



## APGM3

Packaged Gas Electric Units

2 to 5 Tons

14 SEER / 81% AFUE

Cooling Capacity: 23,000 – 56,500 BTU/h

Heating Capacity: 40,000 – 80,000 BTU/h

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## Standard Features

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

\* Complete warranty details available on [www.nexgenairandheat.com](http://www.nexgenairandheat.com). To receive the Lifetime Unit Replacement Lifetime Warranty (good for as long as you own your home) and 10-Year Parts Lifetime Warranty, in order to qualify for lifetime replacement warranty you need to be part of the X Protection Family. Membership must be current and up-to-date.

## Cabinet Features

- High-quality UV-resistant powder-paint finish
- Aluminum foil-facing internal insulation reinforced with fiberglass scrim
- Horizontal or downflow application
- Convenient access panels
- One roof curb fits all units
- Fully insulated cabinet
- Bottom, 2" high base rails for easier handling
- One footprint for all tonnages



\* Complete warranty details available on [www.nexgenairandheat.com](http://www.nexgenairandheat.com). To receive the Lifetime Unit Replacement Warranty (good for as long as you own your home) and 10-Year Parts Lifetime Warranty, in order to qualify for lifetime replacement warranty you need to be part of the X Protection Family. Membership must be current and up-to-date.

	A	P	G	M	3	36	080	4	1	A	A	
	1	2	3	4	5	6,7	8,9,10	11	12	13	14	
<b>Brand</b>	A NexGen® Brand										<b>Minor Revision</b>	A
<b>Product Category</b>	P Packaged Unit										<b>Major Revision</b>	A
<b>Unit Type</b>	G Gas/ Electric										<b>Electrical</b>	1 - 208/230V single-phase, 60 Hz
<b>Airflow</b>	M Multi-position										<b>Refrigerant</b>	4 - R-410A
<b>Efficiency</b>	3 13.4 SEER2 5 15.2 SEER2										<b>Heat Input</b>	040 40 MBTU/H 080 80 MBTU/H 120 120 MBTU/H 060 60 MBTU/H 100 100 MBTU/H
											<b>Tonnage Nominal</b>	24 - 2 tons 42 - 3½ tons 30 - 2½ tons 48 - 4 tons 36 - 3 tons 60/61 - 5 tons

	APGM3 2404041	APGM3 2406041	APGM3 3004041	APGM3 3006041	APGM3 3604041	APGM3 3606041
<b>COOLING CAPACITY</b>						
Total BTU/h	23,000	23,000	28,600	28,600	34,200	34,200
Sensible BTU/h	18,800	18,800	23,080	23,080	28,160	28,160
SEER2 / EER2	13.4 / 10.6	13.4 / 10.6	13.4 / 10.6	13.4 / 10.6	13.4 / 10.6	13.4 / 10.6
Decibels	78	78	78	78	78	78
AHRI Reference #s	209319518	209319518	209319524	209319524	209319530	209319530
<b>HEATING CAPACITY</b>						
Input BTU/h	40,000	60,000	40,000	60,000	40,000	60,000
Output BTU/h	32,400	48,600	32,400	48,600	32,400	48,600
AFUE	81	81	81	81	81	81
Temperature Rise Range	25 - 55	30 - 60	25 - 55	30 - 60	25 - 55	30 - 60
No. of Burners	2	3	2	3	2	3
<b>EVAPORATOR MOTOR</b>						
Type	ECM	ECM	ECM	ECM	ECM	ECM
Wheel (D x W)	10" x 8"	10" x 8"	10" x 8"	10" x 8"	10" x 9"	10" x 9"
Indoor Nominal CFM	800	800	1,000	1,000	1,200	1,200
No. of Speeds	5	5	5	5	5	5
Horsepower	1/2	1/2	1/2	1/2	1/2	1/2
<b>EVAPORATOR COIL</b>						
Face Area (ft <sup>2</sup> )	4.35	4.35	4.35	4.35	4.35	4.35
Rows Deep/Fins per Inch	3/14	3/14	3/14	3/14	4/14	4/14
Piston Size (Cooling)	0.057	0.057	0.062	0.062	0.068	0.068
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	75	75	78	78	92	92
<b>CONDENSER FAN / COIL</b>						
Horsepower - RPM	1/6 - 815	1/6 - 815	1/4 - 1,075	1/4 - 1,075	1/4 - 1,075	1/4 - 1,075
Diameter / # of Blades	22" / 3	22" / 3	22" / 3	22" / 3	22" / 3	22" / 3
Outdoor Nominal CFM	2,150	2,150	3,050	3,050	2,250	2,250
Face Area (ft <sup>2</sup> )	12.3	12.3	12.3	12.3	11.13	11.13
Rows Deep/Fins per Inch	1/24	1/24	1/24	1/24	2/27	2/27
<b>COMPRESSOR</b>						
Quantity / Type	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll
Stage	Single	Single	Single	Single	Single	Single
Compressor RLA/LRA	13.5 / 38.0	13.5 / 38.0	14.1 / 73.0	14.1 / 73.0	14.1 / 77.0	14.1 / 77.0
<b>ELECTRICAL DATA</b>						
Voltage-Phase (Frequency 60Hz)	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Indoor Blower FLA	3.8	3.8	3.8	3.8	3.8	3.8
Outdoor Fan FLA/LRA	0.95/2.0	0.95/2.0	1.4 / 3.2	1.4 / 3.2	1.4 / 3.2	1.4 / 3.2
Min. Circuit Ampacity	21.6	21.6	22.8	22.8	22.8	22.8
Max. Overcurrent Protection	35 amps	35 amps	35 amps	35 amps	35 amps	35 amps
<b>OPERATING / SHIP WEIGHTS (LBS)</b>	412 / 435	417 / 439	415 / 438	420 / 442	449 / 470	453 / 475

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

<sup>2</sup> Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

**NOTES:**

Always check the S&R plate for electrical data on the unit being installed.  
Test data was used to calculate the MOP and MCA.

	APGM3 3608041	APGM3 4206041	APGM3 4208041	APGM3 4806041	APGM3 4808041	APGM3 4810041
<b>COOLING CAPACITY</b>						
Total BTU/h	34,200	40,000	40,000	46,250	46,250	46,250
Sensible BTU/h	28,160	30,980	30,980	36,190	36,190	36,190
SEER / EER	13.4 / 10.6	13.4 / 10.6	13.4 / 10.6	13.4 / 10.6	13.4 / 10.6	13.4 / 10.6
Decibels	78	78	78	79	79	79
AHRI Reference #s	209319530	209319536	209319536	209319542	209319542	209319542
<b>HEATING CAPACITY</b>						
Input BTU/h	80,000	60,000	80,000	60,000	80,000	100,000
Output BTU/h	64,800	48,600	64,800	48,600	64,800	81,000
AFUE	81	81	81	81	81	81
Temperature Rise Range	30 - 60	30 - 60	30 - 60	30 - 60	30 - 60	35 - 65
No. of Burners	4	3	4	3	4	5
<b>EVAPORATOR MOTOR</b>						
Type	ECM	ECM	ECM	ECM	ECM	ECM
Wheel (D x W)	10" x 9"	11" x 10"	11" x 10"	11" x 10"	11" x 10"	11" x 10"
Indoor Nominal CFM	1,200	1,300	1,300	1,525	1,525	1,525
No. of Speeds	5	5	5	5	5	5
Horsepower	1/2	3/4	3/4	3/4	3/4	3/4
<b>EVAPORATOR COIL</b>						
Face Area (ft <sup>2</sup> )	4.35	5.68	5.68	5.68	5.68	5.68
Rows Deep/Fins per Inch	4/14	4/14	4/14	4/14	4/14	4/14
Piston Size (Cooling)	0.068	0.072	0.072	0.076	0.076	0.076
Drain Size (NPT)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Refrigerant Charge (oz.)	92	103	103	107	107	107
<b>CONDENSER FAN / COIL</b>						
Horsepower - RPM	1/4 - 1,075	1/4 - 1,075	1/4 - 1,075	1/3 - 1,120	1/3 - 1,120	1/3 - 1,120
Diameter / # of Blades	22" / 3	22" / 3	22" / 3	22" / 3	22" / 3	22" / 3
Outdoor Nominal CFM	2,250	2,850	2,850	3,300	3,300	3,300
Face Area (ft <sup>2</sup> )	11.13	15.36	15.36	8.81	8.81	8.81
Rows Deep/Fins per Inch	2/27	1/24	1/24	2/27	2/27	2/27
<b>COMPRESSOR</b>						
Quantity / Type	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll
Stage	Single	Single	Single	Single	Single	Single
Compressor RLA/LRA	14.1 / 77.0	17.9 / 112.0	17.9 / 112.0	19.9 / 109.0	19.9 / 109.0	19.9 / 109.0
<b>ELECTRICAL DATA</b>						
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	5.4	5.4	5.4	5.4	5.4
Outdoor Fan FLA/LRA	1.4 / 3.2	1.4 / 3.2	1.4 / 3.2	1.4 / 3.2	1.4 / 3.2	1.4 / 3.2
Min. Circuit Ampacity	22.8	29.2	29.2	32.3	32.3	32.3
Max. Overcurrent Protection	35 amps	45 amps	45 amps	50 amps	50 amps	50 amps
<b>OPERATING/SHIP WEIGHTS (LBS)</b>	458 / 480	493 / 515	496 / 520	518 / 540	523 / 545	528 / 550

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

<sup>2</sup> Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

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

	APGM3 6108041	APGM3 6110041	APGM3 6112041
<b>COOLING CAPACITY</b>			
Total BTU/h	56,000	56,000	56,000
Sensible BTU/h	43,175	43,175	43,175
SEER2 / EER2	13.4 / 10.6	13.4 / 10.6	13.4 / 10.6
Decibels	78	78	78
AHRI Reference #s	209319548	209319548	209319548
<b>HEATING CAPACITY</b>			
High-Fire Input / Output	80,000 / 64,800	100,000 / 81,000	120,000 / 97,200
Low-Fire Input / Output	60,000 / 48,600	75,000 / 60,750	90,000 / 72,900
AFUE	81	81	81
Temperature Rise Range	30 - 60	35 - 65	35 - 65
No. of Burners	4	5	6
<b>EVAPORATOR MOTOR</b>			
Type	ECM	ECM	ECM
Wheel (D x W)	11" x 10"	11" x 10"	11" x 10"
Indoor Nominal CFM	1300 L/1750 H	1300 L/1750 H	1300 L/1750 H
No. of Speeds	5	5	5
Horsepower	1	1	1
<b>EVAPORATOR COIL</b>			
Face Area (ft <sup>2</sup> )	5.68	5.68	5.68
Rows Deep/Fins per Inch	4/14	4/14	4/14
Piston Size (Cooling)	TXV	TXV	TXV
Drain Size (NPT)	¾"	¾"	¾"
Refrigerant Charge (oz.)	100	100	100
<b>CONDENSER FAN / COIL</b>			
Horsepower - RPM	1/3 - 1,120	1/3 - 1,120	1/3 - 1,120
Diameter / # of Blades	22" / 3	22" / 3	22" / 3
Outdoor Nominal CFM	3,000	3,000	3,000
Face Area (ft <sup>2</sup> )	8.81	8.81	8.81
Rows Deep/Fins per Inch	2/27	2/27	2/27
<b>COMPRESSOR</b>			
Quantity / Type	1 / Scroll	1 / Scroll	1 / Scroll
Stage	Two	Two	Two
Compressor RLA/LRA	25.6 / 158.0	25.6 / 158.0	26.9 / 139.9
<b>ELECTRICAL DATA</b>			
Voltage-Phase (Frequency 60Hz)	208/230-1	208/230-1	208/230-1
Indoor Blower FLA	7.0	7.0	7.0
Outdoor Fan FLA/LRA	2.0 / 4.40	2.0 / 4.40	2.0 / 4.40
Min. Circuit Ampacity	41.0	41.0	41.0
Max. Overcurrent Protection	60 amps	60 amps	60 amps
<b>OPERATING / SHIP WEIGHTS (LBS)</b>	533 / 555	538 / 560	543 / 565

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

<sup>2</sup> Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

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

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	ENTERING INDOOR WET BULB TEMPERATURE																							
	MBh	23.4	23.7	24.4	-	23.2	23.5	24.2	-	22.6	22.9	23.6	-	21.5	21.9	22.6	-	20.2	20.6	21.3	-	19.1	19.4	20.1	-
	S/T	0.65	0.57	0.42	-	0.66	0.58	0.43	-	0.69	0.60	0.46	-	1.00	0.63	0.48	-	1.00	0.65	0.50	-	1.00	0.70	0.56	-
	ΔT	20.09	18.23	14.76	-	20.04	18.18	14.71	-	20.30	18.44	14.97	-	20.02	18.16	14.69	-	19.77	17.91	14.44	-	20.93	19.08	15.61	-
	kW	1.53	1.53	1.53	-	1.73	1.73	1.72	-	1.95	1.94	1.94	-	2.18	2.18	2.18	-	2.45	2.44	2.44	-	2.76	2.75	2.75	-
	Amps	6.15	6.14	6.12	-	7.04	7.03	7.02	-	8.04	8.03	8.02	-	9.12	9.11	9.10	-	10.33	10.32	10.30	-	11.74	11.73	11.72	-
	Hi PR	263	264	266	-	305	306	307	-	348	349	351	-	395	396	398	-	445	446	448	-	499	500	502	-
	Lo PR	126	128	131	-	134	135	138	-	140	142	145	-	146	148	151	-	152	153	156	-	159	160	163	-
	MBh	23.7	24.0	24.7	-	23.5	23.8	24.5	-	22.9	23.2	23.9	-	21.8	22.2	22.9	-	20.6	20.9	21.6	-	19.4	19.7	20.4	-
	S/T	0.72	0.64	0.49	-	0.72	0.64	0.50	-	0.75	0.67	0.52	-	1.00	0.69	0.54	-	1.00	0.71	0.57	-	1.00	0.77	0.62	-
ΔT	18.97	17.11	13.64	-	18.92	17.06	13.59	-	19.18	17.32	13.85	-	18.90	17.04	13.57	-	18.65	16.79	13.32	-	19.81	17.95	14.49	-	
kW	1.54	1.54	1.54	-	1.74	1.74	1.73	-	1.96	1.96	1.95	-	2.19	2.19	2.19	-	2.46	2.45	2.45	-	2.77	2.76	2.76	-	
Amps	6.19	6.19	6.17	-	7.09	7.08	7.06	-	8.08	8.08	8.06	-	9.17	9.16	9.14	-	10.37	10.36	10.35	-	11.79	11.78	11.77	-	
Hi PR	265	266	268	-	307	308	310	-	350	351	353	-	397	398	400	-	448	449	451	-	501	503	504	-	
Lo PR	128	129	133	-	136	137	140	-	142	144	147	-	148	149	153	-	153	155	158	-	160	162	165	-	
MBh	24.1	24.4	25.1	-	23.9	24.2	24.9	-	23.3	23.6	24.3	-	22.2	22.5	23.2	-	20.9	21.3	21.9	-	19.7	20.1	20.8	-	
S/T	0.75	0.67	0.53	-	0.76	0.68	0.53	-	1.00	0.71	0.56	-	1.00	0.73	0.58	-	1.00	0.75	0.60	-	1.00	1.00	0.66	-	
ΔT	18.02	16.16	12.70	-	17.97	16.11	12.64	-	18.23	16.37	12.91	-	17.95	16.09	12.63	-	17.70	15.85	12.38	-	18.87	17.01	13.54	-	
kW	1.55	1.55	1.55	-	1.75	1.75	1.74	-	1.97	1.96	1.96	-	2.20	2.20	2.20	-	2.46	2.46	2.46	-	2.77	2.77	2.77	-	
Amps	6.23	6.22	6.21	-	7.13	7.12	7.10	-	8.12	8.12	8.10	-	9.20	9.20	9.18	-	10.41	10.40	10.39	-	11.83	11.82	11.80	-	
Hi PR	267	269	270	-	309	310	312	-	352	354	355	-	399	400	402	-	450	451	453	-	504	505	507	-	
Lo PR	130	131	135	-	138	139	142	-	144	146	149	-	150	152	155	-	156	157	160	-	162	164	167	-	

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
75	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																							
	MBh	23.4	23.7	24.4	25.5	23.2	23.5	24.2	25.3	22.6	22.9	23.6	24.7	21.5	21.9	22.6	23.6	20.3	20.6	21.3	22.4	19.1	19.4	20.1	21.2
	S/T	0.79	0.71	0.56	0.4	1.00	0.72	0.57	0.4	1.00	0.74	0.60	0.4	1.00	0.76	0.62	0.5	1.00	0.79	0.64	0.5	1.00	1.00	0.70	0.5
	ΔT	24.17	22.32	18.85	15.3	24.12	22.27	18.80	15.2	24.38	22.53	19.06	15.5	24.10	22.25	18.78	15.2	23.86	22.00	18.53	14.9	25.02	23.16	19.69	16.1
	kW	1.53	1.53	1.53	1.5	1.73	1.73	1.72	1.7	1.95	1.94	1.94	2.0	2.18	2.18	2.18	2.2	2.44	2.44	2.44	2.5	2.75	2.75	2.75	2.8
	Amps	6.14	6.13	6.12	6.2	7.03	7.03	7.01	7.1	8.03	8.03	8.01	8.1	9.11	9.11	9.09	9.2	10.32	10.31	10.30	10.4	11.74	11.73	11.71	11.8
	Hi PR	263	264	266	270.8	305	306	308	312.3	348	349	351	355.8	395	396	398	402.6	446	447	448	453.1	499	501	502	507.0
	Lo PR	126	128	131	136.1	134	135	138	143.8	140	142	145	150.5	146	148	151	156.2	152	153	156	161.8	159	160	163	168.7
	MBh	23.7	24.1	24.8	25.8	23.5	23.8	24.5	25.6	22.9	23.2	23.9	25.0	21.8	22.2	22.9	23.9	20.6	20.9	21.6	22.7	19.4	19.7	20.4	21.5
	S/T	0.86	0.77	0.63	0.5	1.00	0.78	0.63	0.5	1.00	0.81	0.66	0.5	1.00	0.83	0.68	0.5	1.00	1.00	0.71	0.6	1.00	1.00	0.76	0.6
ΔT	23.05	21.19	17.72	14.1	23.00	21.14	17.67	14.1	23.26	21.40	17.94	14.3	22.98	21.12	17.66	14.1	22.73	20.88	17.41	13.8	23.90	22.04	18.57	15.0	
kW	1.54	1.54	1.54	1.6	1.74	1.74	1.73	1.7	1.96	1.95	1.95	2.0	2.19	2.19	2.19	2.2	2.45	2.45	2.45	2.5	2.76	2.76	2.76	2.8	
Amps	6.19	6.18	6.16	6.2	7.08	7.07	7.06	7.1	8.08	8.07	8.06	8.1	9.16	9.15	9.14	9.2	10.37	10.36	10.34	10.4	11.78	11.77	11.76	11.8	
Hi PR	265	267	268	273.0	307	308	310	314.5	350	352	353	358.0	397	398	400	404.8	448	449	451	455.3	502	503	505	509.2	
Lo PR	128	129	133	138.0	136	137	140	145.7	142	144	147	152.4	148	149	153	158.1	154	155	158	163.6	160	162	165	170.6	
MBh	24.1	24.4	25.1	26.2	23.9	24.2	24.9	26.0	23.3	23.6	24.3	25.4	22.2	22.5	23.2	24.3	20.9	21.3	22.0	23.0	19.8	20.1	20.8	21.9	
S/T	0.89	0.81	0.66	0.5	1.00	0.82	0.67	0.5	1.00	0.84	0.70	0.5	1.00	0.87	0.72	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.80	0.6	
ΔT	22.11	20.25	16.78	13.2	22.06	20.20	16.73	13.1	22.32	20.46	16.99	13.4	22.04	20.18	16.71	13.1	21.79	19.93	16.46	12.9	22.95	21.09	17.63	14.0	
kW	1.55	1.55	1.55	1.6	1.75	1.74	1.74	1.8	1.96	1.96	1.96	2.0	2.20	2.20	2.19	2.2	2.46	2.46	2.46	2.5	2.77	2.77	2.77	2.8	
Amps	6.23	6.22	6.20	6.3	7.12	7.11	7.10	7.2	8.12	8.11	8.10	8.2	9.20	9.19	9.18	9.2	10.40	10.40	10.38	10.5	11.82	11.81	11.80	11.9	
Hi PR	268	269	271	275.2	309	310	312	316.7	353	354	356	360.2	399	401	402	407.0	450	451	453	457.5	504	505	507	511.4	
Lo PR	130	131	135	140.1	138	139	142	147.7	144	146	149	154.4	150	152	155	160.1	156	157	160	165.7	163	164	167	172.7	

IDB: Entering Indoor Dry Bulb Temperature  
 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																
		ENTERING INDOOR WET BULB TEMPERATURE												105												115																						
AIRFLOW	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												
<b>700</b>	MBh	23.5	23.9	24.6	25.6	23.3	23.7	24.4	25.4	22.7	23.0	23.7	24.8	21.7	22.0	22.7	23.8	20.4	20.7	21.4	22.5	19.2	19.5	20.2	21.3	20.4	20.7	21.4	22.5	19.2	19.5	20.2	21.3	20.4	20.7	21.4	22.5	19.2	19.5	20.2	21.3							
	S/T	1.00	0.84	0.70	0.5	1.00	0.85	0.71	0.6	1.00	0.88	0.73	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.83	0.7	1.00	1.00	0.78	0.6	1.00	1.00	0.83	0.7	1.00	1.00	0.78	0.6	1.00	1.00	0.83	0.7							
	ΔT	28.29	26.43	22.96	19.4	28.24	26.38	22.91	19.3	28.50	26.64	23.17	19.6	28.22	26.36	22.89	19.3	27.97	26.11	22.64	19.0	29.13	27.27	23.81	20.2	27.97	26.11	22.64	19.0	29.13	27.27	23.81	20.2	27.97	26.11	22.64	19.0	29.13	27.27	23.81	20.2							
	kW	1.53	1.53	1.53	1.5	1.73	1.73	1.72	1.7	1.95	1.94	1.94	2.0	2.18	2.18	2.18	2.2	2.45	2.44	2.44	2.5	2.76	2.75	2.75	2.8	2.45	2.44	2.44	2.5	2.76	2.75	2.75	2.8	2.45	2.44	2.44	2.5	2.76	2.75	2.75	2.8							
	Amps	6.15	6.14	6.12	6.2	7.04	7.03	7.02	7.1	8.04	8.03	8.02	8.1	9.12	9.11	9.10	9.2	10.32	10.32	10.30	10.4	11.74	11.73	11.72	11.8	10.32	10.32	10.30	10.4	11.74	11.73	11.72	11.8	10.32	10.32	10.30	10.4	11.74	11.73	11.72	11.8							
	Hi PR	264	265	267	271.3	305	306	308	312.8	349	350	352	356.3	396	397	399	403.1	446	447	449	453.6	500	501	503	507.4	396	397	399	403.1	446	447	449	453.6	500	501	503	507.4	396	397	399	403.1	446	447	449	453.6	500	501	503
Lo PR	127	128	131	136.7	134	136	139	144.4	141	143	146	151.1	147	148	151	156.8	152	154	157	162.3	159	161	164	169.3	147	148	151	156.8	152	154	157	162.3	159	161	164	169.3	147	148	151	156.8	152	154	157	162.3	159	161	164	169.3
<b>800</b>	MBh	23.8	24.2	24.9	25.9	23.6	24.0	24.7	25.7	23.0	23.4	24.1	25.1	22.0	22.3	23.0	24.1	20.7	21.0	21.7	22.8	19.5	19.8	20.5	21.6	20.7	21.0	21.7	22.8	19.5	19.8	20.5	21.6	20.7	21.0	21.7	22.8	19.5	19.8	20.5	21.6							
	S/T	1.00	0.91	0.76	0.6	1.00	0.92	0.77	0.6	1.00	0.94	0.80	0.6	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.90	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.90	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.90	0.7							
	ΔT	27.16	25.31	21.84	18.2	27.11	25.26	21.79	18.2	27.37	25.52	22.05	18.5	27.09	25.24	21.77	18.2	26.85	24.99	21.52	17.9	28.01	26.15	22.68	19.1	26.85	24.99	21.52	17.9	28.01	26.15	22.68	19.1	26.85	24.99	21.52	17.9	28.01	26.15	22.68	19.1							
	kW	1.54	1.54	1.54	1.6	1.74	1.74	1.73	1.7	1.96	1.95	1.95	2.0	2.19	2.19	2.19	2.2	2.46	2.45	2.45	2.5	2.77	2.76	2.76	2.8	2.46	2.45	2.45	2.5	2.77	2.76	2.76	2.8	2.46	2.45	2.45	2.5	2.77	2.76	2.76	2.8							
	Amps	6.19	6.18	6.17	6.2	7.09	7.08	7.06	7.1	8.08	8.08	8.06	8.1	9.16	9.16	9.14	9.2	10.37	10.36	10.35	10.4	11.79	11.78	11.76	11.8	10.37	10.36	10.35	10.4	11.79	11.78	11.76	11.8	10.37	10.36	10.35	10.4	11.79	11.78	11.76	11.8							
	Hi PR	266	267	269	273.5	307	309	310	315.0	351	352	354	358.5	398	399	401	405.3	448	449	451	455.8	502	503	505	509.7	398	399	401	405.3	448	449	451	455.8	502	503	505	509.7	398	399	401	405.3	448	449	451	455.8	502	503	505
Lo PR	128	130	133	138.6	136	138	141	146.2	143	144	148	152.9	148	150	153	158.6	154	156	159	164.2	161	163	166	171.2	148	150	153	158.6	154	156	159	164.2	161	163	166	171.2	148	150	153	158.6	154	156	159	164.2	161	163	166	171.2
<b>900</b>	MBh	24.2	24.5	25.2	26.3	24.0	24.3	25.0	26.1	23.4	23.7	24.4	25.5	22.3	22.7	23.4	24.4	21.1	21.4	22.1	23.2	19.9	20.2	20.9	22.0	21.1	21.4	22.1	23.2	19.9	20.2	20.9	22.0	21.1	21.4	22.1	23.2	19.9	20.2	20.9	22.0							
	S/T	1.00	0.95	0.80	0.6	1.00	0.95	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.88	0.7	1.00	1.00	1.00	0.8	1.00	1.00	0.88	0.7	1.00	1.00	1.00	0.8	1.00	1.00	0.88	0.7	1.00	1.00	1.00	0.8							
	ΔT	26.22	24.36	20.89	17.3	26.17	24.31	20.84	17.2	26.43	24.57	21.10	17.5	26.15	24.29	20.82	17.2	25.90	24.04	20.57	17.0	27.06	25.21	21.74	18.1	25.90	24.04	20.57	17.0	27.06	25.21	21.74	18.1	25.90	24.04	20.57	17.0	27.06	25.21	21.74	18.1							
	kW	1.55	1.55	1.55	1.6	1.75	1.75	1.74	1.8	1.96	1.96	1.96	2.0	2.20	2.20	2.20	2.2	2.46	2.46	2.46	2.5	2.77	2.77	2.77	2.8	2.46	2.46	2.46	2.5	2.77	2.77	2.77	2.8	2.46	2.46	2.46	2.5	2.77	2.77	2.77	2.8							
	Amps	6.23	6.22	6.21	6.3	7.12	7.12	7.10	7.2	8.12	8.12	8.10	8.2	9.20	9.20	9.18	9.2	10.41	10.40	10.39	10.5	11.83	11.82	11.80	11.9	10.41	10.40	10.39	10.5	11.83	11.82	11.80	11.9	10.41	10.40	10.39	10.5	11.83	11.82	11.80	11.9							
	Hi PR	268	269	271	275.7	310	311	313	317.2	353	354	356	360.7	400	401	403	407.5	450	452	453	458.0	504	505	507	511.8	400	401	403	407.5	450	452	453	458.0	504	505	507	511.8	400	401	403	407.5	450	452	453	458.0	504	505	507
Lo PR	130	132	135	140.6	138	140	143	148.3	145	146	150	155.0	151	152	155	160.7	156	158	161	166.2	163	165	168	173.2	151	152	155	160.7	156	158	161	166.2	163	165	168	173.2	151	152	155	160.7	156	158	161	166.2	163	165	168	173.2

IDB		OUTDOOR AMBIENT TEMPERATURE												105												115																						
		65						75						85						95						105						115																
		ENTERING INDOOR WET BULB TEMPERATURE												105												115																						
AIRFLOW	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												
<b>700</b>	MBh	23.9	24.3	25.0	26.0	23.7	24.1	24.7	25.8	23.1	23.4	24.1	25.2	22.1	22.4	23.1	24.2	20.8	21.1	21.8	22.9	19.6	19.9	20.6	21.7	20.8	21.1	21.8	22.9	19.6	19.9	20.6	21.7	20.8	21.1	21.8	22.9	19.6	19.9	20.6	21.7							
	S/T	1.00	0.95	0.81	0.7	1.00	1.00	0.81	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.88	0.7	1.00	1.00	1.00	0.8	1.00	1.00	0.88	0.7	1.00	1.00	1.00	0.8	1.00	1.00	0.88	0.7	1.00	1.00	1.00	0.8							
	ΔT	31.93	30.08	26.61	23.0	31.88	30.03	26.56	23.0	32.14	30.29	26.82	23.2	31.86	30.01	26.54	22.9	31.62	29.76	26.29	22.7	32.78	30.92	27.45	23.9	31.62	29.76	26.29	22.7	32.78	30.92	27.45	23.9	31.62	29.76	26.29	22.7	32.78	30.92	27.45	23.9							
	kW	1.54	1.53	1.53	1.5	1.73	1.73	1.73	1.7	1.95	1.95	1.95	2.0	2.19	2.18	2.18	2.2	2.45	2.45	2.44	2.5	2.76	2.76	2.75	2.8	2.45	2.45	2.44	2.5	2.76	2.76	2.75	2.8	2.45	2.45	2.44	2.5	2.76	2.76	2.75	2.8							
	Amps	6.16	6.16	6.14	6.2	7.06	7.05	7.03	7.1	8.05	8.05	8.03	8.1	9.13	9.13	9.11	9.2	10.34	10.33	10.32	10.4	11.76	11.75	11.73	11.8	10.34	10.33	10.32	10.4	11.76	11.75	11.73	11.8	10.34	10.33	10.32	10.4	11.76	11.75	11.73	11.8							
	Lo PR	128	130	133	138.6	136	138	141	146.3	143	144	148	153.0	149	150	153	158.6	154	156	159	164.2	161	163	166	171.2	149	150	153	158.6	154	156	159	164.2	161	163	166	171.2	149	150	153	158.6	154	156	159	164.2	161	163	166
<b>800</b>	MBh	24.2	24.6	25.3	26.3	24.0	24.4	25.1	26.1	23.4	23.7	24.4	25.5	22.4	22.7	23.4	24.5	21.1	21.4	22.1	23.2	19.9	20.2	20.9	22.0	21.1	21.4	22.1	23.2	19.9	20.2	20.9	22.0	21.1	21.4	22.1	23.2	19.9	20.2	20.9	22.0							
	S/T	1.00	1.00	0.87	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.91	0.8	1.00	1.00	0.93	0.8	1.00	1.00	0.98	0.8	1.00	1.00	1.0																								

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
<b>70</b>	AIRFLOW	29.1	29.5	30.4	-	28.8	29.2	30.1	-	28.1	28.5	29.4	-	26.8	27.2	28.0	-	25.2	25.6	26.5	-	23.7	24.1	25.0	-
	MBh	0.64	0.56	0.42	-	0.65	0.57	0.43	-	0.68	0.60	0.45	-	1.00	0.62	0.47	-	1.00	0.64	0.50	-	1.00	0.70	0.55	-
	S/T	19.98	18.13	14.68	-	19.93	18.08	14.63	-	20.18	18.34	14.89	-	19.91	18.06	14.61	-	19.66	17.81	14.36	-	20.82	18.97	15.52	-
	ΔT	1.95	1.95	1.95	-	2.18	2.18	2.18	-	2.44	2.44	2.43	-	2.71	2.71	2.71	-	3.02	3.02	3.02	-	3.38	3.38	3.38	-
	kW	7.65	7.64	7.63	-	8.70	8.69	8.67	-	9.87	9.86	9.84	-	11.13	11.12	11.10	-	12.54	12.53	12.52	-	14.20	14.19	14.17	-
	Amps	260	261	263	-	301	302	304	-	344	345	347	-	390	391	393	-	440	441	443	-	493	494	496	-
	Hi PR	125	127	130	-	133	134	137	-	139	141	144	-	145	146	150	-	150	152	155	-	157	159	162	-
	Lo PR	29.5	29.9	30.8	-	29.2	29.6	30.5	-	28.5	28.9	29.7	-	27.2	27.6	28.4	-	25.6	26.0	26.8	-	24.1	24.5	25.4	-
	MBh	0.71	0.63	0.48	-	0.71	0.63	0.49	-	0.74	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.76	0.61	-
	S/T	18.86	17.01	13.56	-	18.81	16.96	13.51	-	19.07	17.22	13.77	-	18.79	16.94	13.49	-	18.54	16.70	13.25	-	19.70	17.85	14.40	-
ΔT	1.97	1.96	1.96	-	2.19	2.19	2.19	-	2.45	2.45	2.44	-	2.72	2.72	2.72	-	3.03	3.03	3.03	-	3.39	3.39	3.39	-	
kW	7.71	7.70	7.68	-	8.75	8.75	8.73	-	9.92	9.91	9.89	-	11.18	11.18	11.16	-	12.60	12.59	12.57	-	14.25	14.24	14.23	-	
Amps	262	263	265	-	303	304	306	-	346	347	349	-	392	393	395	-	442	443	445	-	495	496	498	-	
Hi PR	127	128	132	-	134	136	139	-	141	143	146	-	147	148	151	-	152	154	157	-	159	161	164	-	
Lo PR	29.9	30.3	31.2	-	29.7	30.1	31.0	-	28.9	29.3	30.2	-	27.6	28.0	28.9	-	26.0	26.4	27.3	-	24.6	25.0	25.8	-	
MBh	0.74	0.66	0.52	-	0.75	0.67	0.53	-	0.78	0.70	0.55	-	1.00	0.72	0.57	-	1.00	0.74	0.60	-	1.00	0.80	0.65	-	
S/T	17.92	16.07	12.62	-	17.87	16.02	12.57	-	18.13	16.28	12.83	-	17.85	16.00	12.55	-	17.60	15.76	12.31	-	18.76	16.91	13.46	-	
ΔT	1.98	1.97	1.97	-	2.20	2.20	2.20	-	2.46	2.46	2.45	-	2.73	2.73	2.73	-	3.04	3.04	3.04	-	3.40	3.40	3.40	-	
kW	7.75	7.74	7.73	-	8.80	8.79	8.77	-	9.97	9.96	9.94	-	11.23	11.22	11.20	-	12.64	12.63	12.62	-	14.30	14.29	14.27	-	
Amps	264	265	267	-	305	306	308	-	348	349	351	-	394	395	397	-	444	445	447	-	497	499	500	-	
Hi PR	129	130	134	-	136	138	141	-	143	145	148	-	149	150	153	-	154	156	159	-	161	163	166	-	
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
<b>75</b>	AIRFLOW	29.1	29.5	30.4	31.7	28.9	29.3	30.1	31.5	28.1	28.5	29.4	30.7	26.8	27.2	28.1	29.4	25.2	25.6	26.5	27.8	23.7	24.1	25.0	26.3
	MBh	0.78	0.70	0.56	0.4	0.79	0.71	0.56	0.4	1.00	0.73	0.59	0.4	1.00	0.75	0.61	0.5	1.00	0.78	0.63	0.5	1.00	1.00	0.69	0.5
	S/T	24.04	22.19	18.74	15.2	23.99	22.14	18.69	15.1	24.25	22.40	18.95	15.4	23.97	22.12	18.67	15.1	23.72	21.87	18.42	14.9	24.88	23.03	19.58	16.0
	ΔT	1.95	1.95	1.95	2.0	2.18	2.18	2.17	2.2	2.44	2.43	2.43	2.4	2.71	2.71	2.71	2.7	3.02	3.02	3.01	3.0	3.38	3.38	3.38	3.4
	kW	7.65	7.64	7.62	7.7	8.69	8.68	8.67	8.7	9.86	9.85	9.83	9.9	11.12	11.11	11.10	11.2	12.53	12.53	12.51	12.6	14.19	14.18	14.16	14.2
	Amps	260	261	263	267.5	301	302	304	308.5	344	345	347	351.5	390	391	393	397.7	440	441	443	447.6	493	494	496	500.8
	Hi PR	125	127	130	135.0	133	134	137	142.6	139	141	144	149.3	145	146	150	154.9	150	152	155	160.5	157	159	162	167.4
	Lo PR	29.5	29.9	30.8	32.1	29.2	29.6	30.5	31.8	28.5	28.9	29.8	31.1	27.2	27.6	28.4	29.8	25.6	26.0	26.9	28.2	24.1	24.5	25.4	26.7
	MBh	0.85	0.76	0.62	0.5	1.00	0.77	0.63	0.5	1.00	0.80	0.65	0.5	1.00	0.82	0.67	0.5	1.00	0.84	0.70	0.5	1.00	1.00	0.75	0.6
	S/T	22.92	21.07	17.62	14.1	22.87	21.02	17.57	14.0	23.13	21.28	17.83	14.3	22.85	21.00	17.56	14.0	22.61	20.76	17.31	13.7	23.76	21.91	18.47	14.9
ΔT	1.96	1.96	1.96	2.0	2.19	2.19	2.19	2.2	2.45	2.45	2.44	2.5	2.72	2.72	2.72	2.7	3.03	3.03	3.03	3.0	3.39	3.39	3.39	3.4	
kW	7.70	7.69	7.67	7.8	8.75	8.74	8.72	8.8	9.91	9.91	9.89	10.0	11.18	11.17	11.15	11.2	12.59	12.58	12.56	12.6	14.24	14.24	14.22	14.3	
Amps	262	263	265	269.7	303	304	306	310.7	346	347	349	353.7	392	394	395	399.9	442	443	445	449.8	496	497	498	503.0	
Hi PR	127	128	132	136.9	134	136	139	144.5	141	143	146	151.1	147	148	151	156.8	152	154	157	162.3	159	161	164	169.2	
Lo PR	30.0	30.4	31.2	32.6	29.7	30.1	31.0	32.3	28.9	29.3	30.2	31.5	27.6	28.0	28.9	30.2	26.0	26.4	27.3	28.6	24.6	25.0	25.9	27.2	
MBh	0.88	0.80	0.66	0.5	1.00	0.81	0.66	0.5	1.00	0.83	0.69	0.5	1.00	0.85	0.71	0.6	1.00	0.87	0.73	0.6	1.00	1.00	0.79	0.6	
S/T	21.98	20.13	16.69	13.1	21.93	20.08	16.63	13.1	22.19	20.34	16.89	13.3	21.91	20.07	16.62	13.0	21.67	19.82	16.37	12.8	22.82	20.97	17.53	14.0	
ΔT	1.97	1.97	1.97	2.0	2.20	2.20	2.20	2.2	2.46	2.46	2.45	2.5	2.73	2.73	2.73	2.7	3.04	3.04	3.04	3.0	3.40	3.40	3.40	3.4	
kW	7.75	7.74	7.72	7.8	8.79	8.78	8.77	8.8	9.96	9.95	9.93	10.0	11.22	11.21	11.20	11.3	12.63	12.63	12.61	12.7	14.29	14.28	14.26	14.3	
Amps	264	266	267	271.9	305	307	308	312.9	348	349	351	355.8	395	396	398	402.1	444	446	447	451.9	498	499	501	505.1	
Hi PR	129	130	134	138.9	136	138	141	146.5	143	145	148	153.2	149	150	153	158.8	154	156	159	164.3	161	163	166	171.2	
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												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	
<b>80</b>	AIRFLOW	29.3	29.7	30.5	31.9	29.0	29.4	30.3	31.6	28.2	28.7	29.5	30.9	26.9	27.3	28.2	29.5	25.3	25.8	26.6	27.9	23.9	24.3	25.2	26.5	
	MBh	1.00	0.83	0.69	0.5	1.00	0.84	0.70	0.5	1.00	0.87	0.72	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.82	0.7	
	S/T	28.13	26.28	22.83	19.3	28.08	26.23	22.78	19.2	28.34	26.49	23.04	19.5	28.06	26.21	22.76	19.2	27.81	25.96	22.51	18.9	28.97	27.12	23.67	20.1	
	ΔT	1.95	1.95	1.95	2.0	2.18	2.18	2.18	2.2	2.44	2.43	2.43	2.4	2.71	2.71	2.71	2.7	3.02	3.02	3.02	3.0	3.38	3.38	3.38	3.4	
	kW	7.65	7.64	7.63	7.7	8.70	8.69	8.67	8.8	9.87	9.86	9.84	9.9	11.13	11.12	11.10	11.2	12.54	12.53	12.51	12.6	14.20	14.19	14.17	14.3	
	Amps	Hi PR	261	262	263	268.0	302	303	304	309.0	344	346	347	351.9	391	392	394	398.2	441	442	444	448.1	494	495	497	501.3
	Lo PR	126	127	130	135.6	133	135	138	143.2	140	141	145	149.9	145	147	150	155.5	151	153	156	161.0	158	159	163	167.9	
	MBh	29.6	30.1	30.9	32.3	29.4	29.8	30.7	32.0	28.6	29.0	29.9	31.2	27.3	27.7	28.6	29.9	25.7	26.1	27.0	28.3	24.3	24.7	25.5	26.9	
	S/T	1.00	0.90	0.75	0.6	1.00	0.90	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	27.01	25.16	21.71	18.1	26.96	25.11	21.66	18.1	27.22	25.37	21.92	18.3	26.94	25.09	21.64	18.1	26.69	24.85	21.40	17.8	27.85	26.00	22.55	19.0	
kW	1.96	1.96	1.96	2.0	2.19	2.19	2.19	2.2	2.45	2.45	2.44	2.5	2.72	2.72	2.72	2.7	3.03	3.03	3.03	3.0	3.39	3.39	3.39	3.4		
Amps	7.71	7.70	7.68	7.8	8.75	8.74	8.73	8.8	9.92	9.91	9.89	10.0	11.18	11.17	11.16	11.2	12.59	12.59	12.57	12.6	14.25	14.24	14.22	14.3		
Hi PR	263	264	266	270.2	304	305	307	311.2	347	348	350	354.1	393	394	396	400.4	443	444	446	450.3	496	497	499	503.5		
Lo PR	127	129	132	137.4	135	137	140	145.0	142	143	146	151.7	147	149	152	157.3	153	154	158	162.8	160	161	164	169.8		
MBh	30.1	30.5	31.4	32.7	29.8	30.3	31.1	32.5	29.1	29.5	30.4	31.7	27.8	28.2	29.1	30.4	26.2	26.6	27.5	28.8	24.7	25.1	26.0	27.3		
S/T	1.00	0.93	0.79	0.6	1.00	0.94	0.80	0.6	1.00	0.97	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.92	0.8		
ΔT	26.07	24.22	20.77	17.2	26.02	24.17	20.72	17.2	26.28	24.43	20.98	17.4	26.00	24.15	20.71	17.1	25.76	23.91	20.46	16.9	26.91	25.06	21.62	18.0		
kW	1.97	1.97	1.97	2.0	2.20	2.20	2.20	2.2	2.46	2.46	2.45	2.5	2.73	2.73	2.73	2.7	3.04	3.04	3.04	3.1	3.40	3.40	3.40	3.4		
Amps	7.75	7.74	7.73	7.8	8.80	8.79	8.77	8.9	9.96	9.96	9.94	10.0	11.23	11.22	11.20	11.3	12.64	12.63	12.61	12.7	14.30	14.29	14.27	14.3		
Hi PR	265	266	268	272.3	306	307	309	313.3	349	350	352	356.3	395	396	398	402.5	445	446	448	452.4	498	499	501	505.6		
Lo PR	129	131	134	139.5	137	139	142	147.1	144	145	148	153.7	149	151	154	159.4	155	156	160	164.9	162	163	166	171.8		
<b>85</b>	AIRFLOW	29.8	30.2	31.0	32.4	29.5	29.9	30.8	32.1	28.7	29.1	30.0	31.3	27.4	27.8	28.7	30.0	25.8	26.2	27.1	28.4	24.4	24.8	25.7	27.0	
	MBh	1.00	0.94	0.80	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.87	0.7	1.00	1.00	1.00	0.8	
	S/T	31.75	29.91	26.46	22.9	31.70	29.86	26.41	22.8	31.96	30.12	26.67	23.1	31.68	29.84	26.39	22.8	31.44	29.59	26.14	22.6	32.59	30.75	27.30	23.7	
	ΔT	1.96	1.96	1.95	2.0	2.19	2.18	2.18	2.2	2.44	2.44	2.44	2.5	2.72	2.72	2.71	2.7	3.03	3.02	3.02	3.0	3.39	3.39	3.38	3.4	
	kW	7.67	7.66	7.65	7.7	8.72	8.71	8.69	8.8	9.89	9.88	9.86	9.9	11.15	11.14	11.12	11.2	12.56	12.55	12.53	12.6	14.22	14.21	14.19	14.3	
	Amps	Hi PR	262	263	265	269.2	303	304	306	310.2	346	347	349	353.2	392	393	395	399.4	442	443	445	449.3	495	496	498	502.5
	Lo PR	127	129	132	137.5	135	137	140	145.1	142	143	146	151.7	147	149	152	157.4	153	154	158	162.9	160	161	164	169.8	
	MBh	30.1	30.5	31.4	32.7	29.9	30.3	31.2	32.5	29.1	29.5	30.4	31.7	27.8	28.2	29.1	30.4	26.2	26.6	27.5	28.8	24.8	25.2	26.0	27.4	
	S/T	1.00	1.00	0.86	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.89	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	
	ΔT	30.64	28.79	25.34	21.8	30.59	28.74	25.29	21.7	30.85	29.00	25.55	22.0	30.57	28.72	25.27	21.7	30.32	28.47	25.02	21.5	31.48	29.63	26.18	22.6	
kW	1.97	1.97	1.96	2.0	2.20	2.20	2.19	2.2	2.45	2.45	2.45	2.5	2.73	2.73	2.72	2.7	3.04	3.04	3.03	3.0	3.40	3.40	3.39	3.4		
Amps	7.73	7.72	7.70	7.8	8.77	8.76	8.75	8.8	9.94	9.93	9.91	10.0	11.20	11.19	11.18	11.3	12.61	12.61	12.59	12.7	14.27	14.26	14.24	14.3		
Hi PR	264	265	267	271.4	305	306	308	312.4	348	349	351	355.4	394	395	397	401.6	444	445	447	451.5	497	498	500	504.7		
Lo PR	129	131	134	139.3	137	138	142	146.9	144	145	148	153.6	149	151	154	159.2	155	156	159	164.7	162	163	166	171.6		
MBh	30.6	31.0	31.9	33.2	30.3	30.7	31.6	32.9	29.6	30.0	30.9	32.2	28.3	28.7	29.5	30.9	26.7	27.1	28.0	29.3	25.2	25.6	26.5	27.8		
S/T	1.00	1.00	0.90	0.7	1.00	1.00	0.90	0.8	1.00	1.00	0.93	0.8	1.00	1.00	0.95	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.9		
ΔT	29.70	27.85	24.40	20.8	29.65	27.80	24.35	20.8	29.91	28.06	24.61	21.0	29.63	27.78	24.33	20.8	29.38	27.53	24.09	20.5	30.54	28.69	25.24	21.7		
kW	1.98	1.98	1.97	2.0	2.21	2.21	2.20	2.2	2.46	2.46	2.46	2.5	2.74	2.74	2.73	2.8	3.05	3.05	3.04	3.1	3.41	3.41	3.40	3.4		
Amps	7.77	7.76	7.75	7.8	8.82	8.81	8.79	8.9	9.98	9.98	9.96	10.0	11.25	11.24	11.22	11.3	12.66	12.65	12.63	12.7	14.32	14.31	14.29	14.4		
Hi PR	266	267	269	273.6	307	308	310	314.6	350	351	353	357.5	396	397	399	403.8	446	447	449	453.6	499	500	502	506.8		
Lo PR	131	133	136	141.3	139	140	144	148.9	146	147	150	155.6	151	153	156	161.2	157	158	161	166.8	164	165	168	173.7		

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												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	59	63	67	71	59	63	67	71				
<b>1050</b>	MBh	34.9	35.4	36.5	-	34.6	35.1	36.1	-	33.7	34.2	35.2	-	32.1	32.6	33.7	-	30.2	30.7	31.8	-	28.5	29.0	30.0	-	30.2	30.7	31.8	-	28.5	29.0	30.0	-				
	S/T	0.68	0.60	0.45	-	0.69	0.60	0.46	-	0.71	0.63	0.48	-	1.00	0.65	0.51	-	1.00	0.68	0.53	-	1.00	0.73	0.59	-	1.00	0.68	0.53	-	1.00	0.73	0.59	-				
	ΔT	19.90	18.03	14.53	-	19.85	17.97	14.47	-	20.11	18.24	14.74	-	19.83	17.96	14.46	-	19.58	17.71	14.21	-	20.75	18.88	15.38	-	19.58	17.71	14.21	-	20.75	18.88	15.38	-				
	kW	2.35	2.35	2.34	-	2.62	2.62	2.61	-	2.92	2.92	2.91	-	3.25	3.25	3.24	-	3.61	3.61	3.61	-	4.04	4.04	4.04	-	3.61	3.61	3.61	-	4.04	4.04	4.04	-				
	Amps	8.96	8.95	8.93	-	10.20	10.19	10.17	-	11.58	11.57	11.55	-	13.08	13.07	13.05	-	14.75	14.74	14.72	-	16.71	16.70	16.68	-	14.75	14.74	14.72	-	16.71	16.70	16.68	-				
	Hi PR	262	264	265	-	304	305	307	-	347	348	350	-	394	395	397	-	444	445	447	-	497	499	500	-	444	445	447	-	497	499	500	-				
	Lo PR	126	128	131	-	134	136	139	-	141	142	145	-	146	148	151	-	152	153	157	-	159	160	164	-	152	153	157	-	159	160	164	-				
	MBh	35.3	35.7	36.8	-	34.9	35.4	36.5	-	34.0	34.5	35.6	-	32.5	33.0	34.0	-	30.6	31.0	32.1	-	28.8	29.3	30.3	-	30.6	31.0	32.1	-	28.8	29.3	30.3	-				
	S/T	0.72	0.64	0.49	-	0.73	0.65	0.50	-	0.76	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.72	0.57	-	1.00	0.77	0.63	-	1.00	0.72	0.57	-	1.00	0.77	0.63	-				
	ΔT	19.14	17.26	13.76	-	19.09	17.21	13.71	-	19.35	17.48	13.98	-	19.07	17.19	13.69	-	18.82	16.94	13.44	-	19.99	18.12	14.62	-	18.82	16.94	13.44	-	19.99	18.12	14.62	-				
kW	2.36	2.36	2.35	-	2.63	2.63	2.62	-	2.93	2.93	2.92	-	3.26	3.26	3.25	-	3.62	3.62	3.62	-	4.05	4.05	4.05	-	3.62	3.62	3.62	-	4.05	4.05	4.05	-					
Amps	9.00	8.99	8.97	-	10.24	10.23	10.21	-	11.62	11.61	11.59	-	13.12	13.11	13.09	-	14.79	14.78	14.76	-	16.76	16.75	16.73	-	14.79	14.78	14.76	-	16.76	16.75	16.73	-					
Hi PR	264	265	267	-	305	306	308	-	349	350	351	-	395	396	398	-	445	446	448	-	499	500	502	-	445	446	448	-	499	500	502	-					
Lo PR	128	129	132	-	135	137	140	-	142	144	147	-	148	149	152	-	153	155	158	-	160	162	165	-	153	155	158	-	160	162	165	-					
MBh	36.0	36.5	37.6	-	35.7	36.2	37.3	-	34.8	35.3	36.4	-	33.3	33.8	34.8	-	31.4	31.8	32.9	-	29.6	30.1	31.1	-	31.4	31.8	32.9	-	29.6	30.1	31.1	-					
S/T	0.77	0.68	0.54	-	0.77	0.69	0.54	-	1.00	0.72	0.57	-	1.00	0.74	0.59	-	1.00	0.76	0.62	-	1.00	1.00	0.67	-	1.00	0.76	0.62	-	1.00	1.00	0.67	-					
ΔT	17.84	15.97	12.47	-	17.79	15.92	12.42	-	18.06	16.18	12.68	-	17.77	15.90	12.40	-	17.52	15.65	12.15	-	18.70	16.82	13.32	-	17.52	15.65	12.15	-	18.70	16.82	13.32	-					
kW	2.37	2.37	2.37	-	2.64	2.64	2.64	-	2.95	2.94	2.94	-	3.27	3.27	3.27	-	3.64	3.64	3.63	-	4.07	4.07	4.06	-	3.64	3.64	3.63	-	4.07	4.07	4.06	-					
Amps	9.07	9.06	9.04	-	10.31	10.30	10.28	-	11.70	11.69	11.67	-	13.19	13.18	13.16	-	14.87	14.86	14.84	-	16.83	16.82	16.80	-	14.87	14.86	14.84	-	16.83	16.82	16.80	-					
Hi PR	267	268	270	-	308	309	311	-	352	353	354	-	398	399	401	-	448	449	451	-	502	503	505	-	448	449	451	-	502	503	505	-					
Lo PR	131	132	135	-	138	140	143	-	145	146	150	-	151	152	155	-	156	158	161	-	163	165	168	-	156	158	161	-	163	165	168	-					

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	59	63	67	71	59	63	67	71				
<b>1050</b>	MBh	34.9	35.4	36.5	38.1	34.6	35.1	36.2	37.8	33.7	34.2	35.3	36.8	32.2	32.7	33.7	35.3	30.3	30.7	31.8	33.4	28.5	29.0	30.0	31.6	30.3	30.7	31.8	33.4	28.5	29.0	30.0	31.6				
	S/T	0.82	0.74	0.59	0.4	1.00	0.74	0.60	0.4	1.00	0.77	0.62	0.5	1.00	0.79	0.65	0.5	1.00	0.82	0.67	0.5	1.00	1.00	0.73	0.6	1.00	0.82	0.67	0.5	1.00	1.00	0.73	0.6				
	ΔT	24.02	22.15	18.65	15.0	23.97	22.10	18.60	15.0	24.23	22.36	18.86	15.2	23.95	22.08	18.58	15.0	23.70	21.83	18.33	14.7	24.88	23.00	19.50	15.9	23.70	21.83	18.33	14.7	24.88	23.00	19.50	15.9				
	kW	2.35	2.34	2.34	2.4	2.62	2.62	2.61	2.6	2.92	2.92	2.91	2.9	3.25	3.24	3.24	3.3	3.61	3.61	3.61	3.6	4.04	4.04	4.03	4.1	3.61	3.61	3.61	3.6	4.04	4.04	4.03	4.1				
	Amps	8.95	8.94	8.92	9.0	10.19	10.18	10.16	10.3	11.57	11.56	11.54	11.6	13.07	13.06	13.04	13.1	14.74	14.73	14.71	14.8	16.71	16.70	16.67	16.8	14.74	14.73	14.71	14.8	16.71	16.70	16.67	16.8				
	Hi PR	263	264	266	270.2	304	305	307	311.5	347	348	350	354.7	394	395	397	401.3	444	445	447	451.6	498	499	501	505.2	444	445	447	451.6	498	499	501	505.2				
	Lo PR	126	128	131	136.4	134	136	139	144.1	141	142	145	150.8	146	148	151	156.5	152	153	157	162.0	159	160	164	169.0	152	153	157	162.0	159	160	164	169.0				
	MBh	35.3	35.8	36.8	38.4	35.0	35.5	36.5	38.1	34.1	34.5	35.6	37.2	32.5	33.0	34.0	35.6	30.6	31.1	32.1	33.7	28.8	29.3	30.4	32.0	30.6	31.1	32.1	33.7	28.8	29.3	30.4	32.0				
	S/T	0.86	0.78	0.63	0.5	1.00	0.79	0.64	0.5	1.00	0.81	0.67	0.5	1.00	0.83	0.69	0.5	1.00	1.00	0.71	0.6	1.00	1.00	0.77	0.6	1.00	0.71	0.6	1.00	1.00	0.77	0.6					
	ΔT	23.26	21.38	17.88	14.3	23.21	21.33	17.83	14.2	23.47	21.60	18.10	14.5	23.19	21.31	17.81	14.2	22.94	21.06	17.56	13.9	24.11	22.24	18.74	15.1	22.94	21.06	17.56	13.9	24.11	22.24	18.74	15.1				
kW	2.36	2.35	2.35	2.4	2.63	2.62	2.62	2.6	2.93	2.93	2.92	2.9	3.26	3.25	3.25	3.3	3.62	3.62	3.62	3.6	4.05	4.05	4.04	4.1	3.62	3.62	3.62	3.6	4.05	4.05	4.04	4.1					
Amps	8.99	8.98	8.96	9.1	10.23	10.22	10.20	10.3	11.62	11.61	11.58	11.7	13.11	13.10	13.08	13.2	14.79	14.78	14.76	14.9	16.75	16.74	16.72	16.8	14.79	14.78	14.76	14.9	16.75	16.74	16.72	16.8					
Hi PR	264	265	267	271.7	305	307	308	313.0	349	350	352	356.3	395	396	398	402.9	446	447	449	453.1	499	500	502	506.7	446	447	449	453.1	499	500	502	506.7					
Lo PR	128	129	132	137.7	135	137	140	145.4	142	144	147	152.1	148	149	152	157.8	153	155	158	163.3	160	162	165	170.3	153	155	158	163.3	160	162	165	170.3					
MBh	36.1	36.6	37.6	39.2	35.8	36.2	37.3	38.9	34.8	35.3	36.4	38.0	33.3	33.8	34.8	36.4	31.4	31.9	32.9	34.5	29.6	30.1	31.2	32.7	31.4	31.9	32.9	34.5	29.6	30.1	31.2	32.7					
S/T	0.91	0.82	0.68	0.5	1.00	0.83	0.68	0.5	1.00	0.86	0.71	0.6	1.00	0.88	0.73	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.81	0.7	1.00	0.76	0.6	1.00	1.00	0.81	0.7						
ΔT	21.97	20.09	16.59	13.0	21.91	20.04	16.54	12.9	22.18	20.30	16.80	13.2	21.89	20.02	16.52	12.9	21.64	19.77	16.27	12.6	22.82	20.94	17.44	13.8	21.64	19.77	16.27	12.6	22.82	20.94	17.44	13.8					
kW	2.37	2.37	2.36	2.4	2.64	2.64	2.64	2.7	2.94	2.94	2.94	3.0	3.27	3.27	3.27	3.3	3.64	3.64	3.63	3.7	4.07	4.06	4.06	4.1	3.64	3.64	3.63	3.7	4.07	4.06	4.06	4.1					
Amps	9.07	9.06	9.03	9.1	10.30	10.30	10.27	10.4	11.69	11.68	11.66	11.8	13.19	13.18	13.16	13.3	14.86	14.85	14.83	14.9	16.82	16.81	16.79	16.9	14.86	14.85	14.83										

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													
<b>1050</b>		MBh	35.1	35.6	36.7	38.2	34.8	35.3	36.3	37.9	33.9	34.4	35.4	37.0	32.3	32.8	33.9	35.5	30.4	30.9	32.0	33.6	28.7	29.2	30.2	31.8	30.4	30.9	32.0	33.6	28.7	29.2	30.2	31.8	30.4	30.9	32.0	33.6	28.7	29.2	30.2	31.8	30.4	30.9	32.0	33.6	28.7	29.2	30.2	31.8
		S/T	1.00	0.87	0.73	0.6	1.00	0.88	0.73	0.6	1.00	0.91	0.76	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.81	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.81	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.81	0.7	1.00	1.00	0.86	0.7
		ΔT	28.17	26.30	22.80	19.2	28.12	26.25	22.75	19.1	28.38	26.51	23.01	19.4	28.10	26.23	22.73	19.1	27.85	25.98	22.48	18.9	29.02	27.15	23.65	20.0	27.85	25.98	22.48	18.9	29.02	27.15	23.65	20.0	27.85	25.98	22.48	18.9	29.02	27.15	23.65	20.0	27.85	25.98	22.48	18.9	29.02	27.15	23.65	20.0
		kW	2.35	2.35	2.34	2.4	2.62	2.62	2.61	2.6	2.92	2.92	2.91	2.9	3.25	3.25	3.24	3.3	3.61	3.61	3.61	3.6	4.04	4.04	4.04	4.1	3.61	3.61	3.61	3.6	4.04	4.04	4.04	4.1	3.61	3.61	3.61	3.6	4.04	4.04	4.04	4.1	3.61	3.61	3.61	3.6	4.04	4.04	4.04	4.1
		Amps	8.96	8.95	8.92	9.0	10.19	10.19	10.16	10.3	11.58	11.57	11.55	11.6	13.08	13.07	13.05	13.1	14.75	14.74	14.72	14.8	16.71	16.70	16.68	16.8	14.75	14.74	14.72	14.8	16.71	16.70	16.68	16.8	14.75	14.74	14.72	14.8	16.71	16.70	16.68	16.8	14.75	14.74	14.72	14.8	16.71	16.70	16.68	16.8
		Hi PR	263	264	266	270.7	304	306	307	312.0	348	349	351	355.2	394	395	397	401.8	445	446	447	452.0	498	499	501	505.7	445	446	447	452.0	498	499	501	505.7	445	446	447	452.0	498	499	501	505.7	445	446	447	452.0	498	499	501	505.7
		Lo PR	127	128	132	137.0	135	136	139	144.6	141	143	146	151.3	147	148	152	157.0	152	154	157	162.6	159	161	164	169.5	152	154	157	162.6	159	161	164	169.5	152	154	157	162.6	159	161	164	169.5	152	154	157	162.6	159	161	164	169.5
<b>80</b>		MBh	35.5	35.9	37.0	38.6	35.1	35.6	36.7	38.3	34.2	34.7	35.8	37.4	32.7	33.2	34.2	35.8	30.8	31.2	32.3	33.9	29.0	29.5	30.5	32.1	30.8	31.2	32.3	33.9	29.0	29.5	30.5	32.1	30.8	31.2	32.3	33.9	29.0	29.5	30.5	32.1	30.8	31.2	32.3	33.9	29.0	29.5	30.5	32.1
		S/T	1.00	0.92	0.77	0.6	1.00	0.92	0.78	0.6	1.00	0.95	0.80	0.6	1.00	1.00	0.82	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.90	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.90	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.90	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.90	0.7
		ΔT	27.41	25.53	22.03	18.4	27.36	25.48	21.98	18.4	27.62	25.75	22.25	18.6	27.34	25.46	21.96	18.3	27.09	25.21	21.71	18.1	28.26	26.39	22.89	19.3	27.09	25.21	21.71	18.1	28.26	26.39	22.89	19.3	27.09	25.21	21.71	18.1	28.26	26.39	22.89	19.3	27.09	25.21	21.71	18.1	28.26	26.39	22.89	19.3
		kW	2.36	2.36	2.35	2.4	2.63	2.63	2.62	2.6	2.93	2.93	2.92	2.9	3.26	3.26	3.25	3.3	3.62	3.62	3.62	3.6	4.05	4.05	4.05	4.1	3.62	3.62	3.62	3.6	4.05	4.05	4.05	4.1	3.62	3.62	3.62	3.6	4.05	4.05	4.05	4.1	3.62	3.62	3.62	3.6	4.05	4.05	4.05	4.1
		Amps	9.00	8.99	8.97	9.1	10.24	10.23	10.21	10.3	11.62	11.61	11.59	11.7	13.12	13.11	13.09	13.2	14.79	14.78	14.76	14.9	16.76	16.75	16.72	16.8	14.79	14.78	14.76	14.9	16.76	16.75	16.72	16.8	14.79	14.78	14.76	14.9	16.76	16.75	16.72	16.8	14.79	14.78	14.76	14.9	16.76	16.75	16.72	16.8
		Hi PR	265	266	268	272.2	306	307	309	313.5	349	350	352	356.8	396	397	399	403.3	446	447	449	453.6	500	501	503	507.2	446	447	449	453.6	500	501	503	507.2	446	447	449	453.6	500	501	503	507.2	446	447	449	453.6	500	501	503	507.2
		Lo PR	128	130	133	138.3	136	137	141	146.0	143	144	147	152.7	148	150	153	158.3	154	155	159	163.9	161	162	165	170.8	154	155	159	163.9	161	162	165	170.8	154	155	159	163.9	161	162	165	170.8	154	155	159	163.9	161	162	165	170.8
<b>1350</b>		MBh	36.2	36.7	37.8	39.4	35.9	36.4	37.5	39.1	35.0	35.5	36.6	38.1	33.5	34.0	35.0	36.6	31.6	32.0	33.1	34.7	29.8	30.3	31.3	32.9	31.6	32.0	33.1	34.7	29.8	30.3	31.3	32.9	31.6	32.0	33.1	34.7	29.8	30.3	31.3	32.9	31.6	32.0	33.1	34.7	29.8	30.3	31.3	32.9
		S/T	1.00	0.96	0.81	0.7	1.00	0.97	0.82	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.89	0.7	1.00	1.00	0.90	0.8	1.00	1.00	0.89	0.7	1.00	1.00	0.90	0.8	1.00	1.00	0.89	0.7	1.00	1.00	0.90	0.8	1.00	1.00	0.89	0.7	1.00	1.00	0.90	0.8
		ΔT	26.11	24.24	20.74	17.1	26.06	24.19	20.69	17.1	26.33	24.45	20.95	17.3	26.04	24.17	20.67	17.0	25.79	23.92	20.42	16.8	26.97	25.09	21.59	18.0	25.79	23.92	20.42	16.8	26.97	25.09	21.59	18.0	25.79	23.92	20.42	16.8	26.97	25.09	21.59	18.0	25.79	23.92	20.42	16.8	26.97	25.09	21.59	18.0
		kW	2.37	2.37	2.37	2.4	2.64	2.64	2.64	2.7	2.95	2.94	2.94	3.0	3.27	3.27	3.27	3.3	3.64	3.64	3.63	3.7	4.07	4.07	4.06	4.1	3.64	3.64	3.63	3.7	4.07	4.07	4.06	4.1	3.64	3.64	3.63	3.7	4.07	4.07	4.06	4.1	3.64	3.64	3.63	3.7	4.07	4.07	4.06	4.1
		Amps	9.07	9.06	9.04	9.1	10.31	10.30	10.28	10.4	11.70	11.69	11.66	11.8	13.19	13.18	13.16	13.3	14.87	14.86	14.83	14.9	16.83	16.82	16.80	16.9	14.87	14.86	14.83	14.9	16.83	16.82	16.80	16.9	14.87	14.86	14.83	14.9	16.83	16.82	16.80	16.9	14.87	14.86	14.83	14.9	16.83	16.82	16.80	16.9
		Hi PR	268	269	271	275.2	309	310	312	316.5	352	353	355	359.8	399	400	402	406.4	449	450	452	456.6	503	504	506	510.2	449	450	452	456.6	503	504	506	510.2	449	450	452	456.6	503	504	506	510.2	449	450	452	456.6	503	504	506	510.2
		Lo PR	131	133	136	141.2	139	140	144	148.9	145	147	150	155.6	151	153	156	161.2	157	158	161	166.8	164	165	168	173.8	157	158	161	166.8	164	165	168	173.8	157	158	161	166.8	164	165	168	173.8	157	158	161	166.8	164	165	168	173.8
<b>1050</b>		MBh	35.7	36.2	37.2	38.8	35.4	35.9	36.9	38.5	34.5	35.0	36.0	37.6	32.9	33.4	34.5	36.0	31.0	31.5	32.5	34.1	29.3	29.8	30.8	32.4	31.0	31.5	32.5	34.1	29.3	29.8	30.8	32.4	31.0	31.5	32.5	34.1	29.3	29.8	30.8	32.4	31.0	31.5	32.5	34.1	29.3	29.8	30.8	32.4
		S/T	1.00	0.98	0.84	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.89	0.7	1.00	1.00	0.90	0.8	1.00	1.00	0.90	0.8	1.00	1.00	0.90	0.8	1.00	1.00	0.90	0.8	1.00	1.00	0.90	0.8	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	31.85	29.98	26.48	22.9	31.80	29.93	26.43	22.8	32.06	30.19	26.69	23.1	31.78	29.91	26.41	22.8	31.53	29.66	26.16	22.5	32.71	30.83	27.33	23.7	31.53	29.66	26.16	22.5	32.71	30.83	27.33	23.7	31.53	29.66	26.16	22.5	32.71	30.83	27.33	23.7	31.53	29.66	26.16	22.5	32.71	30.83	27.33	23.7
		kW	2.35	2.35	2.35	2.4	2.62	2.62	2.62	2.6	2.93	2.92	2.92	2.9	3.25	3.25	3.25	3.3	3.62	3.62	3.62	3.6	4.05	4.05	4.04	4.1	3.62	3.62	3.62	3.6	4.05	4.05	4.04	4.1	3.62	3.62	3.62	3.6	4.05	4.05	4.04	4.1	3.62	3.62	3.62	3.6	4.05	4.05	4.04	4.1
		Amps	8.98	8.97	8.95	9.0	10.22	10.21	10.19	10.3	11.60	11.59	11.57	11.7	13.10	13.09	13.07	13.2	14.77	14.76	14.74	14.8	16.74	16.73	16.71	16.8	14.77	14.76	14.74	14.8	16.74	16.73	16.71	16.8	14.77	14.76	14.74	14.8	16.74	16.73	16.71	16.8								

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	1300	MBh	41.2	41.8	43.0	-	40.9	41.4	42.7	-	39.8	40.4	41.6	-	38.0	38.5	39.8	-	35.7	36.3	37.5	-	33.7	34.3	35.5	-
		S/T	0.68	0.60	0.46	-	0.69	0.61	0.47	-	0.71	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.68	0.54	-	1.00	0.73	0.59	-
		ΔT	20.00	18.04	14.38	-	19.94	17.99	14.33	-	20.22	18.26	14.60	-	19.92	17.96	14.31	-	19.66	17.70	14.05	-	20.89	18.93	15.27	-
		KW	2.73	2.72	2.72	-	3.05	3.05	3.04	-	3.42	3.41	3.41	-	3.81	3.81	3.80	-	4.25	4.25	4.24	-	4.77	4.77	4.76	-
		Amps	10.44	10.43	10.41	-	11.94	11.93	11.90	-	13.61	13.59	13.57	-	15.41	15.40	15.37	-	17.43	17.42	17.39	-	19.79	19.78	19.76	-
	Hi PR	274	275	277	-	317	318	320	-	362	363	365	-	411	412	414	-	463	464	466	-	518	520	522	-	
	Lo PR	127	128	132	-	134	136	139	-	141	143	146	-	147	148	151	-	152	154	157	-	159	161	164	-	
	1400	MBh	41.6	42.2	43.4	-	41.2	41.8	43.0	-	40.2	40.8	42.0	-	38.4	38.9	40.1	-	36.1	36.7	37.9	-	34.1	34.7	35.9	-
		S/T	0.70	0.63	0.49	-	0.71	0.63	0.49	-	0.74	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.75	0.61	-
		ΔT	19.37	17.41	13.75	-	19.31	17.36	13.70	-	19.59	17.63	13.97	-	19.29	17.34	13.68	-	19.03	17.07	13.42	-	20.26	18.30	14.64	-
KW		2.74	2.73	2.73	-	3.06	3.06	3.05	-	3.43	3.42	3.42	-	3.82	3.82	3.81	-	4.26	4.26	4.25	-	4.78	4.78	4.77	-	
Amps		10.48	10.47	10.45	-	11.98	11.97	11.94	-	13.65	13.63	13.61	-	15.45	15.44	15.41	-	17.47	17.46	17.43	-	19.83	19.82	19.80	-	
Hi PR	276	277	279	-	319	320	322	-	364	365	367	-	412	413	415	-	464	465	467	-	520	521	523	-		
Lo PR	128	130	133	-	136	137	140	-	142	144	147	-	148	150	153	-	154	155	158	-	160	162	165	-		
1575	MBh	42.4	43.0	44.2	-	42.0	42.6	43.8	-	41.0	41.5	42.8	-	39.1	39.7	40.9	-	36.9	37.5	38.7	-	34.9	35.4	36.7	-	
	S/T	0.72	0.65	0.51	-	0.73	0.65	0.51	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.72	0.58	-	1.00	1.00	0.64	-	
	ΔT	18.38	16.42	12.76	-	18.33	16.37	12.71	-	18.60	16.64	12.99	-	18.31	16.35	12.69	-	18.05	16.09	12.43	-	19.27	17.31	13.66	-	
	KW	2.75	2.75	2.74	-	3.08	3.07	3.07	-	3.44	3.44	3.43	-	3.83	3.83	3.83	-	4.28	4.27	4.27	-	4.79	4.79	4.78	-	
	Amps	10.55	10.54	10.51	-	12.04	12.03	12.00	-	13.71	13.70	13.67	-	15.52	15.50	15.48	-	17.53	17.52	17.50	-	19.90	19.89	19.86	-	
Hi PR	278	279	281	-	321	322	324	-	366	367	369	-	414	416	417	-	467	468	470	-	522	523	525	-		
Lo PR	130	132	135	-	138	140	143	-	145	146	149	-	150	152	155	-	156	157	161	-	163	164	168	-		

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	1300	MBh	41.3	41.8	43.0	44.9	40.9	41.5	42.7	44.5	39.8	40.4	41.6	43.5	38.0	<b>38.6</b>	39.8	41.6	35.8	36.3	37.6	39.4	33.7	34.3	35.5	37.4
		S/T	0.81	0.73	0.60	0.4	1.00	0.74	0.60	0.5	1.00	0.77	0.63	0.5	1.00	<b>0.79</b>	0.65	0.5	1.00	0.81	0.67	0.5	1.00	1.00	0.72	0.6
		ΔT	24.30	22.35	18.69	14.9	24.25	22.29	18.63	14.8	24.53	22.57	18.91	15.1	24.23	<b>22.27</b>	18.61	14.8	23.97	22.01	18.35	14.6	25.20	23.24	19.58	15.8
		KW	2.72	2.72	2.72	2.7	3.05	3.05	3.04	3.1	3.42	3.41	3.41	3.4	3.81	<b>3.81</b>	3.80	3.8	4.25	4.25	4.24	4.3	4.77	4.76	4.76	4.8
		Amps	10.43	10.42	10.40	10.5	11.93	11.92	11.89	12.0	13.60	13.58	13.56	13.7	15.40	<b>15.39</b>	15.36	15.5	17.42	17.41	17.38	17.5	19.78	19.77	19.75	19.9
	Hi PR	275	276	278	282.3	317	319	321	325.3	362	364	365	370.2	411	<b>412</b>	414	418.6	463	464	466	470.8	519	520	522	526.5	
	Lo PR	127	128	132	136.9	134	136	139	144.5	141	143	146	151.2	147	<b>148</b>	152	156.8	152	154	157	162.4	159	161	164	169.3	
	1400	MBh	41.6	42.2	43.4	45.3	41.3	41.8	43.1	44.9	40.2	40.8	42.0	43.9	38.4	39.0	40.2	42.0	36.1	36.7	37.9	39.8	34.1	34.7	35.9	37.8
		S/T	0.84	0.76	0.62	0.5	1.00	0.76	0.63	0.5	1.00	0.79	0.65	0.5	1.00	0.81	0.67	0.5	1.00	1.00	0.69	0.5	1.00	1.00	0.75	0.6
		ΔT	23.67	21.72	18.06	14.3	23.62	21.66	18.00	14.2	23.90	21.94	18.28	14.5	23.60	<b>21.64</b>	17.98	14.2	23.34	21.38	17.72	13.9	24.57	22.61	18.95	15.2
KW		2.73	2.73	2.72	2.7	3.06	3.06	3.05	3.1	3.42	3.42	3.42	3.4	3.82	<b>3.82</b>	3.81	3.8	4.26	4.26	4.25	4.3	4.78	4.77	4.77	4.8	
Amps		10.47	10.46	10.44	10.6	11.97	11.96	11.93	12.0	13.64	13.62	13.60	13.7	15.44	<b>15.43</b>	15.40	15.5	17.46	17.45	17.42	17.5	19.82	19.81	19.79	19.9	
Hi PR	276	277	279	283.7	319	320	322	326.6	364	365	367	371.6	412	<b>413</b>	415	420.0	464	466	467	472.2	520	521	523	527.9		
Lo PR	128	130	133	138.2	136	137	140	145.8	142	144	147	152.4	148	<b>150</b>	153	158.1	154	155	158	163.6	160	162	165	170.5		
1575	MBh	42.4	43.0	44.2	46.1	42.1	42.6	43.8	45.7	41.0	41.6	42.8	44.6	39.2	39.7	40.9	42.8	36.9	37.5	38.7	40.6	34.9	35.5	36.7	38.5	
	S/T	0.86	0.78	0.64	0.5	1.00	0.78	0.65	0.5	1.00	0.81	0.67	0.5	1.00	0.83	0.69	0.5	1.00	1.00	0.71	0.6	1.00	1.00	0.77	0.6	
	ΔT	22.69	20.73	17.07	13.3	22.63	20.68	17.02	13.2	22.91	20.95	17.29	13.5	22.61	<b>20.66</b>	17.00	13.2	22.35	20.39	16.74	12.9	23.58	21.62	17.96	14.2	
	KW	2.75	2.74	2.74	2.8	3.07	3.07	3.07	3.1	3.44	3.44	3.43	3.5	3.83	<b>3.83</b>	3.82	3.8	4.27	4.27	4.27	4.3	4.79	4.79	4.78	4.8	
	Amps	10.54	10.53	10.50	10.6	12.03	12.02	12.00	12.1	13.70	13.69	13.66	13.8	15.51	<b>15.49</b>	15.47	15.6	17.52	17.51	17.49	17.6	19.89	19.88	19.85	20.0	
Hi PR	278	280	281	286.2	321	322	324	329.1	366	367	369	374.0	415	<b>416</b>	418	422.4	467	468	470	474.6	523	524	526	530.3		
Lo PR	130	132	135	140.5	138	140	143	148.2	145	146	149	154.8	150	<b>152</b>	155	160.4	156	157	161	166.0	163	164	168	172.9		

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																																						
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	33.9	34.5	35.7	37.6	33.9	34.5	35.7	37.6	33.9	34.5	35.7	37.6
	S/T	1.00	0.86	0.72	0.6	1.00	0.87	0.73	0.6	1.00	0.89	0.75	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.80	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	28.64	26.68	23.02	19.2	28.59	26.63	22.97	19.2	28.86	26.90	23.25	19.5	28.57	26.61	22.95	19.2	28.31	26.35	22.69	18.9	29.53	27.57	23.92	20.1	29.53	27.57	23.92	20.1	29.53	27.57	23.92	20.1	29.53	27.57	23.92	20.1	
	KW	2.73	2.72	2.72	2.7	3.05	3.05	3.04	3.1	3.42	3.41	3.41	3.4	3.81	3.81	3.80	3.8	4.25	4.25	4.24	4.3	4.77	4.77	4.76	4.8	4.77	4.77	4.76	4.8	4.77	4.77	4.76	4.8	4.77	4.77	4.76	4.8	
	Amps	10.44	10.43	10.40	10.5	11.94	11.92	11.90	12.0	13.60	13.59	13.57	13.7	15.41	15.40	15.37	15.5	17.43	17.41	17.39	17.5	19.79	19.78	19.75	19.9	19.79	19.78	19.75	19.9	19.79	19.78	19.75	19.9	19.79	19.78	19.75	19.9	
	Hi PR	275	276	278	282.8	318	319	321	325.8	363	364	366	370.7	411	412	414	419.1	463	465	467	471.3	519	520	522	527.0	519	520	522	527.0	519	520	522	527.0	519	520	522	527.0	
	Lo PR	127	129	132	137.5	135	137	140	145.1	142	143	146	151.8	147	149	152	157.4	153	154	158	162.9	160	161	165	169.8	160	161	165	169.8	160	161	165	169.8	160	161	165	169.8	
	1400	MBh	41.8	42.4	43.6	45.5	41.5	42.1	43.3	45.1	40.4	41.0	42.2	44.1	38.6	39.2	40.4	42.2	36.4	36.9	38.1	40.0	34.3	34.9	36.1	38.0	34.3	34.9	36.1	38.0	34.3	34.9	36.1	38.0				
	S/T	1.00	0.89	0.75	0.6	1.00	0.89	0.75	0.6	1.00	0.92	0.78	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7					
	ΔT	28.01	26.05	22.39	18.6	27.96	26.00	22.34	18.6	28.23	26.27	22.62	18.8	27.94	25.98	22.32	18.5	27.68	25.72	22.06	18.3	28.90	26.94	23.29	19.5	28.90	26.94	23.29	19.5	28.90	26.94	23.29	19.5					
KW	2.73	2.73	2.73	2.8	3.06	3.06	3.05	3.1	3.43	3.42	3.42	3.4	3.82	3.82	3.81	3.8	4.26	4.26	4.25	4.3	4.78	4.78	4.77	4.8	4.78	4.78	4.77	4.8	4.78	4.78	4.77	4.8						
Amps	10.48	10.47	10.44	10.6	11.98	11.96	11.94	12.1	13.64	13.63	13.61	13.7	15.45	15.44	15.41	15.5	17.47	17.45	17.43	17.5	19.83	19.82	19.80	19.9	19.83	19.82	19.80	19.9	19.83	19.82	19.80	19.9						
Hi PR	276	277	279	284.2	319	320	322	327.1	364	365	367	372.1	413	414	416	420.5	465	466	468	472.7	521	522	524	528.4	521	522	524	528.4	521	522	524	528.4						
Lo PR	129	130	133	138.7	136	138	141	146.3	143	144	148	153.0	149	150	153	158.6	154	156	159	164.1	161	163	166	171.1	161	163	166	171.1	161	163	166	171.1						
1575	MBh	42.6	43.2	44.4	46.3	42.3	42.8	44.1	45.9	41.2	41.8	43.0	44.8	39.4	39.9	41.2	43.0	37.1	37.7	38.9	40.8	35.1	35.7	36.9	38.7	35.1	35.7	36.9	38.7	35.1	35.7	36.9	38.7					
S/T	1.00	0.91	0.77	0.6	1.00	0.91	0.77	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.90	0.8	1.00	1.00	0.90	0.8	1.00	1.00	0.90	0.8						
ΔT	27.02	25.07	21.41	17.6	26.97	25.01	21.35	17.6	27.25	25.29	21.63	17.8	26.95	24.99	21.33	17.5	26.69	24.73	21.07	17.3	27.92	25.96	22.30	18.5	27.92	25.96	22.30	18.5	27.92	25.96	22.30	18.5						
KW	2.75	2.75	2.74	2.8	3.08	3.07	3.07	3.1	3.44	3.44	3.43	3.5	3.83	3.83	3.83	3.9	4.27	4.27	4.27	4.3	4.79	4.79	4.78	4.8	4.79	4.79	4.78	4.8	4.79	4.79	4.78	4.8						
Amps	10.55	10.53	10.51	10.6	12.04	12.03	12.00	12.1	13.71	13.70	13.67	13.8	15.51	15.50	15.48	15.6	17.53	17.52	17.49	17.6	19.90	19.89	19.86	20.0	19.90	19.89	19.86	20.0	19.90	19.89	19.86	20.0						
Hi PR	279	280	282	286.7	322	323	325	329.6	367	368	370	374.5	415	416	418	423.0	467	468	470	475.1	523	524	526	530.8	523	524	526	530.8	523	524	526	530.8						
Lo PR	131	133	136	141.1	139	140	143	148.7	145	147	150	155.4	151	152	156	161.0	156	158	161	166.5	163	165	168	173.5	163	165	168	173.5	163	165	168	173.5						
85	1300	MBh	42.2	42.7	43.9	45.8	41.8	42.4	43.6	45.4	40.7	41.3	42.5	44.4	38.9	39.5	40.7	42.5	36.7	37.2	38.5	40.3	34.6	35.2	36.4	38.3	34.6	35.2	36.4	38.3	34.6	35.2	36.4	38.3				
	S/T	1.00	0.96	0.83	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.90	0.8	1.00	1.00	0.95	0.8	1.00	1.00	0.95	0.8	1.00	1.00	0.95	0.8					
	ΔT	32.49	30.53	26.87	23.1	32.43	30.47	26.82	23.0	32.71	30.75	27.09	23.3	32.41	30.45	26.80	23.0	32.15	30.19	26.53	22.7	33.38	31.42	27.76	24.0	33.38	31.42	27.76	24.0	33.38	31.42	27.76	24.0					
	KW	2.73	2.73	2.72	2.7	3.06	3.06	3.05	3.1	3.42	3.42	3.41	3.4	3.82	3.81	3.81	3.8	4.26	4.26	4.25	4.3	4.78	4.77	4.77	4.8	4.78	4.77	4.77	4.8	4.78	4.77	4.77	4.8					
	Amps	10.47	10.46	10.43	10.5	11.96	11.95	11.93	12.0	13.63	13.62	13.59	13.7	15.44	15.43	15.40	15.5	17.45	17.44	17.42	17.5	19.82	19.81	19.78	19.9	19.82	19.81	19.78	19.9	19.82	19.81	19.78	19.9					
	Hi PR	276	277	279	284.1	319	320	322	327.0	364	365	367	372.0	413	414	416	420.4	465	466	468	472.6	520	522	524	528.3	520	522	524	528.3	520	522	524	528.3					
	Lo PR	129	131	134	139.4	137	138	142	147.0	144	145	148	153.6	149	151	154	159.3	155	156	159	164.8	162	163	166	171.7	162	163	166	171.7	162	163	166	171.7					
	1400	MBh	42.5	43.1	44.3	46.2	42.2	42.7	44.0	45.8	41.1	41.7	42.9	44.8	39.3	39.9	41.1	42.9	37.0	37.6	38.8	40.7	35.0	35.6	36.8	38.6	35.0	35.6	36.8	38.6	35.0	35.6	36.8	38.6				
	S/T	1.00	0.99	0.85	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.90	0.8	1.00	1.00	0.92	0.8	1.00	1.00	0.97	0.8	1.00	1.00	0.97	0.8	1.00	1.00	0.97	0.8					
	ΔT	31.86	29.90	26.24	22.5	31.80	29.84	26.19	22.4	32.08	30.12	26.46	22.7	31.78	29.82	26.17	22.4	31.52	29.56	25.90	22.1	32.75	30.79	27.13	23.3	32.75	30.79	27.13	23.3									
KW	2.74	2.74	2.73	2.8	3.07	3.06	3.06	3.1	3.43	3.43	3.42	3.4	3.83	3.82	3.82	3.8	4.27	4.26	4.26	4.3	4.78	4.78	4.78	4.8	4.78	4.78	4.78	4.8										
Amps	10.51	10.50	10.47	10.6	12.00	11.99	11.97	12.1	13.67	13.66	13.64	13.7	15.48	15.47	15.44	15.6	17.49	17.48	17.46	17.6	19.86	19.85	19.82	19.9	19.86	19.85	19.82	19.9										
Hi PR	278	279	281	285.5	321	322	324	328.4	366	367	369	373.4	414	415	417	421.8	466	467	469	474.0	522	523	525	529.7	522	523	525	529.7										
Lo PR	131	132	135	140.6	138	140	143	148.2	145	146	150	154.9	150	152	155	160.5	156	158	161	166.0	163	164	168	172.9	163	164	168	172.9										
1575	MBh	43.3	43.9	45.1	47.0	42.9	43.5	44.7	46.6	41.9	42.5	43.7	45.5	40.1	40.6	41.8	43.7	37.8	38.4	39.6	41.5	35.8	36.4	37.6	39.4	35.8	36.4	37.6	39.4									
S/T	1.00	1.00	0.87	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.90	0.8	1.00	1.00	0.92	0.8	1.00	1.00	0.94	0.8	1.00	1.00	1.00	0.9	1.00	1.00	1.00	0.9										
ΔT	30.87	28.91	25.25	21.5	30.82	28.86	25.20	21.4	31.09	29.13	25.48	21.7	30.80	28.84	25.18	21.4	30.53	28.58	24.92	21.1																		

IDB		OUTDOOR AMBIENT TEMPERATURE												105												115															
		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	59	63	67	71	59	63	67	71								
<b>1400</b>	Mbh	47.3	47.9	49.3	-	46.8	47.5	48.9	-	45.6	46.3	47.7	-	43.5	44.2	45.6	-	40.9	41.6	43.0	-	38.5	39.2	40.6	-	40.9	41.6	43.0	-	38.5	39.2	40.6	-	40.9	41.6	43.0	-	38.5	39.2	40.6	-
	S/T	0.65	0.57	0.43	-	0.66	0.58	0.44	-	0.68	0.60	0.46	-	1.00	0.62	0.48	-	1.00	0.65	0.51	-	1.00	0.70	0.56	-	1.00	0.65	0.51	-	1.00	0.70	0.56	-	1.00	0.65	0.51	-	1.00	0.70	0.56	-
	ΔT	19.64	17.79	14.33	-	19.59	17.74	14.28	-	19.85	18.00	14.54	-	19.57	17.72	14.26	-	19.33	17.47	14.01	-	20.49	18.63	15.17	-	19.33	17.47	14.01	-	20.49	18.63	15.17	-	19.33	17.47	14.01	-	20.49	18.63	15.17	-
	kW	3.21	3.21	3.20	-	3.57	3.56	3.56	-	3.96	3.96	3.95	-	4.39	4.39	4.38	-	4.87	4.87	4.86	-	5.44	5.43	5.43	-	4.87	4.87	4.86	-	5.44	5.43	5.43	-	4.87	4.87	4.86	-	5.44	5.43	5.43	-
	Amps	11.41	11.40	11.37	-	13.04	13.03	13.00	-	14.85	14.84	14.81	-	16.82	16.81	16.78	-	19.02	19.00	18.97	-	21.59	21.58	21.55	-	19.02	19.00	18.97	-	21.59	21.58	21.55	-	19.02	19.00	18.97	-	21.59	21.58	21.55	-
	Hi PR	265	266	268	-	307	308	310	-	351	352	354	-	398	399	401	-	449	450	452	-	503	504	506	-	449	450	452	-	503	504	506	-	449	450	452	-	503	504	506	-
	Lo PR	126	128	131	-	134	136	139	-	141	142	146	-	146	148	151	-	152	154	157	-	159	161	164	-	152	154	157	-	159	161	164	-	152	154	157	-	159	161	164	-
	Mbh	47.7	48.3	49.7	-	47.3	47.9	49.3	-	46.0	46.7	48.1	-	43.9	44.6	46.0	-	41.3	42.0	43.4	-	39.0	39.6	41.0	-	41.3	42.0	43.4	-	39.0	39.6	41.0	-	41.3	42.0	43.4	-	39.0	39.6	41.0	-
	S/T	0.69	0.61	0.47	-	0.69	0.61	0.47	-	0.72	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.74	0.60	-	1.00	0.68	0.54	-	1.00	0.74	0.60	-	1.00	0.68	0.54	-	1.00	0.74	0.60	-
	ΔT	18.93	17.08	13.62	-	18.88	17.03	13.57	-	19.14	17.29	13.83	-	18.87	17.01	13.55	-	18.62	16.76	13.30	-	19.78	17.92	14.46	-	18.62	16.76	13.30	-	19.78	17.92	14.46	-	18.62	16.76	13.30	-	19.78	17.92	14.46	-
kW	3.22	3.22	3.21	-	3.58	3.58	3.57	-	3.98	3.97	3.97	-	4.40	4.40	4.40	-	4.88	4.88	4.88	-	5.45	5.44	5.44	-	4.88	4.88	4.88	-	5.45	5.44	5.44	-	4.88	4.88	4.88	-	5.45	5.44	5.44	-	
Amps	11.46	11.45	11.42	-	13.09	13.08	13.05	-	14.91	14.90	14.87	-	16.87	16.86	16.83	-	19.07	19.06	19.03	-	21.64	21.63	21.60	-	19.07	19.06	19.03	-	21.64	21.63	21.60	-	19.07	19.06	19.03	-	21.64	21.63	21.60	-	
Hi PR	267	268	270	-	309	310	312	-	352	353	355	-	399	401	402	-	450	451	453	-	504	505	507	-	450	451	453	-	504	505	507	-	450	451	453	-	504	505	507	-	
Lo PR	128	129	132	-	135	137	140	-	142	144	147	-	148	149	152	-	153	155	158	-	160	162	165	-	153	155	158	-	160	162	165	-	153	155	158	-	160	162	165	-	
Mbh	48.8	49.5	50.9	-	48.4	49.0	50.4	-	47.1	47.8	49.2	-	45.0	45.7	47.1	-	42.4	43.1	44.5	-	40.1	40.7	42.2	-	42.4	43.1	44.5	-	40.1	40.7	42.2	-	42.4	43.1	44.5	-	40.1	40.7	42.2	-	
S/T	0.73	0.65	0.51	-	0.74	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.73	0.59	-	1.00	1.00	0.64	-	1.00	0.73	0.59	-	1.00	1.00	0.64	-	1.00	0.73	0.59	-	1.00	1.00	0.64	-	
ΔT	17.61	15.76	12.29	-	17.56	15.71	12.24	-	17.82	15.97	12.50	-	17.54	15.69	12.22	-	17.29	15.44	11.98	-	18.46	16.60	13.14	-	17.29	15.44	11.98	-	18.46	16.60	13.14	-	17.29	15.44	11.98	-	18.46	16.60	13.14	-	
kW	3.24	3.24	3.24	-	3.60	3.60	3.59	-	4.00	3.99	3.99	-	4.43	4.42	4.42	-	4.91	4.90	4.90	-	5.47	5.47	5.46	-	4.91	4.90	4.90	-	5.47	5.47	5.46	-	4.91	4.90	4.90	-	5.47	5.47	5.46	-	
Amps	11.56	11.55	11.52	-	13.19	13.18	13.15	-	15.01	14.99	14.97	-	16.97	16.96	16.93	-	19.17	19.16	19.13	-	21.74	21.73	21.70	-	19.17	19.16	19.13	-	21.74	21.73	21.70	-	19.17	19.16	19.13	-	21.74	21.73	21.70	-	
Hi PR	270	271	273	-	312	313	315	-	355	357	358	-	403	404	406	-	453	454	456	-	507	509	510	-	453	454	456	-	507	509	510	-	453	454	456	-	507	509	510	-	
Lo PR	131	132	135	-	138	140	143	-	145	147	150	-	151	152	155	-	156	158	161	-	163	165	168	-	156	158	161	-	163	165	168	-	156	158	161	-	163	165	168	-	

IDB		OUTDOOR AMBIENT TEMPERATURE												105												115															
		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	59	63	67	71	59	63	67	71								
<b>1400</b>	Mbh	47.3	47.9	49.4	51.5	46.9	47.5	48.9	51.1	45.6	46.3	47.7	49.8	43.5	44.2	45.6	47.7	40.9	41.6	43.0	45.2	38.6	39.2	40.6	42.8	40.9	41.6	43.0	45.2	38.6	39.2	40.6	42.8	40.9	41.6	43.0	45.2	38.6	39.2	40.6	42.8
	S/T	0.78	0.70	0.56	0.4	1.00	0.71	0.57	0.4	1.00	0.74	0.60	0.4	1.00	0.76	0.62	0.5	1.00	0.78	0.64	0.5	1.00	1.00	0.69	0.5	1.00	0.78	0.64	0.5	1.00	1.00	0.69	0.5	1.00	0.78	0.64	0.5	1.00	1.00	0.69	0.5
	ΔT	23.72	21.87	18.40	14.8	23.67	21.82	18.35	14.8	23.93	22.08	18.61	15.0	23.65	21.80	18.33	14.7	23.40	21.55	18.09	14.5	24.57	22.71	19.25	15.7	23.40	21.55	18.09	14.5	24.57	22.71	19.25	15.7	23.40	21.55	18.09	14.5	24.57	22.71	19.25	15.7
	kW	3.21	3.21	3.20	3.2	3.56	3.56	3.56	3.6	3.96	3.96	3.95	4.0	4.39	4.39	4.38	4.4	4.87	4.87	4.86	4.9	5.43	5.43	5.42	5.5	4.87	4.87	4.86	4.9	5.43	5.43	5.42	5.5	4.87	4.87	4.86	4.9	5.43	5.43	5.42	5.5
	Amps	11.40	11.39	11.36	11.5	13.03	13.02	12.99	13.1	14.84	14.83	14.80	14.9	16.81	16.80	16.77	16.9	19.00	18.99	18.96	19.1	21.58	21.57	21.54	21.7	19.00	18.99	18.96	19.1	21.58	21.57	21.54	21.7	19.00	18.99	18.96	19.1	21.58	21.57	21.54	21.7
	Hi PR	266	267	269	273.2	307	308	310	314.9	351	352	354	358.7	398	399	401	405.8	449	450	452	456.5	503	504	506	510.7	449	450	452	456.5	503	504	506	510.7	449	450	452	456.5	503	504	506	510.7
	Lo PR	126	128	131	136.5	134	136	139	144.2	141	142	146	150.9	146	148	151	156.6	152	154	157	162.1	159	161	164	169.1	152	154	157	162.1	159	161	164	169.1	152	154	157	162.1	159	161	164	169.1
	Mbh	47.7	48.4	49.8	51.9	47.3	47.9	49.3	51.5	46.0	46.7	48.1	50.3	43.9	44.6	46.0	48.2	41.4	42.0	43.4	45.6	39.0	39.7	41.1	43.2	41.4	42.0	43.4	45.6	39.0	39.7	41.1	43.2	41.4	42.0	43.4	45.6	39.0	39.7	41.1	43.2
	S/T	0.82	0.74	0.60	0.5	1.00	0.75	0.61	0.5	1.00	0.77	0.63	0.5	1.00	0.79	0.65	0.5	1.00	0.84	0.70	0.5	1.00	1.00	0.73	0.6	1.00	0.84	0.70	0.5	1.00	1.00	0.73	0.6	1.00	0.84	0.70	0.5	1.00	1.00	0.73	0.6
	ΔT	23.01	21.16	17.70	14.1	22.96	21.11	17.64	14.1	23.22	21.37	17.91	14.3	22.94	21.09	17.63	14.0	22.70	20.84	17.38	13.8	23.86	22.00	18.54	15.0	22.70	20.84	17.38	13.8	23.86	22.00	18.54	15.0	22.70	20.84	17.38	13.8	23.86	22.00	18.54	15.0
kW	3.22	3.22	3.21	3.2	3.58	3.57	3.57	3.6	3.97	3.97	3.96	4.0	4.40	4.40	4.39	4.4	4.88	4.88	4.87	4.9	5.44	5.44	5.44	5.5	4.88	4.88	4.87	4.9	5.44	5.44	5.44	5.5	4.88	4.88	4.87	4.9	5.44	5.44	5.44	5.5	
Amps	11.45	11.44	11.41	11.5	13.08	13.07	13.04	13.2	14.90	14.88	14.86	15.0	16.86	16.85	16.82	16.9	19.06	19.05	19.02	19.1																					

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

IDB: Entering Indoor Dry Bulb Temperature  
 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																							
		MBh	41.1	41.7	42.9	-	-	-	-	39.6	40.2	41.4	-	37.8	38.4	39.6	-	35.5	36.1	37.3	-	33.5	34.0	35.3	-
		S/T	0.62	0.54	0.40	-	-	-	-	0.65	0.57	0.43	-	1.00	0.59	0.45	-	1.00	0.62	0.48	-	1.00	0.67	0.53	-
		ΔT	20.34	18.47	14.99	-	-	-	-	20.55	18.68	15.20	-	20.27	18.40	14.92	-	20.02	18.15	14.67	-	21.18	19.32	15.84	-
<b>1050</b>		KW	2.31	2.31	2.31	-	-	-	-	2.86	2.86	2.85	-	3.17	3.17	3.17	-	3.52	3.52	3.52	-	3.93	3.93	3.93	-
		Amps	7.74	7.73	7.71	-	-	-	-	10.12	10.12	10.10	-	11.48	11.48	11.46	-	13.00	13.00	12.98	-	14.79	14.78	14.76	-
		Hi PR	264	265	267	-	-	-	-	349	351	352	-	397	398	400	-	447	448	450	-	501	503	504	-
		Lo PR	125	126	129	-	-	-	-	139	140	144	-	145	146	149	-	150	152	155	-	157	158	162	-
		MBh	41.7	42.3	43.5	-	-	-	-	40.2	40.8	42.1	-	38.4	39.0	40.2	-	36.1	36.7	37.9	-	34.1	34.7	35.9	-
		S/T	0.69	0.61	0.47	-	-	-	-	0.73	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-
		ΔT	19.03	17.16	13.68	-	-	-	-	19.24	17.38	13.90	-	18.96	17.09	13.61	-	18.71	16.85	13.37	-	19.88	18.01	14.53	-
<b>70</b>		KW	2.33	2.33	2.32	-	-	-	-	2.88	2.87	2.87	-	3.19	3.19	3.18	-	3.54	3.54	3.53	-	3.95	3.95	3.94	-
		Amps	7.81	7.80	7.78	-	-	-	-	10.19	10.18	10.16	-	11.55	11.54	11.52	-	13.07	13.06	13.04	-	14.86	14.85	14.83	-
		Hi PR	267	268	270	-	-	-	-	352	353	355	-	399	400	402	-	450	451	453	-	504	505	507	-
		Lo PR	127	128	131	-	-	-	-	141	143	146	-	147	148	151	-	152	154	157	-	159	161	164	-
		MBh	42.3	42.9	44.1	-	-	-	-	40.8	41.4	42.6	-	39.0	39.6	40.8	-	36.7	37.3	38.5	-	34.7	35.2	36.5	-
		S/T	0.73	0.65	0.51	-	-	-	-	0.76	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.72	0.58	-	1.00	0.78	0.64	-
		ΔT	18.16	16.29	12.81	-	-	-	-	18.37	16.50	13.02	-	18.09	16.22	12.74	-	17.84	15.97	12.49	-	19.01	17.14	13.66	-
<b>1365</b>		KW	2.34	2.34	2.33	-	-	-	-	2.89	2.88	2.88	-	3.20	3.20	3.19	-	3.55	3.55	3.54	-	3.96	3.96	3.95	-
		Amps	7.85	7.84	7.83	-	-	-	-	10.24	10.23	10.21	-	11.60	11.59	11.57	-	13.12	13.11	13.09	-	14.90	14.89	14.87	-
		Hi PR	269	270	272	-	-	-	-	354	355	357	-	401	402	404	-	452	453	455	-	506	507	509	-
		Lo PR	129	130	133	-	-	-	-	143	144	148	-	148	150	153	-	154	156	159	-	161	162	166	-

		MBh	41.1	41.7	42.9	44.8	44.4	44.4	44.4	39.7	40.2	41.5	43.3	37.8	38.4	39.6	41.5	41.5	41.5	39.2	33.5	34.1	35.3	37.2	
		S/T	0.75	0.67	0.53	0.38	0.39	0.39	0.39	1.00	0.71	0.57	0.42	0.42	1.00	0.73	0.59	0.44	0.44	0.46	1.00	1.00	1.00	0.66	0.51
		ΔT	24.43	22.57	19.09	15.48	15.43	15.43	15.43	24.65	22.78	19.30	15.70	24.36	22.50	19.02	15.41	15.41	15.41	15.17	24.12	22.25	18.77	15.17	16.33
<b>1050</b>		KW	2.31	2.31	2.30	2.32	2.56	2.58	2.58	2.86	2.86	2.85	2.87	3.17	3.17	3.17	3.19	3.19	3.19	3.53	3.52	3.52	3.53	3.95	
		Amps	7.73	7.72	7.71	7.79	8.85	8.83	8.92	10.12	10.11	10.09	10.17	11.48	11.47	11.45	11.54	11.54	11.54	13.06	13.00	12.99	12.97	14.84	
		Hi PR	264	265	267	272	306	307	309	314	350	351	353	357	397	398	400	404	404	455	448	449	451	505	
		Lo PR	125	126	129	135	132	134	137	142	139	140	144	149	145	146	149	155	155	160	150	152	155	167	
		MBh	41.7	42.3	43.5	45.4	45.0	45.0	45.0	40.3	40.8	42.1	44.0	38.4	39.0	40.2	42.1	42.1	42.1	39.8	36.2	36.7	38.0	37.8	
		S/T	0.83	0.75	0.61	0.46	0.47	0.47	0.47	1.00	0.78	0.64	0.49	1.00	0.80	0.66	0.51	0.51	0.53	1.00	1.00	0.82	0.68	0.59	
		ΔT	23.13	21.26	17.78	14.18	14.13	14.13	14.13	23.34	21.47	17.99	14.39	23.06	21.19	17.71	14.11	14.11	14.11	13.86	22.81	20.94	17.46	15.03	
<b>1225</b>		KW	2.33	2.32	2.32	2.34	2.58	2.58	2.60	2.87	2.87	2.87	2.89	3.19	3.19	3.18	3.20	3.20	3.55	3.55	3.54	3.53	3.55	3.96	
		Amps	7.80	7.79	7.77	7.86	8.93	8.92	8.99	10.18	10.18	10.16	10.24	11.55	11.54	11.52	11.60	11.60	13.12	13.07	13.06	13.04	13.12	14.91	
		Hi PR	267	268	270	274	309	310	312	316	352	353	355	360	399	401	402	407	407	458	450	451	453	504	
		Lo PR	127	128	131	137	134	136	139	144	141	143	146	151	147	148	151	157	157	162	152	154	157	169	
		MBh	42.3	42.9	44.1	46.0	45.6	45.6	45.6	40.9	41.4	42.7	44.5	39.0	39.6	40.8	42.7	42.7	42.7	40.4	36.7	37.3	38.6	38.4	
		S/T	0.86	0.78	0.64	0.49	0.50	0.50	0.50	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	0.54	0.57	1.00	1.00	0.72	0.57	0.62	
		ΔT	22.26	20.39	16.91	13.31	13.25	13.25	13.25	22.47	20.60	17.12	13.52	22.19	20.32	16.84	13.24	13.24	13.24	12.99	21.94	20.07	16.59	14.15	
<b>1365</b>		KW	2.34	2.33	2.33	2.35	2.59	2.59	2.61	2.88	2.88	2.88	2.90	3.20	3.20	3.19	3.21	3.21	3.56	3.55	3.55	3.54	3.56	3.97	
		Amps	7.85	7.84	7.82	7.90	8.97	8.96	8.94	10.23	10.22	10.20	10.29	11.59	11.58	11.56	11.65	11.65	13.17	13.11	13.10	13.08	13.17	14.95	
		Hi PR	269	270	272	276	311	312	314	318	354	355	357	362	401	403	404	409	409	455	452	453	455	509	
		Lo PR	129	130	133	139	136	138	141	146	143	144	148	153	148	150	153	159	164	164	154	156	159	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															105															115														
		65					75					85					95					105					115																			
		ENTERING INDOOR WET BULB TEMPERATURE																																												
AIRFLOW	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75											
80	MBh	41.3	41.9	43.1	45.0	40.9	41.5	42.8	44.6	39.9	40.5	41.7	43.6	38.0	38.6	39.8	41.7	35.8	36.3	37.6	39.5	33.7	34.3	35.5	37.4	33.7	34.3	35.5	37.4	33.7	34.3	35.5	37.4	33.7	34.3	35.5	37.4									
	S/T	1.00	0.81	0.66	0.52	1.00	0.81	0.67	0.52	1.00	0.84	0.70	0.55	1.00	1.00	1.00	0.72	0.57	1.00	1.00	0.74	0.59	1.00	1.00	0.79	0.64	1.00	1.00	0.74	0.59	1.00	1.00	0.74	0.59	1.00	1.00	0.74	0.59								
	ΔT	28.56	26.70	23.22	19.61	28.51	26.65	23.17	19.56	28.77	26.91	23.43	19.82	28.49	26.63	23.15	19.54	28.24	26.38	22.90	19.29	29.41	27.54	24.06	20.46	28.24	26.38	22.90	19.29	29.41	27.54	24.06	20.46	28.24	26.38	22.90	19.29									
	KW	2.31	2.31	2.31	2.33	2.57	2.57	2.56	2.58	2.86	2.86	2.85	2.87	3.17	3.17	3.17	3.19	3.52	3.52	3.52	3.54	3.93	3.93	3.93	3.95	3.52	3.52	3.52	3.54	3.93	3.93	3.93	3.95	3.52	3.52	3.52	3.54									
	Amps	7.74	7.73	7.71	7.80	8.87	8.86	8.84	8.92	10.12	10.11	10.09	10.18	11.48	11.47	11.46	11.54	13.00	12.99	12.98	13.06	14.79	14.78	14.76	14.84	13.00	12.99	12.98	13.06	14.79	14.78	14.76	14.84	13.00	12.99	12.98	13.06									
	Hi PR	265	266	268	272	306	308	310	314	350	351	353	358	397	398	400	405	448	449	451	456	502	503	505	510	448	449	451	456	502	503	505	510	448	449	451	456									
	Lo PR	125	127	130	135	133	134	138	143	139	141	144	150	145	147	150	155	151	152	155	161	158	159	162	168	151	152	155	161	158	159	162	168	151	152	155	161									
	MBh	41.9	42.5	43.7	45.6	41.6	42.1	43.4	45.2	40.5	41.1	42.3	44.2	38.6	39.2	40.4	42.3	36.4	37.0	38.2	40.1	34.3	34.9	36.1	38.0	36.4	37.0	38.2	40.1	34.3	34.9	36.1	38.0	36.4	37.0	38.2	40.1									
	S/T	1.00	0.88	0.74	0.59	1.00	0.89	0.74	0.60	1.00	0.91	0.77	0.62	1.00	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.67	1.00	1.00	0.87	0.72	1.00	1.00	0.81	0.67	1.00	1.00	0.87	0.72	1.00	1.00	0.81	0.67								
	ΔT	27.25	25.39	21.91	18.30	27.20	25.34	21.86	18.25	27.46	25.60	22.12	18.51	27.18	25.32	21.84	18.23	26.93	25.07	21.59	17.98	28.10	26.24	22.76	19.15	26.93	25.07	21.59	17.98	28.10	26.24	22.76	19.15	26.93	25.07	21.59	17.98									
KW	2.33	2.33	2.32	2.34	2.59	2.58	2.58	2.60	2.88	2.87	2.87	2.89	3.19	3.19	3.19	3.20	3.54	3.54	3.53	3.55	3.95	3.95	3.94	3.96	3.19	3.19	3.19	3.20	3.54	3.54	3.53	3.55	3.95	3.95	3.94	3.96										
Amps	7.81	7.80	7.78	7.87	8.93	8.92	8.91	8.99	10.19	10.18	10.16	10.25	11.55	11.54	11.52	11.61	13.07	13.06	13.04	13.13	14.85	14.85	14.83	14.91	13.07	13.06	13.04	13.13	14.85	14.85	14.83	14.91	13.07	13.06	13.04	13.13										
Hi PR	267	269	270	275	309	310	312	317	353	354	356	360	400	401	403	407	451	452	454	458	505	506	508	512	451	452	454	458	505	506	508	512	451	452	454	458										
Lo PR	127	129	132	137	135	136	140	145	142	143	146	152	147	149	152	157	153	154	157	163	160	161	164	170	153	154	157	163	160	161	164	170	153	154	157	163										
MBh	42.5	43.1	44.3	46.2	42.1	42.7	44.0	45.8	41.1	41.7	42.9	44.8	39.2	39.8	41.0	42.9	37.0	37.5	38.8	40.7	34.9	35.5	36.7	38.6	37.0	37.5	38.8	40.7	34.9	35.5	36.7	38.6	37.0	37.5	38.8	40.7										
S/T	1.00	0.91	0.77	0.62	1.00	0.92	0.78	0.63	1.00	0.95	0.80	0.66	1.00	1.00	1.00	0.82	0.68	1.00	1.00	0.85	0.70	1.00	1.00	0.90	0.75	1.00	1.00	0.85	0.70	1.00	1.00	0.90	0.75	1.00	1.00	0.85	0.70									
ΔT	26.38	24.52	21.04	17.43	26.33	24.47	20.99	17.38	26.59	24.73	21.25	17.64	26.31	24.45	20.97	17.36	26.06	24.20	20.72	17.11	27.23	25.37	21.89	18.28	26.06	24.20	20.72	17.11	27.23	25.37	21.89	18.28	26.06	24.20	20.72	17.11										
KW	2.34	2.34	2.33	2.35	2.60	2.60	2.59	2.61	2.89	2.88	2.88	2.90	3.20	3.20	3.19	3.21	3.55	3.55	3.54	3.56	3.96	3.96	3.95	3.97	3.19	3.19	3.19	3.21	3.55	3.55	3.54	3.56	3.96	3.96	3.95	3.97										
Amps	7.85	7.84	7.82	7.91	8.98	8.97	8.95	9.04	10.24	10.23	10.21	10.29	11.60	11.59	11.57	11.65	13.12	13.11	13.09	13.17	14.90	14.89	14.87	14.96	13.12	13.11	13.09	13.17	14.90	14.89	14.87	14.96	13.12	13.11	13.09	13.17										
Hi PR	269	270	272	277	311	312	314	319	355	356	358	362	402	403	405	409	453	454	456	460	507	508	510	514	409	409	409	411	453	454	456	460	507	508	510	514										
Lo PR	129	131	134	139	137	138	141	147	143	145	148	153	149	151	154	159	155	156	159	165	161	163	166	172	159	156	159	165	161	163	166	172	155	156	159	165										
MBh	42.0	42.6	43.8	45.7	41.6	42.2	43.4	45.3	40.6	41.1	42.4	44.3	38.7	39.3	40.5	42.4	36.5	37.0	38.3	40.1	34.4	35.0	36.2	38.1	36.5	37.0	38.3	40.1	34.4	35.0	36.2	38.1	36.5	37.0	38.3	40.1										
S/T	1.00	0.91	0.77	0.62	1.00	1.00	0.78	0.63	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.85	0.70	1.00	1.00	0.90	0.75	1.00	1.00	0.85	0.70	1.00	1.00	0.90	0.75	1.00	1.00	0.85	0.70										
ΔT	32.22	30.36	26.88	23.27	32.17	30.31	26.83	23.22	32.43	30.57	27.09	23.48	32.15	30.29	26.81	23.20	31.90	30.04	26.56	22.95	33.07	31.20	27.72	24.12	31.90	30.04	26.56	22.95	33.07	31.20	27.72	24.12	31.90	30.04	26.56	22.95										
KW	2.32	2.32	2.31	2.33	2.58	2.57	2.57	2.59	2.87	2.86	2.86	2.88	3.18	3.18	3.17	3.19	3.53	3.53	3.52	3.54	3.94	3.94	3.93	3.95	3.19	3.19	3.19	3.21	3.53	3.53	3.52	3.54	3.94	3.94	3.93	3.95										
Amps	7.76	7.75	7.73	7.82	8.89	8.88	8.86	8.95	10.14	10.14	10.12	10.20	11.50	11.50	11.48	11.56	13.02	13.02	13.00	13.08	14.81	14.80	14.78	14.87	13.02	13.02	13.00	13.08	14.81	14.80	14.78	14.87	13.02	13.02	13.00	13.08										
Hi PR	266	267	269	274	308	309	311	315	351	353	354	359	399	400	402	406	449	450	452	457	503	505	506	511	406	406	406	408	449	450	452	457	503	505	506	511										
Lo PR	127	129	132	137	135	136	139	145	141	143	146	151	147	149	152	157	152	154	157	163	159	161	164	169	157	154	157	163	159	161	164	169	152	154	157	163										
MBh	42.6	43.2	44.4	46.3	42.2	42.8	44.1	45.9	41.2	41.8	43.0	44.9	39.3	39.9	41.1	43.0	37.1	37.6	38.9	40.8	35.0	35.6	36.8	38.7	37.1	37.6	38.9	40.8	35.0	35.6	36.8	38.7	37.1	37.6	38.9	40.8										
S/T	1.00	0.98	0.84	0.69	1.00	1.00	0.85	0.70	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.75	1.00	1.00	0.85	0.70	1.00	1.00	0.90	0.82	1.00	1.00	0.85	0.70	1.00	1.00	0.90	0.82	1.00	1.00	0.85	0.70										
ΔT	30.91	29.05	25.57	21.96	30.86	29.00	25.52	21.91	31.12	29.26	25.78	22.17	30.84	28.98	25.50	21.89	30.59	28.73	25.25	21.64	31.76	29.90	26.42	22.81	30.59	28.73	25.25	21.64	31.76	29.90	26.42	22.81	30.59	28.73	25.25	21.64										
KW	2.33	2.33	2.33	2.35	2.59	2.59	2.59	2.61	2.88	2.88	2.87	2.89	3.19	3.19	3.19	3.21	3.54	3.54	3.54	3.56	3.95	3.95	3.95	3.97	3.19	3.19	3.19	3.21	3.54	3.54	3.53	3.55	3.95	3.95	3.95	3.97										
Amps	7.83	7.82	7.80	7.89	8.95	8.95	8.93	9.01	10.21	10.20	10.18	10.27	11.57	11.56	11.54	11.63	13.09	13.08	13.06	13.15	14.88	14.87	14.85	14.93	13.09	13.08	13.06	13.15	14.88	14.87	14.85	14.93	13.09	13.08	13.06	13.15										
Hi PR	269	270	272	276	310	311	313	318	354	355	357	362	401	402	404	409	452	453	455	459	506	507	509	514	409	409	409	411	452	453	455	459	506	507	509	514										
Lo PR	129	131	134	139	137	138	142	147	143	145	148	153	149	151	154	159	1																													

IDB		OUTDOOR AMBIENT TEMPERATURE																				
		85				95				105				115								
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71					
		ENTERING INDOOR WET BULB TEMPERATURE																				
70	1500	57.1	57.9	59.6	-	55.1	55.9	57.6	-	52.6	53.4	55.1	-	49.4	50.2	51.9	-	46.5	47.4	49.1	-	
		S/T	0.60	0.53	0.39	-	0.64	0.56	0.42	-	0.65	0.58	0.44	-	1.00	0.60	0.46	-	1.00	0.65	0.51	-
		ΔT	21.07	19.14	15.54	-	21.29	19.36	15.75	-	21.00	19.07	15.46	-	20.74	18.81	15.21	-	21.95	20.02	16.41	-
		KW	3.68	3.67	3.67	-	4.55	4.54	4.54	-	5.05	5.04	5.04	-	5.60	5.60	5.59	-	6.25	6.25	6.24	-
		Amps	12.31	12.29	12.26	-	16.10	16.08	16.05	-	18.26	18.24	18.21	-	20.68	20.66	20.63	-	23.51	23.50	23.47	-
		Hi PR	276	277	279	-	366	367	369	-	415	416	418	-	468	469	471	-	525	526	528	-
		Lo PR	121	123	126	-	135	137	140	-	141	142	145	-	146	147	151	-	153	154	157	-
		MBh	58.0	58.8	60.5	-	56.0	56.8	58.5	-	53.4	54.2	55.9	-	50.3	51.1	52.8	-	47.4	48.2	49.9	-
		S/T	0.68	0.60	0.46	-	0.71	0.63	0.49	-	0.73	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.72	0.59	-
		ΔT	19.72	17.79	14.18	-	19.94	18.01	14.40	-	19.65	17.71	14.11	-	19.39	17.46	13.85	-	20.60	18.67	15.06	-
	KW	3.70	3.70	3.69	-	4.11	4.11	4.10	-	5.07	5.07	5.06	-	5.63	5.62	5.62	-	6.28	6.28	6.27	-	
	Amps	12.41	12.40	12.37	-	16.20	16.19	16.16	-	18.37	18.35	18.32	-	20.78	20.77	20.74	-	23.62	23.60	23.57	-	
	Hi PR	279	280	282	-	368	369	371	-	418	419	421	-	471	472	474	-	527	528	530	-	
	Lo PR	123	125	128	-	137	139	142	-	143	144	147	-	148	149	153	-	155	156	159	-	
	MBh	58.8	59.6	61.3	-	56.8	57.6	59.3	-	54.2	55.0	56.7	-	51.1	51.9	53.6	-	48.2	49.0	50.7	-	
	S/T	0.71	0.63	0.49	-	0.74	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.57	-	1.00	0.76	0.62	-	
	ΔT	18.82	16.88	13.28	-	19.03	17.10	13.50	-	18.74	16.81	13.21	-	18.49	16.55	12.95	-	19.69	17.76	14.16	-	
	KW	3.72	3.71	3.71	-	4.13	4.13	4.12	-	5.09	5.08	5.08	-	5.64	5.64	5.63	-	6.29	6.29	6.28	-	
	Amps	12.49	12.47	12.44	-	16.28	16.26	16.23	-	18.44	18.42	18.39	-	20.85	20.84	20.81	-	23.69	23.68	23.65	-	
	Hi PR	281	282	284	-	370	372	373	-	420	421	423	-	473	474	476	-	529	531	532	-	
	Lo PR	125	127	130	-	139	140	144	-	144	146	149	-	150	151	154	-	157	158	161	-	

IDB		OUTDOOR AMBIENT TEMPERATURE																				
		85				95				105				115								
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71					
		ENTERING INDOOR WET BULB TEMPERATURE																				
75	1500	57.2	58.0	59.7	62.3	55.2	56.0	57.7	60.3	52.6	53.4	55.1	57.7	49.4	50.3	52.0	54.6	46.6	47.4	49.1	51.7	
		S/T	0.73	0.66	0.52	0.37	1.00	0.69	0.55	0.41	1.00	0.71	0.57	0.43	1.00	0.73	0.59	0.45	1.00	0.78	0.65	0.50
		ΔT	25.32	23.39	19.78	16.05	25.54	23.61	20.00	16.26	25.25	23.32	19.71	15.97	24.99	23.06	19.45	15.72	26.20	24.27	20.66	16.92
		KW	3.67	3.67	3.66	3.69	4.55	4.54	4.54	4.57	5.04	5.04	5.03	5.06	5.60	5.60	5.59	5.62	6.25	6.25	6.24	6.27
		Amps	12.29	12.28	12.25	12.39	16.08	16.07	16.04	16.18	18.25	18.23	18.20	18.34	20.66	20.65	20.62	20.76	23.50	23.48	23.45	23.59
		Hi PR	276	278	280	284	366	367	369	374	415	416	418	423	468	469	471	476	525	526	528	533
		Lo PR	121	123	126	131	135	137	140	145	141	142	145	150	146	147	151	156	153	154	157	162
		MBh	58.0	58.8	60.5	63.1	56.0	56.8	58.5	61.1	53.4	54.2	56.0	58.6	50.3	51.1	52.8	55.4	47.4	48.2	49.9	52.6
		S/T	0.81	0.73	0.59	0.45	1.00	0.76	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.80	0.67	0.52	1.00	1.00	0.72	0.57
		ΔT	23.97	22.03	18.43	14.69	24.18	22.25	18.65	14.91	23.89	21.96	18.36	14.62	23.64	21.70	18.10	14.36	24.84	22.91	19.31	15.57
	KW	3.70	3.70	3.69	3.72	4.11	4.11	4.10	4.13	5.07	5.06	5.06	5.09	5.62	5.62	5.61	5.64	6.28	6.27	6.27	6.30	
	Amps	12.40	12.39	12.36	12.49	16.19	16.18	16.15	16.28	18.35	18.34	18.31	18.45	20.77	20.76	20.73	20.86	23.61	23.59	23.56	23.70	
	Hi PR	279	280	282	287	369	370	372	376	418	419	421	426	471	472	474	479	527	529	531	535	
	Lo PR	123	125	128	133	137	139	142	147	143	144	147	152	148	150	153	158	155	156	159	165	
	MBh	58.8	59.6	61.3	64.0	56.8	57.6	59.3	62.0	54.3	55.1	56.8	59.4	51.1	51.9	53.6	56.2	48.2	49.1	50.8	53.4	
	S/T	0.84	0.76	0.62	0.48	1.00	0.79	0.66	0.51	1.00	0.81	0.68	0.53	1.00	0.84	0.70	0.55	1.00	1.00	0.75	0.61	
	ΔT	23.06	21.13	17.52	13.79	23.28	21.35	17.74	14.01	22.99	21.06	17.45	13.72	22.73	20.80	17.19	13.46	23.94	22.01	18.40	14.67	
	KW	3.72	3.71	3.70	3.74	4.13	4.12	4.12	4.15	5.08	5.08	5.07	5.11	5.64	5.64	5.63	5.66	6.29	6.29	6.28	6.31	
	Amps	12.47	12.46	12.43	12.57	16.26	16.25	16.22	16.36	18.43	18.41	18.38	18.52	20.84	20.83	20.80	20.94	23.68	23.66	23.63	23.77	
	Hi PR	281	282	284	289	371	372	374	379	420	421	423	428	473	474	476	481	530	531	533	538	
	Lo PR	125	127	130	135	139	140	144	149	144	146	149	154	150	151	154	160	157	158	161	166	

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	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75
1500	MBh	57.5	58.3	60.0	62.6	62.1	55.5	56.3	58.0	60.6	60.6	52.9	53.7	55.4	58.0	58.0	49.7	50.5	52.3	54.9	54.9	46.9	47.7	49.4	52.0	52.0	46.9	47.7	49.4	52.0	52.0
	S/T	0.86	0.78	0.65	0.50	0.51	1.00	0.82	0.68	0.53	0.53	1.00	0.84	0.70	0.55	0.55	1.00	1.00	1.00	0.72	0.58	1.00	1.00	1.00	0.77	0.63	1.00	1.00	1.00	0.77	0.63
	ΔT	29.60	27.67	24.06	20.32	20.27	29.82	27.88	24.28	20.54	20.54	29.52	27.59	23.99	20.25	20.25	29.27	27.33	23.73	19.99	19.99	30.48	28.54	24.94	21.20	21.20	30.48	28.54	24.94	21.20	21.20
	KW	3.68	3.67	3.67	3.70	4.11	4.55	4.54	4.54	4.57	4.57	5.04	5.04	5.03	5.07	5.07	5.60	5.60	5.59	5.62	5.62	6.25	6.25	6.24	6.27	6.27	6.25	6.25	6.24	6.27	6.27
	Amps	12.30	12.29	12.26	12.40	14.19	16.09	16.08	16.05	16.19	16.19	18.26	18.24	18.21	18.35	18.35	20.67	20.66	20.63	20.77	20.77	23.51	23.49	23.46	23.60	23.60	23.51	23.49	23.46	23.60	23.60
	Hi PR	277	278	280	285	329	366	368	369	374	374	416	417	419	424	424	469	470	472	477	477	525	526	528	533	533	525	526	528	533	533
	Lo PR	122	123	126	132	139	136	137	140	145	145	141	143	146	151	151	147	148	151	156	156	153	155	158	163	163	153	155	158	163	163
	MBh	58.3	59.1	60.8	63.4	63.9	56.3	57.1	58.8	61.4	61.4	53.7	54.5	56.2	58.9	58.9	50.6	51.4	53.1	55.7	55.7	47.7	48.5	50.2	52.9	52.9	47.7	48.5	50.2	52.9	52.9
	S/T	1.00	0.86	0.72	0.57	0.58	1.00	0.89	0.75	0.61	0.61	1.00	0.91	0.77	0.63	0.63	1.00	1.00	1.00	0.79	0.65	1.00	1.00	1.00	0.84	0.70	1.00	1.00	1.00	0.84	0.70
	ΔT	28.24	26.31	22.70	18.97	18.91	28.46	26.53	22.92	19.19	19.19	28.17	26.24	22.63	18.89	18.89	27.91	25.98	22.37	18.64	18.64	29.12	27.19	23.58	19.85	19.85	29.12	27.19	23.58	19.85	19.85
KW	3.70	3.70	3.69	3.72	4.11	4.11	4.11	4.10	4.13	4.13	4.57	4.57	4.56	4.59	4.59	5.07	5.07	5.06	5.09	5.09	5.62	5.62	5.62	5.65	5.65	6.28	6.27	6.27	6.30	6.30	
Amps	12.41	12.40	12.37	12.50	14.29	16.20	16.19	16.16	16.29	16.29	18.36	18.35	18.32	18.46	18.46	20.78	20.77	20.74	20.87	20.87	23.62	23.60	23.57	23.71	23.71	23.62	23.60	23.57	23.71	23.71	
Hi PR	280	281	283	288	331	369	370	372	377	377	418	419	421	426	426	471	473	474	479	479	528	529	531	536	536	528	529	531	536	536	
Lo PR	124	125	128	134	141	138	139	142	147	147	143	145	148	153	153	149	150	153	158	158	155	157	160	165	165	155	157	160	165	165	
MBh	59.1	59.9	61.6	64.3	63.7	57.1	57.9	59.6	62.3	62.3	54.6	55.4	57.1	59.7	59.7	51.4	52.2	53.9	56.5	56.5	48.5	49.3	51.1	53.7	53.7	48.5	49.3	51.1	53.7	53.7	
S/T	1.00	0.89	0.75	0.61	0.61	1.00	0.92	0.78	0.64	0.64	1.00	1.00	0.80	0.66	0.66	1.00	1.00	1.00	0.83	0.68	1.00	1.00	1.00	0.88	0.73	1.00	1.00	1.00	0.88	0.73	
ΔT	27.34	25.41	21.80	18.06	18.01	27.56	25.63	22.02	18.28	18.28	27.27	25.33	21.73	17.99	17.99	27.01	25.08	21.47	17.73	17.73	28.22	26.29	22.68	18.94	18.94	28.22	26.29	22.68	18.94	18.94	
KW	3.72	3.71	3.71	3.74	4.15	4.59	4.59	4.58	4.61	4.61	5.09	5.08	5.08	5.11	5.11	5.64	5.64	5.63	5.66	5.66	6.29	6.29	6.28	6.32	6.32	6.29	6.29	6.28	6.32	6.32	
Amps	12.48	12.47	12.44	12.58	14.37	16.27	16.26	16.23	16.37	16.37	18.44	18.42	18.39	18.53	18.53	20.85	20.84	20.81	20.94	20.94	23.69	23.67	23.64	23.78	23.78	23.69	23.67	23.64	23.78	23.78	
Hi PR	282	283	285	290	333	371	372	374	379	379	420	422	423	428	428	473	475	477	481	481	530	531	533	538	538	530	531	533	538	538	
Lo PR	126	127	130	135	143	140	141	144	149	149	145	146	150	155	155	150	152	155	160	160	157	159	162	167	167	157	159	162	167	167	

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

**APGM32404041 - RISE RANGE: 25° - 55°**

E.S.P.	T1 HEATING SPEED			T2 HEATING SPEED			T3 HEATING SPEED			T4 COOLING SPEED		T5 COOLING SPEED	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS
0.1	695	62	44	820	93	37	1,050	167	29	1,020	153	1,119	208
0.2	650	71	47	785	100	39	1,010	180	30	985	160	1,110	216
0.3	605	77	51	745	108	41	970	186	32	946	168	1,083	222
0.4	565	89	54	700	117	44	935	192	33	905	175	1,052	229
0.5	480	99	X	665	127	46	890	203	35	863	186	1,017	237
0.6	415	106	X	575	138	53	850	208	36	813	190	979	243
0.7	365	110	X	510	146	X	815	216	38	759	199	934	250
0.8	320	119	X	455	155	X	755	222	41	701	206	879	259

**APGM32406041 - RISE RANGE: 30° - 60°**

E.S.P.	T1 HEATING SPEED			T2 HEATING SPEED			T3 HEATING SPEED			T4 COOLING SPEED		T5 COOLING SPEED	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS
0.1	695	62	X	820	93	56	1,050	167	44	1,020	153	1,119	208
0.2	650	71	X	785	100	59	1,010	180	46	985	160	1,110	216
0.3	605	77	X	745	108	X	970	186	48	946	168	1,083	222
0.4	565	89	X	700	117	X	935	192	49	905	175	1,052	229
0.5	480	99	X	665	127	X	890	203	52	863	186	1,017	237
0.6	415	106	X	575	138	X	850	208	54	813	190	979	243
0.7	365	110	X	510	146	X	815	216	57	759	199	934	250
0.8	320	119	X	455	155	X	755	222	X	701	206	879	259

**APGM33004041 - RISE RANGE: 25° - 55°**

E.S.P.	T1 HEATING SPEED			T2 HEATING SPEED			T3 HEATING SPEED			T4 COOLING SPEED		T5 COOLING SPEED	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS
0.1	680	61	45	840	103	37	1,035	174	30	1,202	246	1,225	276
0.2	640	72	48	795	109	39	995	184	31	1,173	251	1,185	275
0.3	605	80	51	750	117	41	960	192	32	1,143	258	1,150	289
0.4	555	89	X	710	126	43	925	205	33	1,110	265	1,115	296
0.5	490	93	X	660	132	47	875	200	35	1,073	272	1,085	303
0.6	455	107	X	615	138	50	840	217	37	1,035	278	1,045	312
0.7	395	109	X	570	150	54	795	222	39	994	285	1,000	315
0.8	350	119	X	515	157	X	755	226	41	947	293	960	320

**APGM33006041 - RISE RANGE: 30° - 60°**

E.S.P.	T1 HEATING SPEED			T2 HEATING SPEED			T3 HEATING SPEED			T4 COOLING SPEED		T5 COOLING SPEED	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS
0.1	680	61	X	840	103	55	1,035	174	45	1,202	246	1,225	276
0.2	640	72	X	795	109	58	995	184	46	1,173	251	1,185	275
0.3	605	80	X	750	117	X	960	192	48	1,143	258	1,150	289
0.4	555	89	X	710	126	X	925	205	50	1,110	265	1,115	296
0.5	490	93	X	660	132	X	875	200	53	1,073	272	1,085	303
0.6	455	107	X	615	138	X	840	217	55	1,035	278	1,045	312
0.7	395	109	X	570	150	X	795	222	58	994	285	1,000	315
0.8	350	119	X	515	157	X	755	226	X	947	293	960	320

**APGM33604041 - Rise Range: 25° - 55°**

E.S.P.	T1 HEATING SPEED			T2 HEATING SPEED			T3 HEATING SPEED			T4 COOLING SPEED		T5 COOLING SPEED	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS
0.1	745	76	41	1,115	206	28	1,265	285	X	1,448	342	1,440	426
0.2	690	84	45	1,075	215	29	1,230	290	X	1,403	343	1,390	428
0.3	635	91	48	1,030	221	30	1,175	300	26	1,358	354	1,365	440
0.4	570	98	54	985	233	31	1,140	303	27	1,319	361	1,335	440
0.5	505	107	X	940	234	33	1,100	311	28	1,277	366	1,295	456
0.6	450	115	X	895	242	34	1,055	319	29	1,232	376	1,255	456
0.7	395	118	X	845	248	36	1,010	326	30	1,176	386	1,220	465
0.8	345	126	X	785	252	39	960	335	32	1,120	395	1,180	468

**APGM33606041 - Rise Range: 30° - 60°**

E.S.P.	T1 HEATING SPEED			T2 HEATING SPEED			T3 HEATING SPEED			T4 COOLING SPEED		T5 COOLING SPEED	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS
0.1	745	76	X	1,115	206	41	1,265	285	36	1,448	342	1,440	426
0.2	690	84	X	1,075	215	43	1,230	290	37	1,403	343	1,390	428
0.3	635	91	X	1,030	221	45	1,175	300	39	1,358	354	1,365	440
0.4	570	98	X	985	233	47	1,140	303	40	1,319	361	1,335	440
0.5	505	107	X	940	234	49	1,100	311	42	1,277	366	1,295	456
0.6	450	115	X	895	242	52	1,055	319	44	1,232	376	1,255	456
0.7	395	118	X	845	248	55	1,010	326	46	1,176	386	1,220	465
0.8	345	126	X	785	252	59	960	335	48	1,120	395	1,180	468

**AAPGM33608041 - Rise Range: 30° - 60°**

E.S.P.	T1 HEATING SPEED			T2 HEATING SPEED			T3 HEATING SPEED			T4 COOLING SPEED		T5 COOLING SPEED	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS
0.1	745	76	X	1,115	206	55	1,265	285	49	1,448	342	1,440	426
0.2	690	84	X	1,075	215	57	1,230	290	50	1,403	343	1,390	428
0.3	635	91	X	1,030	221	60	1,175	300	52	1,358	354	1,365	440
0.4	570	98	X	985	233	X	1,140	303	54	1,319	361	1,335	440
0.5	505	107	X	940	234	X	1,100	311	56	1,277	366	1,295	456
0.6	450	115	X	895	242	X	1,055	319	58	1,232	376	1,255	456
0.7	395	118	X	845	248	X	1,010	326	X	1,176	386	1,220	465
0.8	345	126	X	785	252	X	960	335	X	1,120	395	1,180	468

**APGM34206041 - Rise Range: 30° - 60°**

E.S.P.	T1 HEATING SPEED			T2 HEATING SPEED			T3 HEATING SPEED			T4 COOLING SPEED		T5 COOLING SPEED	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS
0.1	1,055	156	44	1,380	298	33	1,415	327	33	1,542	392	1,637	444
0.2	1,000	166	46	1,320	312	35	1,360	335	34	1,494	403	1,593	454
0.3	940	173	49	1,270	318	36	1,305	343	35	1,437	409	1,541	459
0.4	880	181	52	1,220	327	38	1,260	353	37	1,392	419	1,497	473
0.5	825	189	56	1,160	336	40	1,200	359	38	1,342	430	1,450	478
0.6	760	204	X	1,115	342	41	1,150	371	40	1,295	440	1,407	485
0.7	705	207	X	1,060	347	44	1,110	375	42	1,238	447	1,357	493
0.8	625	210	X	1,000	361	46	1,060	381	44	1,183	454	1,304	502

**AIRFLOW DATA (CONT.)**

**APGM34208041 - RISE RANGE: 30° - 60°**

E.S.P.	T1 HEATING SPEED			T2 HEATING SPEED			T3 HEATING SPEED			T4 COOLING SPEED		T5 COOLING SPEED	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS
0.1	1,055	156	58	1,380	298	45	1,415	327	43	1,542	392	1,637	444
0.2	1,000	166	X	1,320	312	47	1,360	335	45	1,494	403	1,593	454
0.3	940	173	X	1,270	318	48	1,305	343	47	1,437	409	1,541	459
0.4	880	181	X	1,220	327	50	1,260	353	49	1,392	419	1,497	473
0.5	825	189	X	1,160	336	53	1,200	359	51	1,342	430	1,450	478
0.6	760	204	X	1,115	342	55	1,150	371	53	1,295	440	1,407	485
0.7	705	207	X	1,060	347	58	1,110	375	55	1,238	447	1,357	493
0.8	625	210	X	1,000	361	X	1,060	381	58	1,183	454	1,304	502

**APGM34806041 - RISE RANGE: 30° - 60°**

E.S.P.	T1 HEATING SPEED			T2 HEATING SPEED			T3 HEATING SPEED			T4 COOLING SPEED		T5 COOLING SPEED	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS
0.1	1,055	156	44	1,380	298	33	1,415	327	33	1,851	679	1,780	647
0.2	1,000	166	46	1,320	312	35	1,360	335	34	1,803	688	1,740	658
0.3	940	173	49	1,270	318	36	1,305	343	35	1,754	696	1,695	661
0.4	880	181	52	1,220	327	38	1,260	353	37	1,706	702	1,640	679
0.5	825	189	56	1,160	336	40	1,200	359	38	1,665	710	1,595	675
0.6	760	204	X	1,115	342	41	1,150	371	40	1,619	719	1,550	693
0.7	705	207	X	1,060	347	44	1,110	375	42	1,573	727	1,505	690
0.8	625	210	X	1,000	361	46	1,060	381	44	1,528	739	1,465	696

**APGM34808041 - RISE RANGE: 30° - 60°**

E.S.P.	T1 HEATING SPEED			T2 HEATING SPEED			T3 HEATING SPEED			T4 COOLING SPEED		T5 COOLING SPEED	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS
0.1	1,055	156	58	1,380	298	45	1,415	327	43	1,851	679	1,780	647
0.2	1,000	166	X	1,320	312	47	1,360	335	45	1,803	688	1,740	658
0.3	940	173	X	1,270	318	48	1,305	343	47	1,754	696	1,695	661
0.4	880	181	X	1,220	327	50	1,260	353	49	1,706	702	1,640	679
0.5	825	189	X	1,160	336	53	1,200	359	51	1,665	710	1,595	675
0.6	760	204	X	1,115	342	55	1,150	371	53	1,619	719	1,550	693
0.7	705	207	X	1,060	347	58	1,110	375	55	1,573	727	1,505	690
0.8	625	210	X	1,000	361	X	1,060	381	58	1,528	739	1,465	696

**APGM34810041 - RISE RANGE: 35° - 65°**

E.S.P.	T1 HEATING SPEED			T2 HEATING SPEED			T3 HEATING SPEED			T4 COOLING SPEED		T5 COOLING SPEED	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS
0.1	1,055	156	X	1,380	298	56	1,570	327	49	1,851	679	1,780	647
0.2	1,000	166	X	1,320	312	58	1,520	335	51	1,803	688	1,740	658
0.3	940	173	X	1,270	318	61	1,480	343	52	1,754	696	1,695	661
0.4	880	181	X	1,220	327	63	1,425	353	54	1,706	702	1,640	679
0.5	825	189	X	1,160	336	X	1,380	359	56	1,665	710	1,595	675
0.6	760	204	X	1,115	342	X	1,335	371	58	1,619	719	1,550	693
0.7	705	207	X	1,060	347	X	1,285	375	60	1,573	727	1,505	690
0.8	625	210	X	1,000	361	X	1,235	381	62	1,528	739	1,465	696

**APGM36108041 - RISE RANGE: 30° - 60°**

ESP	T1 HEATING SPEED			T2 HEATING SPEED			T3 HEATING SPEED			T4 COOLING SPEED		T5 COOLING SPEED	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	CFM	WATTS	CFM	WATTS
0.1	1,285	252	36	1,370	297	45	1,420	284	X	2,044	757	2,107	831
0.2	1,235	259	37	1,330	304	46	1,371	294	X	1,996	770	2,060	837
0.3	1,180	272	39	1,280	314	48	1,318	302	X	1,955	779	2,015	850
0.4	1,130	272	41	1,220	321	50	1,268	313	X	1,913	785	1,972	858
0.5	1,085	280	42	1,180	341	52	1,217	326	X	1,871	796	1,930	864
0.6	1,035	294	45	1,135	339	54	1,163	341	X	1,828	803	1,888	875
0.7	975	297	47	1,085	347	57	1,101	347	X	1,788	809	1,850	885
0.8	910	319	51	1,035	359	59	1,041	358	X	1,742	822	1,805	889

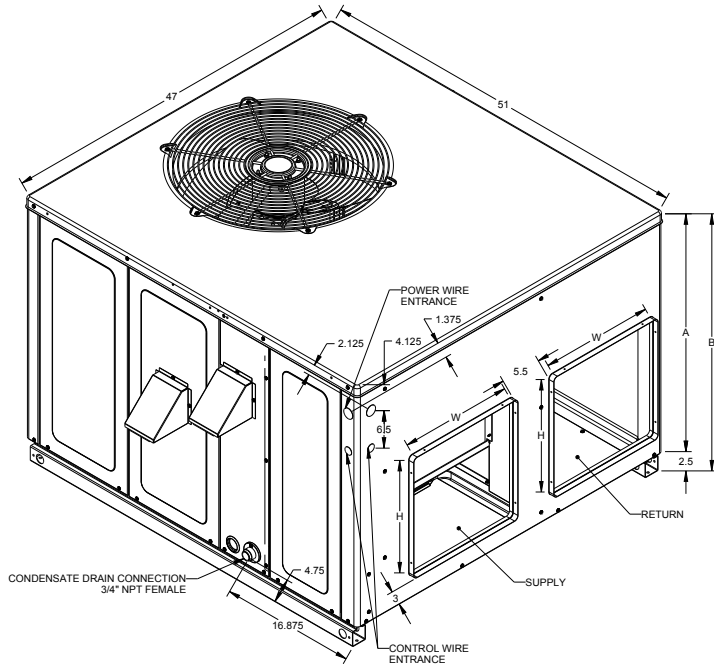
**APGM36110041 - RISE RANGE: 35° - 65°**

ESP	T1 HEATING SPEED			T2 HEATING SPEED			T3 HEATING SPEED			T4 COOLING SPEED		T5 COOLING SPEED	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	CFM	WATTS	CFM	WATTS
0.1	1,175	169	49	1,485	311	52	1,420	284	X	2,044	757	2,107	831
0.2	1,115	178	52	1,425	317	54	1,371	294	X	1,996	770	2,060	837
0.3	1,045	183	55	1,385	331	55	1,318	302	X	1,955	779	2,015	850
0.4	985	194	59	1,350	341	57	1,268	313	X	1,913	785	1,972	858
0.5	905	199	64	1,295	351	59	1,217	326	X	1,871	796	1,930	864
0.6	840	215	X	1,235	359	62	1,163	341	X	1,828	803	1,888	875
0.7	770	218	X	1,180	371	X	1,101	347	X	1,788	809	1,850	885
0.8	700	229	X	1,125	386	X	1,041	358	X	1,742	822	1,805	889

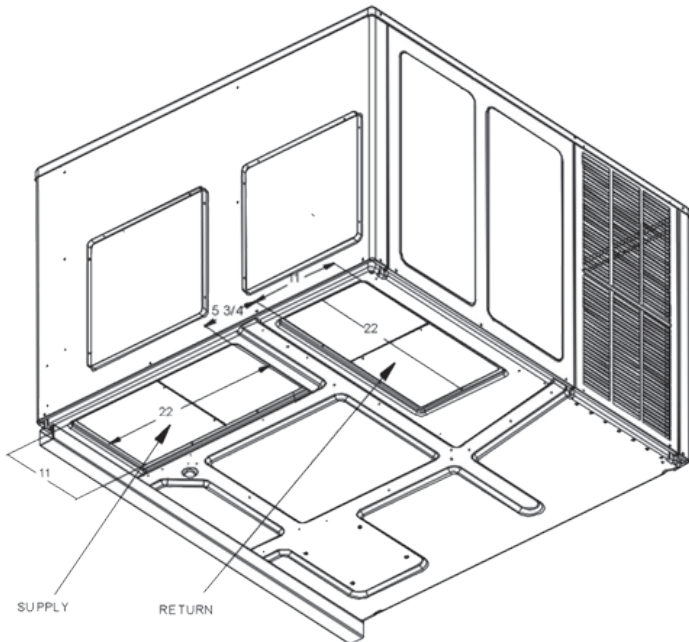
**APGM36112041 - RISE RANGE: 35° - 65°**

ESP	T1 HEATING SPEED			T2 HEATING SPEED			T3 HEATING SPEED			T4 COOLING SPEED		T5 COOLING SPEED	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	CFM	WATTS	CFM	WATTS
0.1	1,345	281	51	1,745	558	53	1,420	284	X	2,044	757	2,107	831
0.2	1,300	286	53	1,705	567	54	1,371	294	X	1,996	770	2,060	837
0.3	1,255	295	55	1,660	572	56	1,318	302	X	1,955	779	2,015	850
0.4	1,205	308	57	1,620	582	57	1,268	313	X	1,913	785	1,972	858
0.5	1,165	322	59	1,580	589	58	1,217	326	X	1,871	796	1,930	864
0.6	1,110	335	62	1,535	604	60	1,163	341	X	1,828	803	1,888	875
0.7	1,055	334	X	1,485	613	62	1,101	347	X	1,788	809	1,850	885
0.8	1,010	346	X	1,435	606	64	1,041	358	X	1,742	822	1,805	889

# DIMENSIONS

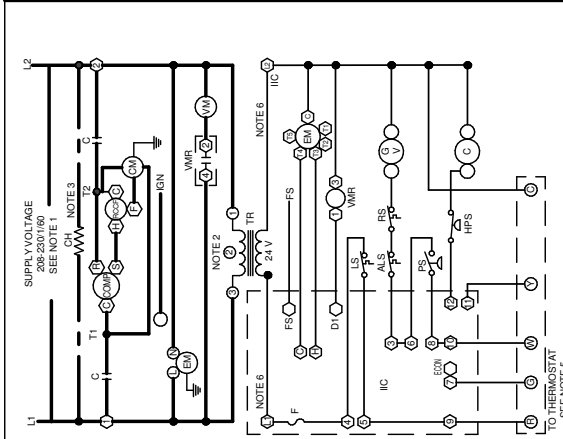
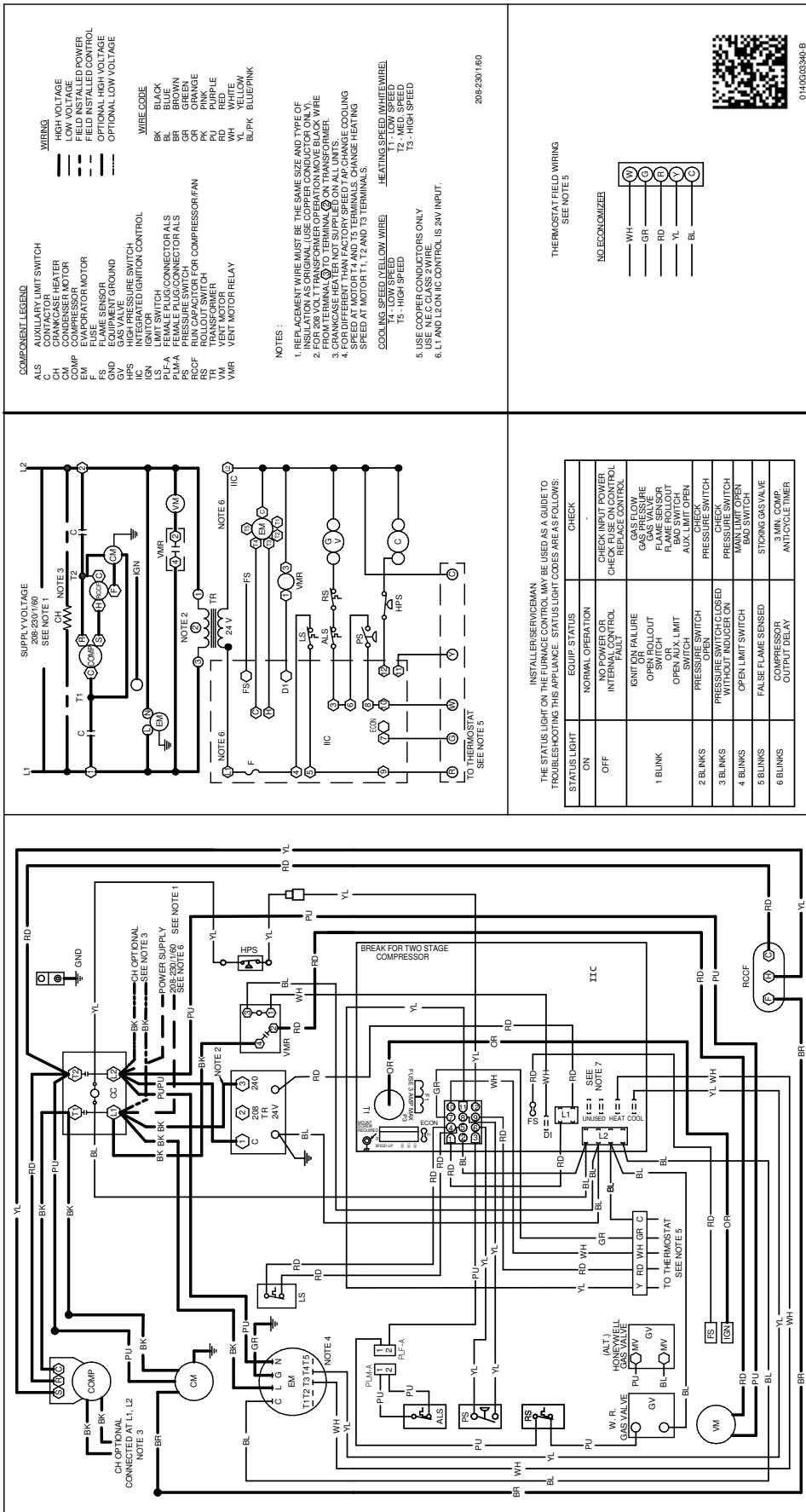


MODEL	UNIT DIMENSIONS (INCHES)				CHASSIS SIZE
			HEIGHT		
	W	D	A	B	
APGM324***41	47	51	32	34½	Medium
APGM330***41	47	51	32	34½	Medium
APGM336***41	47	51	32	34½	Medium
APGM342***41	47	51	40	42½	Large
APGM348***41	47	51	40	42½	Large
APGM361***41	47	51	40	42½	Large



MODEL	DUCT OPENINGS			
	SUPPLY		RETURN	
	W	H	W	H
APGM324***41	16	16	16	16
APGM330***41	16	16	16	16
APGM336***41	16	16	16	16
APGM342***41	16	18	16	18
APGM348***41	16	18	16	18
APGM361***41	16	18	16	18





**COMPONENT LEGEND**

ALS - AUXILIARY LIMIT SWITCH  
 CH - CHANGECASE HEATER  
 CM - COMPRESSOR MOTOR  
 EM - EVAPORATOR MOTOR  
 F - FUSE  
 GND - EQUIPMENT GROUND  
 GV - GAS VALVE  
 HRS - HONEYWELL ROLLOUT SWITCH  
 IC - INTEGRATED IGNITION CONTROL  
 IGN - IGNITOR  
 PLS - PRESSURE LIMIT SWITCH  
 PLS-A - FEMALE PLUG CONNECTOR ALS  
 RSC - ROLLOUT SWITCH  
 RSC-F - RUN CAPACITOR FOR COMPRESSOR/FAN  
 RS - ROLLOUT SWITCH  
 VIM - VENT MOTOR  
 VMR - VENT MOTOR RELAY

**WIRES**

HIGH VOLTAGE  
 LOW VOLTAGE  
 FIELD INSTALLED POWER  
 OPTIONAL HIGH VOLTAGE  
 OPTIONAL LOW VOLTAGE

**WIRE CODE**

BK - BLACK  
 BL - BLUE  
 BR - BROWN  
 GR - GREEN  
 OR - ORANGE  
 PK - PINK  
 PU - PURPLE  
 RD - RED  
 WH - WHITE  
 YL - YELLOW  
 BL/PK - BLUE/PINK

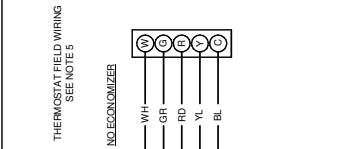
**NOTES:**

1. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF WIRE AS THE ORIGINAL WIRE.
2. FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE FROM TERMINAL T2 TO TERMINAL T3 ON TRANSFORMER.
3. FOR 240 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE FROM TERMINAL T2 TO TERMINAL T1 ON TRANSFORMER.
4. FOR DIFFERENT THAN FACTORY SPEED, TO CHANGE COOLING SPEED AT MOTOR T1, T2 AND T3 TERMINALS. CHANGE HEATING SPEED AT MOTOR T1, T2 AND T3 TERMINALS.

**COOLING SPEED (YELLOW WIRE)**  
 T1 - LOW SPEED  
 T2 - MEDIUM SPEED  
 T3 - HIGH SPEED

**HEATING SPEED (WHITE WIRE)**  
 T1 - LOW SPEED  
 T2 - MEDIUM SPEED  
 T3 - HIGH SPEED

208-230160



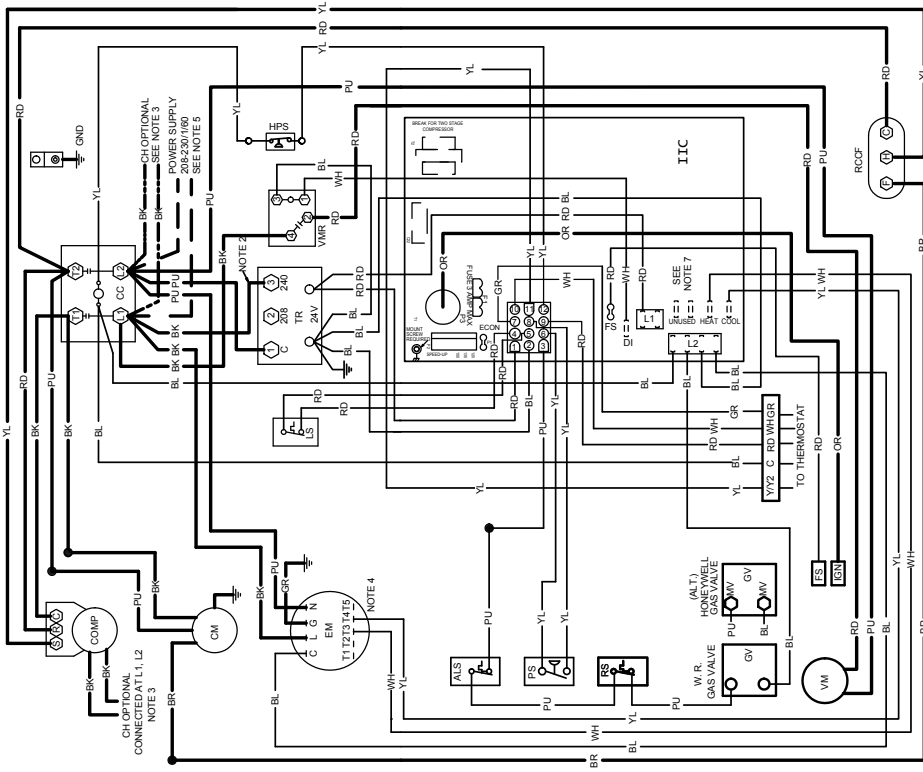
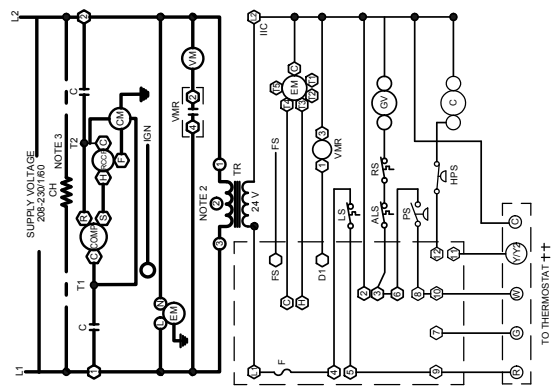
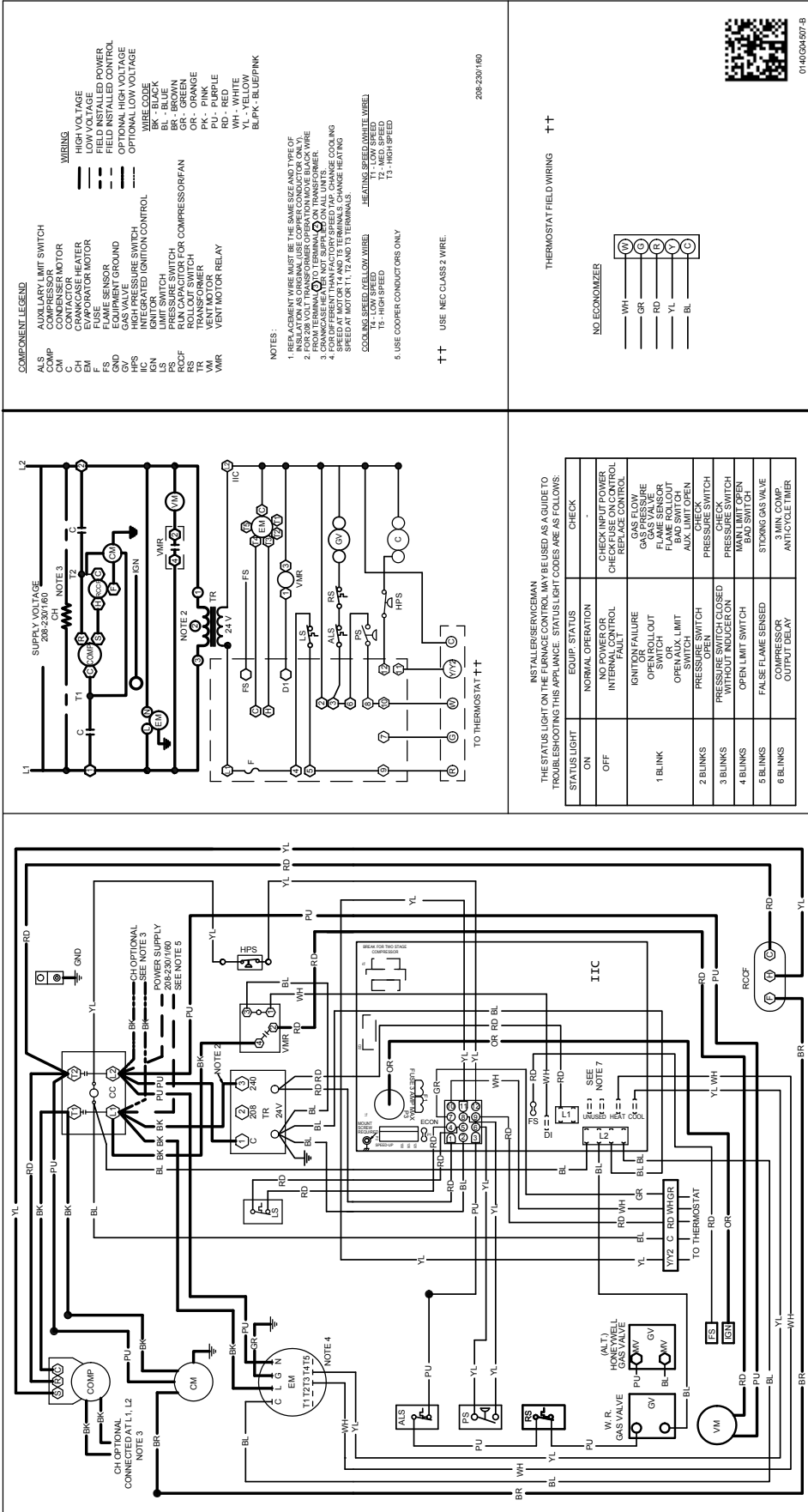
INSTALLER/SERVICE MAN  
 THE STATUS LIGHT ON THE FURNACE CONTROL MAY BE USED AS A GUIDE TO TROUBLESHOOTING THIS APPLIANCE. STATUS LIGHT CODES ARE AS FOLLOWS:

STATUS LIGHT	EQUIP. STATUS	CHECK
ON	NORMAL OPERATION	
OFF	NO POWER OR INTERNAL CONTROL	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITON FAILURE OR SWITCH GAS PRESSURE FLAME ROLLOUT OR LIMIT SWITCH	CASE COOLING GAS PRESSURE FLAME SENSOR FLAME ROLLOUT SWITCH AUX LIMIT OPEN
2 BLINKS	PRESSURE SWITCH OPEN	PRESSURE SWITCH
3 BLINKS	PRESSURE SWITCH CLOSED WITHOUT INDICER ON	PRESSURE SWITCH
4 BLINKS	OPEN LIMIT SWITCH	MAIN LIMIT OPEN BAD SWITCH
5 BLINKS	FALSE FLAME SENSED	STOKING GAS VALVE
6 BLINKS	COMPRESSOR OUTPUT DELAY	3 MIN. COMP. ANTI-CYCLE TIMER

**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.

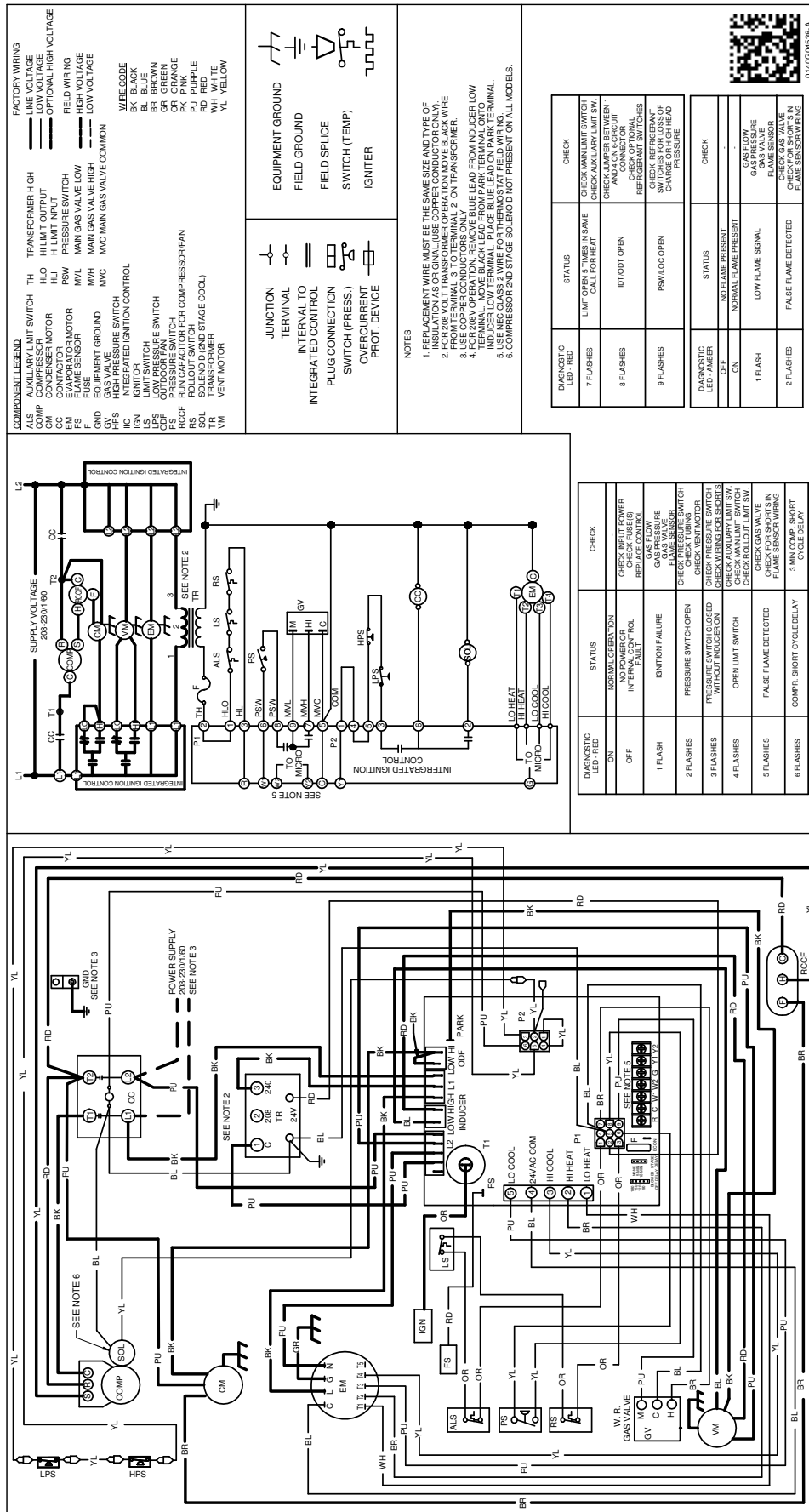


01-0004507-B

**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.



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

**WARNING**

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

ACCESSORY DESCRIPTION	ITEM NUMBER	
	MEDIUM CHASSIS	LARGE CHASSIS
Concentric Kit	CDK36	CDK4872
Downflow Economizer	PGEDJ101/102	PGEDJ103
Downflow Internal Filter Rack (with economizer)	DDNIFRPGMM	N/A (built into economizer)
Downflow Internal Filter Rack (no economizer)	DDNIFRPGA	DDNIFRPGA
Downflow Manual Damper	PGMDD101/102	PGMDD103
Downflow Motorized Damper	PGMDMD101/102	PGMDMD103
Downflow Square to Round	SQRPG101/102	SQRPG103
Economizer Wiring Harness (2-4 Tons)	0259G00214	0259G00214
Economizer Wiring Harness (5 Tons)	N/A	0259L00412
External Horizontal Filter Rack	DPHFRA	DPHFRA
High-Altitude Kit	HA-03	HA-03
Horizontal Duct Cover	20464501PDGK	20464502PDGK
Horizontal Economizer	DHZECNJPCHM	DHZECNJPCHL
Horizontal Manual Damper	PGMDH102	PGMDH103
Horizontal Motorized Damper	PGMDMH102	PGMDMH103
Horizontal Square to Round	SQRPGH101/102	SQRPGH103
Internal Horizontal Filter Rack	DHZIFRPGCHA	DHZIFRPGCHA
LP Conversion Kit (Single-Stage Models)	LPM-07	LPM-07
LP Conversion Kit (Two-Stage Models)	N/A	LPM-08
Outdoor Thermostat with Housing	OTDFPKG-01	OTDFPKG-01
Roof Curb	D14CRBPGCHMA	D14CRBPGCHMA