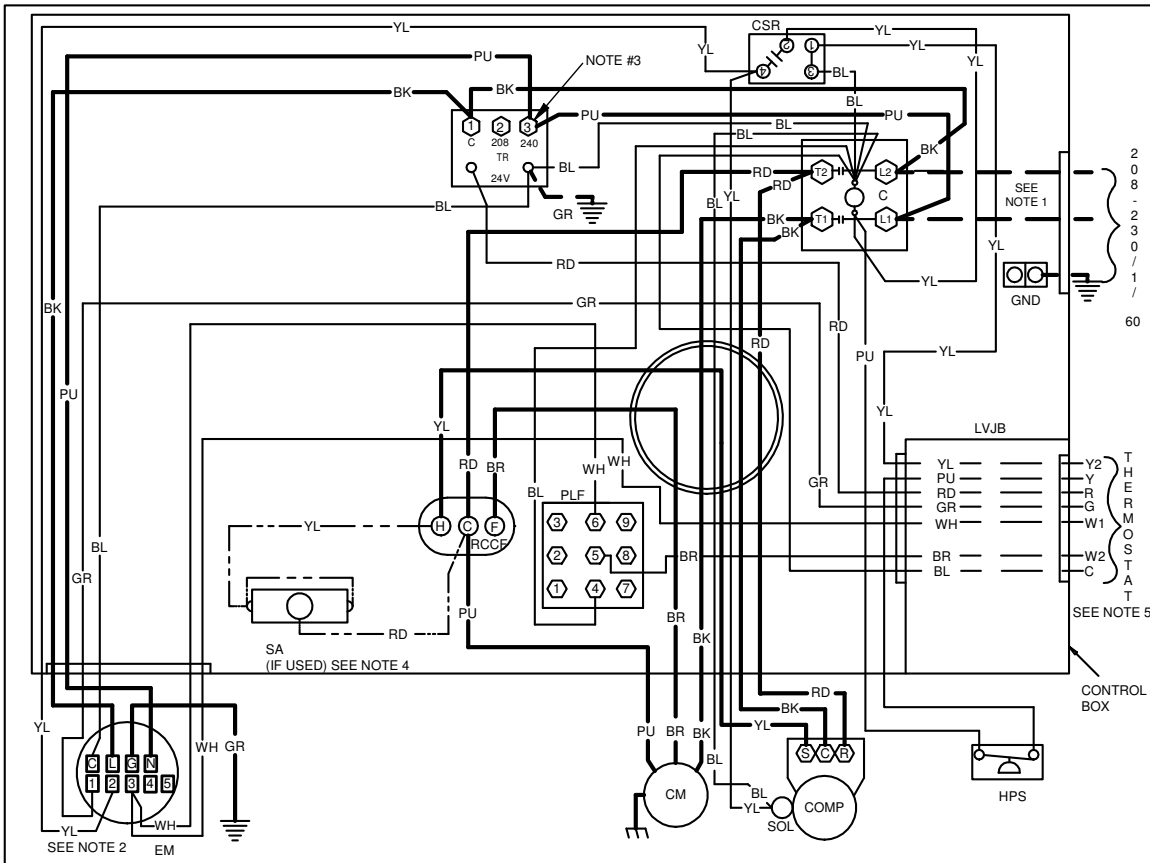
SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION



208-240/1/60 0140G00407-C

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

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



COMPONENT LEGEND

C	CONTACTOR
CM	CONDENSER MOTOR
COMP	COMPRESSOR
EM	EVAPORATOR MOTOR
GND	EQUIPMENT GROUND
LVJB	LOW VOLTAGE JUNCTION BOX
PLF	FEMALE PLUG / CONNECTOR
RCCF	RUN CAPACITOR FOR COMPRESSOR AND FAN
SA	START ASSIST
TR	TRANSFORMER
HPS	HIGH PRESSURE SWITCH
CSR	COMPRESSOR SOLENOID RELAY
SOL	HI STAGE SOLENOID

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		EQUIPMENT GROUND	
TERMINAL		FIELD GROUND	
INTERNAL TO INTEGRATED CONTROL		FIELD SPLICE	
PLUG CONNECTION		SWITCH (TEMP)	
SWITCH (PRESS.)		IGNITER	
OVERCURRENT PROT. DEVICE			

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 MOVE YELLOW AND WHITE LEADS FROM EM "2" AND "3" TO "4" AND "5". IF BOTH LEADS ARE ENERGIZED, THE HIGHER SPEED SETTING IS USED.
3. FOR 208 VOLT TRANSFORMER OPERATION MOVE PURPLE WIRES FROM TERMINAL 3 TO TERMINAL 2 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



208-230/1/60 0140G03702-B

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

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

ACCESSORY DESCRIPTION	ITEM NUMBER	
	SMALL CHASSIS	MEDIUM/LARGE CHASSIS
Downflow Economizer (use w/PCCP roof curb)	DDNECNJPCHHA	DDNECNJPCHHA
Downflow Plenum Kit (use w/PCCP roof curb)	PCP101-103	PCP101-103
Downflow Plenum Kit (R-8) (use w/PCCP roof curb)	PCP101-103 R8	PCP101-103 R8
Elbow Flashing w/R-8 Liner	PCEF101-103	PCEF101-103
Economizer Wiring Harness	0259G00213	0259G00213
External Horizontal Filter Rack	DPHFRA	DPHFRA
Horizontal Economizer	DHZECNJPGCHM	DHZECNJPGCHM
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	SQRPCH101	SQRPCH102-103

