



# DP14GM

**COOLING CAPACITY: 23,000 – 57,500 BTU/H**  
**HEATING CAPACITY: 40,000 – 120,000 BTU/H**

**PACKAGED GAS / ELECTRIC**  
**14 SEER / 81% AFUE**  
**2 TO 5 TONS**



### ■ Contents

Nomenclature.....	2
Accessories .....	2
Product Specifications.....	3
Expanded Cooling Data .....	6
Airflow Data .....	24
Dimensions .....	29
Wiring Diagrams .....	30

### ■ Standard Features

- Heavy-duty stainless-steel heat exchanger
- Energy-efficient compressor
- All-aluminum evaporator coil
- Aluminum tube/aluminum fin coil
- Flowrater expansion device on 2- to 4-ton units  
TXV expansion device on 5-ton units
- Multi-speed ECM blower motor
- Redundant gas valve with easy conversion to propane
- 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
- All models comply with California Low NOx standards
- For installation in California’s South Coast Air Quality Management District (SCAQMD) only: This furnace does not meet the SCAQMD Rule 1111 14 ng/J NO<sub>x</sub> emission limit, and thus is subject to a mitigation fee of up to \$450. This furnace is not eligible for the SCAQMD Clean Air Furnace Rebate Program: [www.CleanAirFurnaceRebate.com](http://www.CleanAirFurnaceRebate.com).
- AHRI Certified; ETL Listed

### ■ Cabinet Features

- Fully insulated heavy-gauge, zinc-coated steel cabinet with UV-resistant powder-paint finish
- Horizontal or downflow application
- Aluminum foil-facing internal insulation reinforced with fiberglass scrim
- Compressor sound blanket
- Convenient access panels
- One roof curb fits all units
- Fully insulated cabinet
- Bottom, 2” high base rails for easier handling
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds



\* Complete warranty details available from your local dealer or at [www.daikincomfort.com](http://www.daikincomfort.com). To receive the Lifetime Heat Exchanger Limited Warranty (good for as long as you own your home) and 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

	D	P	14	G	M	24	060	4	1	A	A	
	1	2	3,4	5	6	7,8	9,10,11	12	13	14	15	
<b>Brand</b>												<b>Engineering</b>
D - Daikin												Minor revision
<b>Product Type</b>												<b>Engineering</b>
P - Packaged												Major revision
<b>SEER</b>												<b>Voltage</b>
14 - 14 SEER												1 - 208/230V single-phase, 60 Hz
16 - Up to 16 SEER												<b>Refrigerant</b>
<b>Unit Type</b>												4 - R-410A
G - Gas/Electric												<b>Nominal Heat Input</b>
D - Dual Fuel												040 40 MBTU/H 080 80 MBTU/H 100 100 MBTU/H
<b>Configuration</b>												060 60 MBTU/H 120 120 MBTU/H
M - Multi-position												<b>Tonnage Nominal</b>
												24 - 2 tons 42 - 3½ tons
												30 - 2½ tons 48 - 4 tons
												36 - 3 tons 60 - 5 tons

ACCESSORIES

ACCESSORY DESCRIPTION	ITEM NUMBER	
	MEDIUM CHASSIS	LARGE CHASSIS
Concentric Kit	CDK36	CDK4872
Downflow Economizer	DDNECNJPGMM	DDNECNJPGML
Downflow Internal Filter Rack (with Economizer)	DDNIFRPGMM	N/A (built into economizer)
Downflow Internal Filter Rack (no Economizer)	DDNIFRPGA	DDNIFRPGA
Downflow Manual Damper	DDN25FDPGCHMM	DDN25FDPGCHML
Downflow Motorized Damper	DDN25MFDPGCHMM	DDN25MFDPGCHML
Downflow Square to Round	SQRPG101/102	SQRPG103
Economizer Wiring Harness (2-4 Ton)	0259G00214	0259G00214
Economizer Wiring Harness (5 Ton)	N/A	0259L00412
External Horizontal Filter Rack	DPHFRA	DPHFRA
High-Altitude Kit	HA-03	HA-03
Horizontal Duct Cover	20464501NGK	20464502NGK
Horizontal Economizer	DHZECNJPCHM	DHZECNJPCHL
Horizontal Manual Damper	DHZ25FDPGCHMM	DHZ25FDPGCHML
Horizontal Motorized Damper	DHZ25MFDPGCHMM	DHZ25MFDPGCHML
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

	DP14GM24 04041AA	DP14GM24 06041AA	DP14GM30 04041AA	DP14GM30 06041AA	DP14GM36 04041AA	DP14GM36 06041AA
<b>COOLING CAPACITY</b>						
Total BTU/h	23,000	23,000	28,500	28,500	34,200	34,200
Sensible BTU/h	18,400	18,400	28,600	28,600	27,000	27,000
SEER / EER	14.0 / 11.0	14.0 / 11.0	14.0 / 11.0	14.0 / 11.0	14.0 / 11.0	14.0 / 11.0
Decibels	78	78	78	78	78	78
AHRI Reference #s	7505456	7505456	7505457	7505457	7505458	7505458
<b>HEATING CAPACITY</b>						
Input BTU/h	40,000	60,000	40,000	60,000	40,000	60,000
Output BTU/h	31,000	48,000	31,000	48,000	31,000	48,000
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
Orifice Size (Natural/Propane)	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM
<b>EVAPORATOR MOTOR</b>						
Type	EEM	EEM	EEM	EEM	EEM	EEM
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
Motor Speed Tap (Cooling)	T4	T4	T4	T4	T4	T4
RPM/Amps (Cooling)	1050/3.9	1050/3.9	1050/3.9	1050/3.9	1050/3.9	1050/3.9
Horsepower	1/2	1/2	1/2	1/2	1/2	1/2
<b>EVAPORATOR COIL</b>						
Face Area (ft <sup>2</sup> )	4.3	4.3	4.3	4.3	4.3	4.3
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
Filter Size (ft <sup>2</sup> )	2.7	3.3	3.4	3.4	4.0	4.0
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	75	75	78	78	62	62
<b>CONDENSER FAN / COIL</b>						
Horsepower - RPM	1/6 - 815	1/6 - 815	1/4 - 1,075	1/4 - 1,075	1/4 - 830	1/4 - 830
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	8.8	8.8
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 / 58.3	13.5 / 58.3	14.1 / 73	14.1 / 73	14.1/77.0	14.1/77.0
<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	3.9	3.9	3.9	3.9	3.9	3.9
Outdoor Fan FLA/LRA	1.1 / 1.7	1.1 / 1.7	1.4 / 2.9	1.4 / 2.9	1.5 / 3.0	1.5 / 3.0
Total Unit Amps	18.5	18.5	19.4	19.4	19.5	19.5
Min. Circuit Ampacity	21.9	21.9	22.9	22.9	23	23
Max. Overcurrent Protection	35 amps	35 amps	35 amps	35 amps	35 amps	35 amps
Entrance Size Power Supply	1½"	1½"	1½"	1½"	1½"	1½"
Entrance Size Control Voltage	¾"	¾"	¾"	¾"	¾"	¾"
<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.

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

	DP14GM36 08041AA	DP14GM42 06041AA	DP14GM42 08041AA	DP14GM48 06041AA	DP14GM48 08041AA	DP14GM48 10041AA
<b>COOLING CAPACITY</b>						
Total BTU/h	34,200	40,000	40,000	46,500	46,500	46,500
Sensible BTU/h	27,000	30,000	30,000	36,800	36,800	36,800
SEER / EER	14.0 / 11.0	14.0 / 11.0	14.0 / 11.0	14.0 / 11.0	14.0 / 11.0	14.0 / 11.0
Decibels	78	78	78	80	80	80
AHRI Reference #s	7505458	7505459	7505459	7505460	7505460	7505460
<b>HEATING CAPACITY</b>						
Input BTU/h	80,000	60,000	80,000	60,000	80,000	100,000
Output BTU/h	64,000	48,000	64,000	48,000	64,000	80,000
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
Orifice Size (Natural/Propane)	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM
<b>EVAPORATOR MOTOR</b>						
Type	EEM	EEM	EEM	EEM	EEM	EEM
Wheel (D x W)	10" x 9"	10" x 9"	10" x 9"	11" x 10"	11" x 10"	11" x 10"
Indoor Nominal CFM	1,200	1,300	1,300	1,525	1,525	1,525
Motor Speed Tap (Cooling)	T4	T4	T4	T4	T4	T4
RPM/Amps (Cooling)	1050/3.9	1050/5.7	1050/5.7	1,050/5.7	1,050/5.7	1,050/5.7
Horsepower	1/2	3/4	3/4	3/4	3/4	3/4
<b>EVAPORATOR COIL</b>						
Face Area (ft <sup>2</sup> )	4.3	4.3	4.3	5.7	5.7	5.7
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	0.078	0.078	0.078
Filter Size (ft <sup>2</sup> )	4.4	4.3	4.4	5.1	5.1	5.1
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	62	88	88	99	99	99
<b>CONDENSER FAN / COIL</b>						
Horsepower - RPM	1/4 - 830	1/4 - 1,075	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	2,250	2,850	2,850	3,300	3,300	3,300
Face Area (ft <sup>2</sup> )	8.8	11.1	11.1	15.4	15.4	15.4
Rows Deep/Fins per Inch	2/27	2/27	2/27	1/24	1/24	1/24
<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	17.9 / 112	19.9/109	19.9/109	19.9/109
<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	3.9	5.7	5.7	5.7	5.7	5.7
Outdoor Fan FLA/LRA	1.5 / 3.0	1.4/ 2.9	1.4/ 2.9	1.4/ 2.9	1.4/ 2.9	1.4/ 2.9
Total Unit Amps	19.5	22.3	22.3	27.0	27.0	27.0
Min. Circuit Ampacity	23	26.8	26.8	32	32	32
Max. Overcurrent Protection	35 amps	40 amps	40 amps	50 amps	50 amps	50 amps
Entrance Size Power Supply	1½"	1½"	1½"	1½"	1½"	1½"
Entrance Size Control Voltage	¾"	¾"	¾"	¾"	¾"	¾"
<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.

	DP14GM60 08041AA	DP14GM60 10041AA	DP14GM60 12041AA	DP14GM61 08041A*	DP14GM61 10041A*	DP14GM61 12041A*
<b>COOLING CAPACITY</b>						
Total BTU/h	57,500	57,500	57,500	57,000	57,000	57,000
Sensible BTU/h	44,000	44,000	44,000	42,000	42,000	42,000
SEER / EER	14.2 / 10.1	14.2 / 10.1	14.2 / 10.1	14.0 / 11	14.0 / 11	14.0 / 11
Decibels	78	78	78	78	78	78
AHRI Reference #s	7505461	7505461	7505461	8321929	8321929	8321929
<b>HEATING CAPACITY</b>						
High-Fire Input / Output	80,000 / 63,000	100,000 / 78,000	120,000 / 94,000	80,000 / 63,000	100,000 / 78,000	120,000 / 94,000
Low-Fire Input / Output	60,000 / 47,000	75,000 / 58,000	90,000 / 71,000	60,000 / 47,000	75,000 / 58,000	90,000 / 71,000
AFUE	81	81	81	81	81	81
Temperature Rise Range	30 - 60	35 - 65	35 - 65	30 - 60	35 - 65	35 - 65
No. of Burners	4	5	6	4	5	6
Orifice Size (Natural/Propane)	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM
<b>EVAPORATOR MOTOR</b>						
Type	EEM	EEM	EEM	EEM	EEM	EEM
Wheel (D x W)	11" x 10"	11" x 10"	11" x 10"	11" x 10"	11" x 10"	11" x 10"
Indoor Nominal CFM	1,810	1,810	1,810	1,750	1,750	1,750
Motor Speed Tap (Cooling)	T3 L / T4 H	T3 L / T4 H	T3 L / T4 H	T3 L / T4 H	T3 L / T4 H	T3 L / T4 H
RPM/Amps (Cooling)	1,050/7.0	1,050/7.0	1,050/7.0	1,050/7.0	1,050/7.0	1,050/7.0
Horsepower	1	1	1	1	1	1
<b>EVAPORATOR COIL</b>						
Face Area (ft <sup>2</sup> )	5.7	5.7	5.7	5.7	5.7	5.7
Rows Deep/Fins per Inch	4/14	4/14	4/14	4/14	4/14	4/14
Piston Size (Cooling)	TXV	TXV	TXV	TXV	TXV	TXV
Filter Size (ft <sup>2</sup> )	6.0	6.0	6.0	6.0	6.0	6.0
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	100	100	100	100	100	100
<b>CONDENSER FAN / COIL</b>						
Horsepower - RPM	1/4 - 1,075	1/4 - 1,075	1/4 - 1,075	1/3 - 1,122	1/3 - 1,122	1/3 - 1,122
Diameter / # of Blades	22" / 3	22" / 3	22" / 3	22" / 3	22" / 3	22" / 3
Outdoor Nominal CFM	3,000	3,000	3,000	3,000	3,000	3,000
Face Area (ft <sup>2</sup> )	11.3	11.3	11.3	14.4	14.4	14.4
Rows Deep/Fins per Inch	2/27	2/27	2/27	2/27	2/27	2/27
<b>COMPRESSOR</b>						
Quantity / Type	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll
Stage	Two	Two	Two	Two	Two	Two
Compressor RLA/LRA	27.1 / 152.9	27.1 / 152.9	27.1 / 152.9	28.8 / 152.9	28.8 / 152.9	28.8 / 152.9
<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	7.0	7.0	7.0	7.0	7.0	7.0
Outdoor Fan FLA/LRA	1.4/ 2.9	1.4/ 2.9	1.4/ 2.9	2.0 / 4.40	2.0 / 4.40	2.0 / 4.40
Total Unit Amps	35.5	35.5	35.5	37.8	37.8	37.8
Min. Circuit Ampacity	42.3	42.3	42.3	35.0	35.0	35.0
Max. Overcurrent Protection	60 amps	60 amps	60 amps	50 amps	50 amps	50 amps
Entrance Size Power Supply	1½"	1½"	1½"	1½"	1½"	1½"
Entrance Size Control Voltage	¾"	¾"	¾"	¾"	¾"	¾"
<b>OPERATING / SHIP WEIGHTS (LBS)</b>	533 / 555	538 / 560	543 / 565	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.

**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.

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	22.7	23.5	25.8	-	21.7	22.4	24.6	-	21.1	21.9	24.0	-	20.1	20.8	22.8	-	20.1	20.8	22.8	-	18.6	19.3	21.1	-
		S/T	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.89	0.74	0.51	-	0.92	0.77	0.53	-	0.92	0.77	0.53	-	0.93	0.77	0.54	-
		ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-
<b>889</b>		kW	1.44	1.47	1.51	-	1.55	1.58	1.64	-	1.65	1.69	1.74	-	1.74	1.78	1.84	-	1.81	1.86	1.92	-	1.88	1.92	1.99	-
		Amps	6.6	6.8	6.9	-	7.1	7.2	7.4	-	7.6	7.7	8.0	-	8.0	8.2	8.4	-	8.5	8.7	8.9	-	8.9	9.1	9.4	-
		HI PR	236	254	269	-	265	286	302	-	302	325	343	-	344	370	391	-	387	416	439	-	427	460	485	-
		LO PR	113	120	131	-	119	127	138	-	124	132	144	-	130	138	151	-	136	145	158	-	141	150	164	-
		MBh	22.0	22.8	25.0	-	21.5	22.3	24.5	-	21.0	21.8	23.9	-	20.5	21.3	23.3	-	19.5	20.2	22.1	-	18.0	18.7	20.5	-
		S/T	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.88	0.73	0.51	-	0.88	0.74	0.51	-
		ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-
<b>792</b>		kW	1.42	1.46	1.50	-	1.54	1.57	1.62	-	1.64	1.67	1.73	-	1.72	1.76	1.82	-	1.80	1.84	1.90	-	1.86	1.91	1.97	-
		Amps	6.6	6.7	6.9	-	7.0	7.2	7.4	-	7.5	7.7	7.9	-	8.0	8.1	8.4	-	8.4	8.6	8.8	-	8.8	9.0	9.3	-
		HI PR	234	252	266	-	263	283	299	-	299	322	340	-	340	366	387	-	383	412	435	-	423	455	481	-
		LO PR	111	119	129	-	118	125	137	-	122	130	142	-	129	137	149	-	135	143	157	-	139	148	162	-
		MBh	20.3	21.1	23.1	-	19.9	20.6	22.6	-	19.4	20.1	22.0	-	18.9	19.6	21.5	-	18.0	18.6	20.4	-	16.7	17.3	18.9	-
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-
		ΔT	20	17	13	-	20	18	13	-	20	18	13	-	20	18	13	-	20	17	13	-	19	16	12	-
<b>694</b>		kW	1.39	1.42	1.47	-	1.50	1.53	1.58	-	1.60	1.63	1.69	-	1.68	1.72	1.78	-	1.75	1.79	1.85	-	1.82	1.86	1.92	-
		Amps	6.4	6.6	6.7	-	6.9	7.0	7.2	-	7.4	7.5	7.7	-	7.8	7.9	8.2	-	8.2	8.4	8.6	-	8.6	8.8	9.1	-
		HI PR	227	244	258	-	255	274	290	-	290	312	329	-	330	355	375	-	371	400	422	-	410	442	466	-
		LO PR	108	115	126	-	114	122	133	-	119	126	138	-	125	133	145	-	131	139	152	-	135	144	157	-

		MBh	23.1	23.8	25.7	27.6	22.6	23.2	25.1	27.0	22.0	22.7	24.5	26.3	21.5	22.1	23.9	25.7	20.4	21.0	22.7	24.4	18.9	19.5	21.1	22.6
		S/T	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.87	0.66	0.43	1.00	0.90	0.68	0.44	1.00	0.94	0.71	0.46	1.00	0.94	0.71	0.46
		ΔT	22	20	17	11	22	20	17	12	22	20	17	12	22	21	17	12	23	21	17	12	21	20	17	11
<b>889</b>		kW	1.45	1.48	1.53	1.58	1.56	1.60	1.65	1.71	1.66	1.70	1.76	1.82	1.75	1.79	1.85	1.92	1.83	1.87	1.94	2.00	1.90	1.94	2.01	2.08
		Amps	6.7	6.8	7.0	7.2	7.1	7.3	7.5	7.7	7.7	7.8	8.0	8.3	8.1	8.3	8.5	8.8	8.5	8.7	9.0	9.3	9.0	9.2	9.5	9.8
		HI PR	239	257	271	283	268	288	305	318	305	328	346	361	347	374	395	412	391	420	444	463	432	464	490	512
		LO PR	114	121	132	141	120	128	140	149	125	133	145	154	131	140	152	162	138	146	160	170	142	151	165	176
		MBh	22.4	23.1	25.0	26.8	21.9	22.5	24.4	26.2	21.4	22.0	23.8	25.6	20.9	21.5	23.2	24.9	19.8	20.4	22.1	23.7	18.4	18.9	20.5	22.0
		S/T	0.88	0.78	0.59	0.38	0.91	0.81	0.61	0.40	0.93	0.83	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.89	0.68	0.43	1.00	0.90	0.68	0.44
		ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	18	12	23	21	17	12	21	20	16	11
<b>792</b>		kW	1.44	1.47	1.52	1.57	1.55	1.58	1.64	1.69	1.65	1.69	1.74	1.80	1.74	1.78	1.84	1.90	1.82	1.86	1.92	1.99	1.88	1.92	1.99	2.06
		Amps	6.6	6.8	6.9	7.2	7.1	7.2	7.4	7.7	7.6	7.7	8.0	8.2	8.0	8.2	8.4	8.7	8.5	8.7	8.9	9.2	8.9	9.1	9.4	9.7
		HI PR	237	255	269	280	265	286	302	315	302	325	343	358	344	370	391	407	387	416	439	458	427	460	486	506
		LO PR	113	120	131	139	119	127	138	147	124	132	144	153	130	138	151	161	136	145	158	168	141	150	164	174
		MBh	20.7	21.3	23.1	24.8	20.2	20.8	22.5	24.2	19.7	20.3	22.0	23.6	19.2	19.8	21.5	23.0	18.3	18.8	20.4	21.9	16.9	17.4	18.9	20.3
		S/T	0.84	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42
		ΔT	23	21	17	12	23	22	18	12	23	22	18	12	24	22	18	12	23	21	18	12	22	20	16	11
<b>694</b>		kW	1.40	1.43	1.48	1.53	1.51	1.54	1.60	1.65	1.61	1.65	1.70	1.76	1.70	1.73	1.79	1.85	1.77	1.81	1.87	1.93	1.83	1.87	1.94	2.00
		Amps	6.5	6.6	6.8	7.0	6.9	7.1	7.3	7.5	7.4	7.6	7.8	8.0	7.8	8.0	8.2	8.5	8.3	8.5	8.7	9.0	8.7	8.9	9.1	9.5
		HI PR	229	247	261	272	257	277	293	305	293	315	333	347	333	359	379	395	375	404	426	445	414	446	471	491
		LO PR	109	116	127	135	115	123	134	143	120	128	139	148	126	134	146	156	132	140	153	163	137	145	159	169

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											
		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												
<b>1164</b>		29.7	30.8	33.7	-	29.0	30.1	32.9	-	28.3	29.4	32.2	-	27.6	28.6	31.4	-	26.3	27.2	29.8	-	24.3	25.2	27.6													
S/T		0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.73	0.51	-	0.91	0.76	0.53	-	0.92	0.77	0.53													
ΔT		19	16	12	-	19	16	12	-	19	16	13	-	19	17	13	-	19	16	12	-	18	15	12													
kW		1.98	2.03	2.09	-	2.13	2.18	2.25	-	2.26	2.31	2.39	-	2.38	2.43	2.51	-	2.48	2.53	2.61	-	2.56	2.62	2.71													
Amps		8.2	8.4	8.6	-	8.8	9.0	9.2	-	9.5	9.7	9.9	-	10.0	10.2	10.6	-	10.6	10.8	11.2	-	11.2	11.4	11.8													
HI PR		245	263	278	-	275	295	312	-	312	336	355	-	356	383	404	-	400	431	455	-	442	476	502													
LO PR		111	118	129	-	117	124	136	-	122	129	141	-	128	136	148	-	134	142	155	-	138	147	161													
<b>80</b>		28.8	29.9	32.8	-	28.2	29.2	32.0	-	27.5	28.5	31.2	-	26.8	27.8	30.5	-	25.5	26.4	28.9	-	23.6	24.5	26.8													
S/T		0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51													
ΔT		20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12													
kW		1.97	2.01	2.07	-	2.12	2.16	2.23	-	2.25	2.29	2.37	-	2.36	2.41	2.49	-	2.46	2.51	2.59	-	2.54	2.60	2.68													
Amps		8.2	8.3	8.6	-	8.7	8.9	9.2	-	9.4	9.6	9.9	-	9.9	10.2	10.5	-	10.5	10.7	11.1	-	11.1	11.3	11.7													
HI PR		242	261	275	-	272	293	309	-	309	333	351	-	352	379	400	-	396	426	450	-	438	471	497													
LO PR		110	117	127	-	116	123	135	-	120	128	140	-	126	135	147	-	133	141	154	-	137	146	159													
<b>910</b>		26.6	27.6	30.2	-	26.0	26.9	29.5	-	25.4	26.3	28.8	-	24.8	25.7	28.1	-	23.5	24.4	26.7	-	21.8	22.6	24.7													
S/T		0.74	0.61	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.48	-	0.85	0.71	0.49													
ΔT		20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12													
kW		1.92	1.96	2.02	-	2.07	2.11	2.17	-	2.19	2.24	2.31	-	2.30	2.35	2.43	-	2.40	2.45	2.53	-	2.48	2.53	2.62													
Amps		8.0	8.1	8.4	-	8.5	8.7	8.9	-	9.2	9.3	9.6	-	9.7	9.9	10.2	-	10.3	10.5	10.8	-	10.8	11.0	11.4													
HI PR		235	253	267	-	264	284	300	-	300	323	341	-	342	368	388	-	384	414	437	-	425	457	482													
LO PR		106	113	124	-	112	120	130	-	117	124	136	-	123	130	142	-	129	137	149	-	133	141	154													

IDB		Outdoor Ambient Temperature												105												115											
		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												
<b>1164</b>		30.2	31.1	33.7	36.1	29.5	30.4	32.9	35.3	28.8	29.7	32.1	34.5	28.1	<b>28.9</b>	31.3	33.6	26.7	27.5	29.8	31.9	24.7	25.5	27.6													
S/T		0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.65	0.42	1.00	<b>0.89</b>	0.68	0.43	1.00	0.93	0.70	0.45	1.00	0.93	0.71													
ΔT		22	20	16	11	22	20	17	11	22	20	17	11	22	<b>20</b>	17	12	21	20	16	11	20	19	15													
kW		2.00	2.04	2.10	2.17	2.15	2.20	2.26	2.34	2.28	2.33	2.41	2.48	2.40	<b>2.45</b>	2.53	2.61	2.50	2.55	2.64	2.72	2.58	2.64	2.73													
Amps		8.3	8.5	8.7	9.0	8.9	9.0	9.3	9.6	9.5	9.7	10.0	10.4	10.1	<b>10.3</b>	10.6	11.0	10.7	10.9	11.3	11.6	11.3	11.5	11.9													
HI PR		247	266	281	293	277	298	315	329	315	339	358	374	359	<b>387</b>	408	426	404	435	459	479	447	481	507													
LO PR		112	119	130	138	118	126	137	146	123	131	143	152	129	<b>137</b>	150	160	135	144	157	167	140	149	162													
<b>85</b>		29.3	30.2	32.7	35.1	28.6	29.5	31.9	34.3	28.0	28.8	31.2	33.4	27.3	<b>28.1</b>	30.4	32.6	25.9	26.7	28.9	31.0	24.0	24.7	26.8													
S/T		0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.83	0.62	0.40	0.95	<b>0.85</b>	0.64	0.41	0.99	0.88	0.67	0.43	1.00	0.89	0.67													
ΔT		23	21	17	12	23	21	17	12	23	21	17	12	23	<b>21</b>	17	12	23	21	17	12	21	20	16													
kW		1.98	2.03	2.09	2.15	2.13	2.18	2.25	2.32	2.26	2.31	2.39	2.46	2.38	<b>2.43</b>	2.51	2.59	2.48	2.53	2.62	2.70	2.56	2.62	2.71													
Amps		8.2	8.4	8.6	8.9	8.8	9.0	9.2	9.5	9.5	9.7	9.9	10.3	10.0	<b>10.2</b>	10.6	10.9	10.6	10.8	11.2	11.5	11.2	11.4	11.8													
HI PR		245	263	278	290	275	296	312	325	312	336	355	370	356	<b>383</b>	404	422	400	431	455	474	442	476	502													
LO PR		111	118	129	137	117	124	136	145	122	129	141	150	128	<b>136</b>	148	158	134	142	155	166	138	147	161													
<b>910</b>		27.1	27.9	30.2	32.4	26.4	27.2	29.5	31.6	25.8	26.6	28.8	30.9	25.2	<b>25.9</b>	28.1	30.1	23.9	24.6	26.7	28.6	22.2	22.8	24.7													
S/T		0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	<b>0.82</b>	0.62	0.40	0.95	0.85	0.65	0.41	0.96	0.86	0.65													
ΔT		23	21	17	12	23	21	17	12	23	21	18	12	23	<b>22</b>	18	12	23	21	17	12	22	20	16													
kW		1.94	1.98	2.04	2.10	2.08	2.13	2.19	2.26	2.21	2.26	2.33	2.40	2.32	<b>2.37</b>	2.45	2.53	2.42	2.47	2.55	2.63	2.50	2.56	2.64													
Amps		8.0	8.2	8.4	8.7	8.6	8.8	9.0	9.3	9.2	9.4	9.7	10.0	9.8	<b>10.0</b>	10.3	10.6	10.3	10.6	10.9	11.3	10.9	11.1	11.5													
HI PR		237	255	270	281	266	287	303	316	303	326	344	359	345	<b>371</b>	392	409	388	418	441	460	429	462	487													
LO PR		107	114	125	133	113	121	132	140	118	125	137	146	124	<b>132</b>	144	153	130	138	151	161	134	143	156													

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 Shaded area reflects ACCA (TVA) conditions.  
 Amps: Unit amps (comp.+ evaporator + condenser fan motors)  
 kW = Total system power



IDB		Outdoor Ambient Temperature														105														115																																																																							
		85							95							105							115																																																																														
		59	63	67	71	75	79	83	59	63	67	71	75	79	83	59	63	67	71	75	79	83	59	63	67	71	75	79	83																																																																								
<b>1164</b>		30.7	31.4	33.6	35.9	30.0	30.7	32.8	35.0	29.3	30.0	32.0	34.2	28.6	29.2	31.2	33.4	27.2	27.8	29.7	31.7	25.2	25.7	27.5	29.4	1.00	0.94	0.76	0.57	1.00	1.00	0.81	0.61	1.00	1.00	0.84	0.62	1.00	1.00	0.87	0.65	1.00	1.00	0.87	0.65	20	20	19	15																																																				
<b>1037</b>		2.02	2.06	2.12	2.19	2.17	2.21	2.28	2.36	2.30	2.35	2.43	2.50	2.42	2.47	2.55	2.64	2.52	2.58	2.66	2.75	2.61	2.66	2.75	2.84	8.3	8.5	8.8	9.0	8.9	9.1	9.4	9.7	9.6	9.8	10.1	10.4	10.2	10.4	10.7	11.1	10.8	11.0	11.4	11.7	11.4	11.6	12.0	12.4	250	269	284	296	280	301	318	332	319	343	362	378	363	391	412	430	408	439	464	484	451	485	513	535																												
<b>910</b>		113	120	131	140	119	127	139	148	124	132	144	153	130	139	151	161	137	145	159	169	141	150	164	175	29.9	30.5	32.6	34.8	29.2	29.8	31.8	34.0	28.5	29.1	31.1	33.2	27.8	28.4	<b>30.3</b>	32.4	26.4	27.0	28.8	30.8	24.4	25.0	26.7	28.5	0.95	0.89	0.73	0.54	0.99	0.93	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	<b>0.80</b>	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62	22	22	20	16																								
<b>80</b>		2.00	2.04	2.10	2.17	2.15	2.20	2.26	2.34	2.28	2.33	2.41	2.48	2.40	2.45	<b>2.53</b>	2.61	2.50	2.55	2.64	2.72	2.59	2.64	2.73	2.82	8.3	8.5	8.7	9.0	8.9	9.0	9.3	9.6	9.5	9.7	10.0	10.4	10.1	10.3	<b>10.6</b>	11.0	10.7	10.9	11.3	11.6	11.3	11.5	11.9	12.3	247	266	281	293	277	299	315	329	315	339	358	374	359	387	<b>408</b>	426	404	435	459	479	447	481	508	529																												
<b>910</b>		112	119	130	138	118	126	137	146	123	131	143	152	129	137	<b>150</b>	160	135	144	157	167	140	149	162	173	27.6	28.2	30.1	32.2	26.9	27.5	29.4	31.4	26.3	26.8	28.7	30.7	25.6	26.2	28.0	29.9	24.3	24.9	26.6	28.4	22.6	23.0	24.6	26.3	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.91	0.74	0.56	1.01	0.94	<b>0.77</b>	0.57	1.05	0.98	0.80	0.60	1.05	0.99	0.80	0.60	24	24	23	17																								
<b>85</b>		1.95	1.99	2.05	2.12	2.10	2.14	2.21	2.28	2.23	2.28	2.35	2.42	2.34	2.39	2.47	2.55	2.44	2.49	2.57	2.66	2.52	2.58	2.66	2.75	8.1	8.3	8.5	8.8	8.7	8.8	9.1	9.4	9.3	9.5	9.8	10.1	9.9	10.1	10.4	10.7	10.4	10.7	11.0	11.3	11.0	11.2	11.6	12.0	240	258	272	284	269	290	306	319	306	329	348	363	349	375	396	413	392	422	446	465	433	466	492	513																												
<b>1164</b>		31.3	31.9	33.4	35.6	30.6	31.1	32.6	34.8	29.8	30.4	31.8	34.0	29.1	29.7	31.1	33.1	27.6	28.2	29.5	31.5	25.6	26.1	27.3	29.2	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	0.84	0.65	20	20	20	16																																																
<b>1037</b>		2.02	2.06	2.12	2.19	2.17	2.21	2.28	2.36	2.30	2.35	2.43	2.50	2.42	2.47	2.55	2.64	2.52	2.58	2.66	2.75	2.61	2.66	2.75	2.84	8.3	8.5	8.8	9.0	8.9	9.1	9.4	9.7	9.6	9.8	10.1	10.4	10.2	10.4	10.7	11.1	10.8	11.0	11.4	11.7	11.4	11.6	12.0	12.4	250	269	284	296	280	301	318	332	319	343	362	378	363	391	412	430	408	439	464	484	451	485	513	535																												
<b>910</b>		113	120	131	140	119	127	139	148	124	132	144	153	130	139	151	161	137	145	159	169	141	150	164	175	28.0	28.6	29.9	31.9	27.4	27.9	29.2	31.2	26.7	27.2	28.5	30.4	26.1	26.6	27.8	29.7	24.8	25.3	26.4	28.2	22.9	23.4	24.5	26.1	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78	23	24	24	21																								
<b>85</b>		1.97	2.01	2.07	2.14	2.12	2.16	2.23	2.30	2.25	2.29	2.37	2.44	2.36	2.41	2.49	2.57	2.46	2.51	2.59	2.68	2.54	2.60	2.68	2.77	8.2	8.3	8.6	8.8	8.7	8.9	9.2	9.5	9.4	9.6	9.9	10.2	9.9	10.2	10.5	10.8	10.5	10.7	11.1	11.4	11.1	11.3	11.7	12.1	12.5	242	261	275	287	272	292	309	322	309	333	351	366	352	379	400	417	396	426	450	469	438	471	497	519																											
<b>910</b>		110	117	127	136	116	123	134	143	120	128	140	149	126	134	147	156	132	141	154	164	137	146	158	168	110	117	127	136	116	123	134	143	120	128	140	149	126	134	147	156	132	141	154	164	137	146	158	168	25.6	26.1	27.3	29.2	24.9	25.3	26.5	28.3	24.9	25.3	26.5	28.3	24.9	25.3	26.5	28.3	24.9	25.3	26.4	28.2	22.9	23.4	24.5	26.1	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	0.84	0.65	20	20	20	16

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												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								
		Entering Indoor Wet Bulb Temperature																																			
<b>70</b>	MBh	34.8	36.1	39.5	-	34.0	35.2	38.6	-	33.2	34.4	37.7	-	32.4	33.6	36.8	-	30.8	31.9	34.9	-	28.5	29.5	32.4	-												
	S/T	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.84	0.70	0.49	-	0.87	0.73	0.50	-	0.90	0.75	0.52	-	0.91	0.76	0.53	-												
	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-												
	kW	2.39	2.44	2.51	-	2.57	2.63	2.71	-	2.73	2.79	2.88	-	2.87	2.94	3.03	-	2.99	3.06	3.16	-	3.10	3.17	3.27	-												
	Amps	10.0	10.2	10.5	-	10.7	10.9	11.2	-	11.5	11.7	12.1	-	12.2	12.5	12.8	-	12.9	13.2	13.6	-	13.6	13.9	14.3	-												
	HI PR	249	268	283	-	280	301	318	-	318	342	361	-	362	390	412	-	407	438	463	-	450	484	512	-												
	LO PR	111	119	129	-	118	125	137	-	122	130	142	-	129	137	149	-	135	143	157	-	139	148	162	-												
	MBh	33.8	35.0	38.4	-	33.0	34.2	37.5	-	32.2	33.4	36.6	-	31.4	32.6	35.7	-	29.9	31.0	33.9	-	27.7	28.7	31.4	-												
	S/T	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.87	0.72	0.50	-												
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-												
kW	2.37	2.42	2.49	-	2.55	2.60	2.69	-	2.71	2.77	2.86	-	2.85	2.91	3.01	-	2.97	3.03	3.13	-	3.07	3.14	3.24	-													
Amps	9.9	10.1	10.4	-	10.6	10.8	11.1	-	11.4	11.6	12.0	-	12.1	12.4	12.7	-	12.8	13.1	13.5	-	13.5	13.8	14.2	-													
HI PR	247	265	280	-	277	298	315	-	315	339	358	-	359	386	407	-	403	434	458	-	446	480	507	-													
LO PR	110	117	128	-	117	124	135	-	121	129	141	-	127	135	148	-	133	142	155	-	138	147	160	-													
MBh	31.2	32.3	35.4	-	30.5	31.6	34.6	-	29.7	30.8	33.8	-	29.0	30.1	33.0	-	27.6	28.6	31.3	-	25.5	26.5	29.0	-													
S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-													
ΔT	20	17	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-													
kW	2.31	2.36	2.43	-	2.49	2.54	2.62	-	2.64	2.70	2.79	-	2.78	2.84	2.93	-	2.90	2.96	3.06	-	3.00	3.06	3.16	-													
Amps	9.7	9.9	10.1	-	10.3	10.6	10.9	-	11.1	11.4	11.7	-	11.8	12.1	12.4	-	12.5	12.7	13.1	-	13.1	13.4	13.8	-													
HI PR	239	258	272	-	269	289	305	-	305	329	347	-	348	374	395	-	391	421	445	-	432	465	491	-													
LO PR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	143	-	129	138	150	-	134	142	155	-													

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								
		Entering Indoor Wet Bulb Temperature																																			
<b>75</b>	MBh	35.4	36.4	39.5	42.3	34.6	35.6	38.5	41.4	33.8	34.8	37.6	40.4	32.9	<b>33.9</b>	36.7	39.4	31.3	32.2	34.9	37.4	29.0	29.8	32.3	34.7												
	S/T	0.90	0.81	0.61	0.39	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	0.99	<b>0.88</b>	0.67	0.43	1.00	0.92	0.69	0.45	0.99	0.88	0.67	0.43												
	ΔT	22	20	17	11	22	21	17	12	22	21	17	12	23	<b>21</b>	17	12	22	20	17	12	22	20	16	11												
	kW	2.41	2.46	2.53	2.62	2.59	2.65	2.73	2.82	2.75	2.81	2.90	3.00	2.90	<b>2.96</b>	3.06	3.16	3.02	3.09	3.19	3.30	3.12	3.19	3.30	3.41												
	Amps	10.1	10.3	10.6	10.9	10.8	11.0	11.3	11.7	11.6	11.8	12.2	12.6	12.3	<b>12.6</b>	12.9	13.4	13.0	13.3	13.7	14.2	13.7	14.0	14.4	14.9												
	HI PR	252	271	286	298	282	304	321	335	321	346	365	381	366	<b>394</b>	416	434	412	443	468	488	455	489	517	539												
	LO PR	113	120	131	139	119	127	138	147	124	132	144	153	130	<b>138</b>	151	161	136	145	158	168	141	150	164	174												
	MBh	34.4	35.4	38.3	41.1	33.6	34.6	37.4	40.2	32.8	33.7	36.5	39.2	32.0	<b>32.9</b>	35.6	38.2	30.4	31.3	33.8	36.3	28.1	29.0	31.4	33.7												
	S/T	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.91	0.82	0.62	0.40	0.94	<b>0.84</b>	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.88	0.67	0.43												
	ΔT	23	21	17	12	23	21	18	12	23	21	18	12	23	<b>22</b>	18	12	23	21	17	12	22	20	16	11												
kW	2.39	2.44	2.51	2.59	2.57	2.63	2.71	2.80	2.73	2.79	2.88	2.98	2.87	<b>2.94</b>	3.03	3.13	2.99	3.06	3.16	3.27	3.10	3.17	3.27	3.38													
Amps	10.0	10.2	10.5	10.8	10.7	10.9	11.2	11.6	11.5	11.7	12.1	12.5	12.2	<b>12.5</b>	12.8	13.3	12.9	13.2	13.6	14.1	13.6	13.9	14.3	14.8													
HI PR	249	268	283	295	280	301	318	331	318	342	361	377	362	<b>390</b>	412	429	408	439	463	483	450	485	512	534													
LO PR	112	119	130	138	118	125	137	146	122	130	142	151	129	<b>137</b>	149	159	135	143	157	167	139	148	162	172													
MBh	31.7	32.7	35.4	37.9	31.0	31.9	34.5	37.1	30.2	31.1	33.7	36.2	29.5	<b>30.4</b>	32.9	35.3	28.0	28.9	31.2	33.5	26.0	26.7	28.9	31.1													
S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	<b>0.81</b>	0.62	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41													
ΔT	23	21	18	12	24	22	18	12	24	22	18	12	24	<b>22</b>	18	12	23	22	18	12	22	20	17	11													
kW	2.33	2.38	2.45	2.53	2.51	2.56	2.64	2.73	2.66	2.72	2.81	2.90	2.80	<b>2.86</b>	2.96	3.05	2.92	2.98	3.08	3.18	3.02	3.09	3.19	3.30													
Amps	9.7	9.9	10.2	10.6	10.4	10.6	11.0	11.3	11.2	11.5	11.8	12.2	11.9	<b>12.2</b>	12.5	12.9	12.6	12.9	13.2	13.7	13.2	13.5	14.0	14.4													
HI PR	242	260	275	287	271	292	308	322	309	332	351	366	351	<b>378</b>	399	416	395	425	449	469	437	470	496	518													
LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125	<b>133</b>	145	154	131	139	152	162	135	144	157	167													

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

IDB	Airflow	75												85												95												105												115																							
		Entering Indoor Dry Bulb Temperature												Entering Indoor Wet Bulb Temperature												Entering Indoor Dry Bulb Temperature												Entering Indoor Wet Bulb Temperature												Entering Indoor Dry Bulb Temperature												Entering Indoor Wet Bulb Temperature											
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																																
80	MBh	36.0	36.8	39.3	42.0	35.2	36.0	38.4	41.1	34.4	35.1	37.5	40.1	33.5	34.2	36.6	39.1	31.8	32.5	34.8	37.2	29.5	30.1	32.2	34.4	29.5	30.1	32.2	34.4	29.5	30.1	32.2	34.4	29.5	30.1	32.2	34.4	29.5	30.1	32.2	34.4																																
	S/T	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.86	0.64	1.00	1.00	0.87	0.65	1.00	1.00	0.86	0.64	1.00	1.00	0.86	0.64	1.00	1.00	0.86	0.64	1.00	1.00	0.86	0.64																																
	ΔT	25	24	21	16	24	24	21	17	24	24	21	17	23	24	21	17	22	23	21	17	20	21	19	15	20	21	19	15	20	21	19	15	20	21	19	15	20	21	19	15																																
	KW	2.43	2.48	2.56	2.64	2.61	2.67	2.75	2.84	2.78	2.84	2.93	3.03	2.92	2.99	3.08	3.19	3.04	3.11	3.21	3.32	3.15	3.22	3.33	3.44	3.15	3.22	3.33	3.44	3.15	3.22	3.33	3.44	3.15	3.22	3.33	3.44	3.15	3.22	3.33	3.44																																
	Amps	10.1	10.3	10.6	11.0	10.9	11.1	11.4	11.8	11.7	11.9	12.3	12.7	12.4	12.7	13.1	13.5	13.1	13.4	13.8	14.3	13.8	14.1	14.6	15.1	13.8	14.1	14.6	15.1	13.8	14.1	14.6	15.1	13.8	14.1	14.6	15.1	13.8	14.1	14.6	15.1																																
	HI PR	254	274	289	301	285	307	324	338	324	349	369	385	370	398	420	438	416	447	472	493	459	494	522	544	459	494	522	544	459	494	522	544	459	494	522	544	459	494	522	544																																
	LO PR	114	121	132	141	120	128	140	149	125	133	145	155	131	140	152	162	138	146	160	170	142	151	165	176	142	151	165	176	142	151	165	176	142	151	165	176	142	151	165	176																																
	MBh	35.0	35.7	38.2	40.8	34.2	34.9	37.3	39.9	33.4	34.1	36.4	38.9	32.5	33.2	35.5	38.0	30.9	31.6	33.7	36.1	28.6	29.3	31.3	33.4	28.6	29.3	31.3	33.4	28.6	29.3	31.3	33.4	28.6	29.3	31.3	33.4	28.6	29.3	31.3	33.4																																
	S/T	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.61																																				
	ΔT	26	25	21	17	26	25	22	17	26	25	22	17	25	25	22	17	24	25	21	17	22	23	20	16	22	23	20	16	22	23	20	16	22	23	20	16																																				
	KW	2.41	2.46	2.53	2.62	2.59	2.65	2.73	2.82	2.75	2.81	2.90	3.00	2.90	2.96	3.06	3.16	3.02	3.09	3.19	3.30	3.12	3.19	3.30	3.41	3.12	3.19	3.30	3.41	3.12	3.19	3.30	3.41	3.12	3.19	3.30	3.41																																				
Amps	10.1	10.3	10.6	10.9	10.8	11.0	11.3	11.7	11.6	11.8	12.2	12.6	12.3	12.6	12.9	13.4	13.0	13.3	13.7	14.2	13.7	14.0	14.4	14.9	13.7	14.0	14.4	14.9	13.7	14.0	14.4	14.9	13.7	14.0	14.4	14.9																																					
HI PR	252	271	286	298	282	304	321	335	321	346	365	381	366	394	416	434	412	443	468	488	455	489	517	539	455	489	517	539	455	489	517	539	455	489	517	539																																					
LO PR	113	120	131	139	119	127	138	147	124	132	144	153	130	138	151	161	136	145	158	168	141	150	164	174	141	150	164	174	141	150	164	174	141	150	164	174																																					
MBh	32.3	33.0	35.2	37.7	31.5	32.2	34.4	36.8	30.8	31.5	33.6	35.9	30.0	30.7	32.8	35.0	28.5	29.2	31.1	33.3	26.4	27.0	28.9	30.8	26.4	27.0	28.9	30.8	26.4	27.0	28.9	30.8	26.4	27.0	28.9	30.8																																					
S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.03	0.97	0.79	0.59	1.04	0.98	0.80	0.60	1.04	0.98	0.80	0.60	1.04	0.98	0.80	0.60	1.04	0.98	0.80	0.60																																					
ΔT	26	25	22	17	26	25	22	18	26	25	22	18	27	25	22	18	26	25	22	17	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16																																					
KW	2.35	2.40	2.47	2.55	2.53	2.58	2.66	2.75	2.69	2.74	2.83	2.93	2.83	2.89	2.98	3.08	2.94	3.01	3.11	3.21	3.05	3.11	3.22	3.32	3.05	3.11	3.22	3.32	3.05	3.11	3.22	3.32	3.05	3.11	3.22	3.32																																					
Amps	9.8	10.0	10.3	10.6	10.5	10.7	11.0	11.4	11.3	11.5	11.9	12.3	12.0	12.3	12.6	13.1	12.7	13.0	13.4	13.8	13.4	13.7	14.1	14.6	13.4	13.7	14.1	14.6	13.4	13.7	14.1	14.6	13.4	13.7	14.1	14.6																																					
HI PR	244	263	277	289	274	295	311	325	312	335	354	369	355	382	403	421	399	430	454	473	441	475	501	523	441	475	501	523	441	475	501	523	441	475	501	523																																					
LO PR	109	116	127	135	115	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169	137	145	159	169	137	145	159	169																																									
85	MBh	36.7	37.4	39.1	41.8	35.8	36.5	38.2	40.8	35.0	35.6	37.3	39.8	34.1	34.8	36.4	38.8	32.4	33.0	34.6	36.9	30.0	30.6	32.0	34.2	30.0	30.6	32.0	34.2	30.0	30.6	32.0	34.2	30.0	30.6	32.0	34.2																																				
	S/T	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.96	0.78	1.00	1.00	0.99	0.80	1.00	1.00	0.90	0.83	1.00	1.00	0.90	0.84	1.00	1.00	0.90	0.84	1.00	1.00	0.90	0.84																																								
	ΔT	25	26	24	21	25	25	25	21	24	25	25	21	24	24	25	22	22	23	24	21	21	21	22	20	21	21	22	20	21	21	22	20																																								
	KW	2.45	2.50	2.58	2.66	2.63	2.69	2.78	2.87	2.80	2.86	2.95	3.05	2.95	3.01	3.11	3.21	3.07	3.14	3.24	3.35	3.18	3.25	3.36	3.47	3.18	3.25	3.36	3.47	3.18	3.25	3.36	3.47																																								
	Amps	10.2	10.4	10.7	11.1	10.9	11.2	11.5	11.9	11.8	12.0	12.4	12.8	12.5	12.8	13.2	13.6	13.2	13.5	13.9	14.4	13.9	14.3	14.7	15.2	13.9	14.3	14.7	15.2	13.9	14.3	14.7	15.2																																								
	HI PR	257	276	292	304	288	310	327	342	328	353	372	388	373	402	424	442	420	452	477	498	464	499	527	550	464	499	527	550	464	499	527	550																																								
	LO PR	115	122	133	142	121	129	141	150	126	134	147	156	133	141	154	164	139	148	161	172	144	153	167	178	144	153	167	178	144	153	167	178																																								
	MBh	35.6	36.3	38.0	40.5	34.8	35.4	37.1	39.6	33.9	34.6	36.2	38.7	33.1	33.7	35.3	37.7	31.5	32.1	33.6	35.8	29.1	29.7	31.1	33.2	29.1	29.7	31.1	33.2	29.1	29.7	31.1	33.2																																								
	S/T	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.98	0.79	1.00	1.00	0.99	0.80	1.00	1.00	0.99	0.80																																												
	ΔT	27	27	25	22	27	27	26	22	26	27	26	22	26	26	26	22	24	25	26	22	23	23	24	21	23	23	24	21																																												
	KW	2.43	2.48	2.56	2.64	2.61	2.67	2.75	2.84	2.78	2.84	2.93	3.03	2.92	2.99	3.08	3.19	3.04	3.11	3.21	3.32	3.15	3.22	3.33	3.44	3.15	3.22	3.33	3.44																																												
Amps	10.1	10.3	10.6	11.0	10.9	11.1	11.4	11.8	11.7	11.9	12.3	12.7	12.4	12.7	13.1	13.5	13.1	13.4	13.8	14.3	13.8	14.1	14.6	15.1	13.8	14.1	14.6	15.1																																													
HI PR	254	274	289	301	285	307	324	338	324	349	369	385	370	398	420	438	416	447	472	493	459	494	522	544	459	494	522	544																																													
LO PR	114	121	132	141	120	128	140	149	125	133	145	155	131	140	152	162	138	146	160	170	142	151	165	176	142	151	165	176																																													
MBh	32.8	33.5	35.1	37.4	32.1	32.7	34.3	36.5	31.3	31.9	33.4	35.7	30.6	31.1	32.6	34.8	29.0	29.6	31.0	33.1	26.9	27.4	28.7	30.6	26.9	27.4	28.7	30.6																																													
S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77	1.00	1.00	0.95	0.77																																													
ΔT	28	27	26	22	28	28	26	23	28	28	26	23	27	28	26	23	26	26	26	22	24	24	24	21	24																																																

IDB		Outdoor Ambient Temperature																			
		85					95					105					115				
		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
<b>70</b>	MBh	40.0	41.4	45.4	-	-	38.1	39.5	43.3	-	-	37.2	38.5	42.2	-	-	35.3	36.6	40.1	-	-
	S/T	0.75	0.63	0.44	-	-	0.80	0.67	0.46	-	-	0.83	0.69	0.48	-	-	0.86	0.72	0.50	-	-
	ΔT	19	17	13	-	-	19	17	13	-	-	20	17	13	-	-	19	17	13	-	-
	kW	2.68	2.73	2.82	-	-	3.05	3.12	3.21	-	-	3.21	3.27	3.38	-	-	3.34	3.41	3.52	-	-
	Amps	12.9	13.1	13.4	-	-	14.6	14.9	15.2	-	-	15.4	15.7	16.1	-	-	16.1	16.5	16.9	-	-
	HI PR	236	254	269	-	-	302	325	343	-	-	343	370	390	-	-	386	416	439	-	-
	LO PR	107	113	124	-	-	117	124	136	-	-	123	131	143	-	-	129	137	150	-	-
	MBh	38.8	40.2	44.1	-	-	37.0	38.3	42.0	-	-	36.1	37.4	41.0	-	-	34.3	35.5	38.9	-	-
	S/T	0.72	0.60	0.42	-	-	0.76	0.64	0.44	-	-	0.79	0.66	0.46	-	-	0.82	0.68	0.47	-	-
	ΔT	20	17	13	-	-	20	17	13	-	-	20	18	13	-	-	20	17	13	-	-
kW	2.66	2.71	2.79	-	-	2.85	2.91	3.00	-	-	3.18	3.25	3.35	-	-	3.31	3.38	3.49	-	-	
Amps	12.8	13.0	13.4	-	-	13.6	13.8	14.2	-	-	15.3	15.5	16.0	-	-	16.0	16.3	16.8	-	-	
HI PR	234	252	266	-	-	299	321	339	-	-	340	366	386	-	-	383	412	435	-	-	
LO PR	105	112	123	-	-	116	123	135	-	-	122	129	141	-	-	128	136	148	-	-	
MBh	35.8	37.1	40.7	-	-	34.1	35.4	38.8	-	-	33.3	34.5	37.8	-	-	31.6	32.8	35.9	-	-	
S/T	0.69	0.58	0.40	-	-	0.74	0.61	0.43	-	-	0.76	0.63	0.44	-	-	0.79	0.66	0.46	-	-	
ΔT	20	17	13	-	-	20	18	13	-	-	21	18	14	-	-	20	18	13	-	-	
kW	2.60	2.65	2.73	-	-	2.79	2.84	2.93	-	-	3.10	3.17	3.27	-	-	3.23	3.30	3.40	-	-	
Amps	12.5	12.8	13.1	-	-	13.3	13.5	13.9	-	-	14.9	15.2	15.6	-	-	15.7	16.0	16.4	-	-	
HI PR	227	244	258	-	-	255	274	289	-	-	330	355	375	-	-	371	399	422	-	-	
LO PR	102	109	119	-	-	108	115	126	-	-	118	126	137	-	-	124	132	144	-	-	

IDB		Outdoor Ambient Temperature																			
		85					95					105					115				
		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
<b>75</b>	MBh	40.6	41.8	45.3	48.6	-	39.7	40.9	44.2	47.5	-	38.8	39.9	43.2	46.3	-	37.8	38.9	42.1	45.2	-
	S/T	0.86	0.76	0.58	0.37	-	0.89	0.79	0.60	0.39	-	0.91	0.81	0.62	0.40	-	0.94	0.84	0.64	0.41	-
	ΔT	22	20	17	12	-	22	21	17	12	-	22	21	17	12	-	23	21	17	12	-
	kW	2.70	2.75	2.84	2.93	-	2.90	2.96	3.05	3.15	-	3.08	3.14	3.24	3.34	-	3.23	3.30	3.41	3.52	-
	Amps	13.0	13.2	13.5	13.9	-	13.8	14.0	14.4	14.8	-	14.7	15.0	15.4	15.8	-	15.5	15.8	16.2	16.7	-
	HI PR	239	257	271	283	-	268	288	304	317	-	305	328	346	361	-	347	373	394	411	-
	LO PR	108	115	125	133	-	114	121	132	141	-	118	126	137	146	-	124	132	144	154	-
	MBh	39.5	40.6	44.0	47.2	-	38.5	39.7	43.0	46.1	-	37.6	38.7	41.9	45.0	-	36.7	37.8	40.9	43.9	-
	S/T	0.82	0.73	0.55	0.36	-	0.85	0.76	0.57	0.37	-	0.87	0.78	0.59	0.38	-	0.89	0.80	0.61	0.39	-
	ΔT	23	21	17	12	-	23	21	18	12	-	23	21	18	12	-	23	21	17	12	-
kW	2.68	2.73	2.82	2.90	-	2.88	2.94	3.03	3.12	-	3.05	3.12	3.21	3.32	-	3.21	3.28	3.38	3.49	-	
Amps	12.9	13.1	13.4	13.8	-	13.7	13.9	14.3	14.7	-	14.6	14.9	15.2	15.7	-	15.4	15.7	16.1	16.6	-	
HI PR	236	254	269	280	-	265	285	301	314	-	302	325	343	358	-	344	370	390	407	-	
LO PR	107	113	124	132	-	113	120	131	139	-	117	124	136	145	-	123	131	143	152	-	
MBh	36.4	37.5	40.6	43.6	-	35.6	36.6	39.6	42.5	-	34.7	35.8	38.7	41.5	-	33.9	34.9	37.8	40.5	-	
S/T	0.79	0.70	0.53	0.34	-	0.82	0.73	0.55	0.35	-	0.84	0.75	0.57	0.36	-	0.86	0.77	0.58	0.38	-	
ΔT	23	22	18	12	-	24	22	18	12	-	24	22	18	12	-	24	22	18	12	-	
kW	2.62	2.67	2.75	2.84	-	2.81	2.87	2.96	3.05	-	2.98	3.04	3.14	3.24	-	3.13	3.20	3.30	3.40	-	
Amps	12.6	12.9	13.2	13.5	-	13.4	13.6	14.0	14.4	-	14.3	14.5	14.9	15.4	-	15.0	15.3	15.7	16.2	-	
HI PR	229	247	261	272	-	257	277	292	305	-	293	315	332	347	-	333	359	379	395	-	
LO PR	103	110	120	128	-	109	116	127	135	-	114	121	132	140	-	119	127	138	147	-	

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

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

		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	1717	45.9	47.5	52.1	-	44.8	46.4	50.9	-	43.7	45.3	49.7	-	42.7	44.2	48.5	-	40.5	42.0	46.0	-	37.6	38.9	42.6	-	40.5	42.0	46.0	-	37.6	38.9	42.6	-	40.5	42.0	46.0	-	37.6	38.9	42.6	-	40.5	42.0	46.0	-	37.6	38.9	42.6	-	40.5	42.0	46.0	-	37.6	38.9	42.6	-
		S/T	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.73	0.51	-	0.91	0.76	0.53	-	0.92	0.77	0.53	-	0.91	0.76	0.53	-	0.92	0.77	0.53	-	0.91	0.76	0.53	-	0.92	0.77	0.53	-	0.91	0.76	0.53	-	0.92	0.77	0.53	-	0.91	0.76	0.53	-	0.92	0.77	0.53
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	20	17	13	-	18	16	12	-	20	17	13	-	18	16	12	-	20	17	13	-	18	16	12	-	20	17	13	-	18	16	12	-
	kW	3.18	3.25	3.35	-	3.42	3.49	3.60	-	3.63	3.70	3.82	-	3.81	3.89	4.01	-	3.96	4.05	4.18	-	4.10	4.19	4.32	-	3.96	4.05	4.18	-	4.10	4.19	4.32	-	3.96	4.05	4.18	-	4.10	4.19	4.32	-	3.96	4.05	4.18	-	4.10	4.19	4.32	-	3.96	4.05	4.18	-	4.10	4.19	4.32	-
	Amps	15.3	15.5	15.9	-	16.2	16.5	16.9	-	17.3	17.6	18.0	-	18.2	18.5	19.0	-	19.1	19.5	20.0	-	20.0	20.4	21.0	-	19.1	19.5	20.0	-	20.0	20.4	21.0	-	19.1	19.5	20.0	-	20.0	20.4	21.0	-	19.1	19.5	20.0	-	20.0	20.4	21.0	-	19.1	19.5	20.0	-	20.0	20.4	21.0	-
	HI PR	254	273	288	-	285	306	324	-	324	348	368	-	369	397	419	-	415	446	471	-	458	493	521	-	415	446	471	-	458	493	521	-	415	446	471	-	458	493	521	-	415	446	471	-	458	493	521	-	415	446	471	-	458	493	521	-
	LO PR	112	119	130	-	118	126	137	-	123	131	142	-	129	137	150	-	135	144	157	-	140	149	162	-	135	144	157	-	140	149	162	-	135	144	157	-	140	149	162	-	135	144	157	-	140	149	162	-	135	144	157	-	140	149	162	-
	MBh	44.5	46.2	50.6	-	43.5	45.1	49.4	-	42.5	44.0	48.2	-	41.4	42.9	47.1	-	39.4	40.8	44.7	-	36.5	37.8	41.4	-	39.4	40.8	44.7	-	36.5	37.8	41.4	-	39.4	40.8	44.7	-	36.5	37.8	41.4	-	39.4	40.8	44.7	-	36.5	37.8	41.4	-	39.4	40.8	44.7	-	36.5	37.8	41.4	-
	S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.83	0.70	0.48	-	0.87	0.72	0.50	-	0.87	0.73	0.51	-	0.87	0.72	0.50	-	0.87	0.73	0.51	-	0.87	0.72	0.50	-	0.87	0.73	0.51	-	0.87	0.72	0.50	-	0.87	0.73	0.51	-								
	ΔT	20	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	13	-	19	17	13	-	21	18	13	-	19	17	13	-	21	18	13	-	19	17	13	-	21	18	13	-	19	17	13	-	21	18	13	-	19	17	13	-
	kW	3.16	3.22	3.32	-	3.39	3.46	3.57	-	3.60	3.67	3.79	-	3.78	3.86	3.98	-	3.93	4.02	4.15	-	4.07	4.15	4.29	-	3.93	4.02	4.15	-	4.07	4.15	4.29	-	3.93	4.02	4.15	-	4.07	4.15	4.29	-	3.93	4.02	4.15	-	4.07	4.15	4.29	-	3.93	4.02	4.15	-	4.07	4.15	4.29	-
	Amps	15.2	15.4	15.8	-	16.1	16.4	16.8	-	17.1	17.5	17.9	-	18.0	18.4	18.9	-	19.0	19.3	19.8	-	19.9	20.2	20.8	-	19.0	19.3	19.8	-	19.9	20.2	20.8	-	19.0	19.3	19.8	-	19.9	20.2	20.8	-	19.0	19.3	19.8	-	19.9	20.2	20.8	-	19.0	19.3	19.8	-	19.9	20.2	20.8	-
	HI PR	251	270	285	-	282	303	320	-	321	345	364	-	365	393	415	-	411	442	467	-	454	488	516	-	411	442	467	-	454	488	516	-	411	442	467	-	454	488	516	-	411	442	467	-	454	488	516	-	411	442	467	-	454	488	516	-
	LO PR	111	118	128	-	117	124	136	-	121	129	141	-	128	136	148	-	134	142	155	-	138	147	161	-	134	142	155	-	138	147	161	-	134	142	155	-	138	147	161	-	134	142	155	-	138	147	161	-	134	142	155	-	138	147	161	-
	MBh	41.1	42.6	46.7	-	40.2	41.6	45.6	-	39.2	40.6	44.5	-	38.2	39.6	43.4	-	36.3	37.7	41.3	-	33.7	34.9	38.2	-	36.3	37.7	41.3	-	33.7	34.9	38.2	-	36.3	37.7	41.3	-	33.7	34.9	38.2	-	36.3	37.7	41.3	-	33.7	34.9	38.2	-								
	S/T	0.73	0.61	0.42	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.84	0.70	0.48	-	0.84	0.70	0.49	-	0.84	0.70	0.48	-	0.84	0.70	0.49	-	0.84	0.70	0.48	-	0.84	0.70	0.49	-	0.84	0.70	0.48	-	0.84	0.70	0.49	-								
	ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-	21	18	14	-	19	17	13	-	21	18	14	-	19	17	13	-	21	18	14	-	19	17	13	-								
	kW	3.09	3.15	3.25	-	3.31	3.38	3.49	-	3.51	3.59	3.70	-	3.69	3.77	3.89	-	3.84	3.92	4.04	-	3.97	4.05	4.18	-	3.84	3.92	4.04	-	3.97	4.05	4.18	-	3.84	3.92	4.04	-	3.97	4.05	4.18	-	3.84	3.92	4.04	-	3.97	4.05	4.18	-								
	Amps	14.9	15.1	15.5	-	15.7	16.0	16.4	-	16.8	17.1	17.5	-	17.7	18.0	18.5	-	18.5	18.9	19.4	-	19.4	19.8	20.3	-	18.5	18.9	19.4	-	19.4	19.8	20.3	-	18.5	18.9	19.4	-	19.4	19.8	20.3	-	18.5	18.9	19.4	-	19.4	19.8	20.3	-								
	HI PR	244	262	277	-	273	294	311	-	311	335	353	-	354	381	402	-	398	429	453	-	440	474	500	-	398	429	453	-	440	474	500	-	398	429	453	-	440	474	500	-	398	429	453	-	440	474	500	-								
	LO PR	107	114	125	-	113	121	132	-	118	125	137	-	124	132	144	-	130	138	151	-	134	143	156	-	130	138	151	-	134	143	156	-	130	138	151	-	134	143	156	-	130	138	151	-	134	143	156	-								

	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	1717	46.7	48.0	52.0	55.8	45.6	46.9	50.8	54.5	44.5	45.8	49.6	53.2	43.4	44.7	48.4	51.9	41.2	42.4	45.9	49.3	38.2	39.3	42.6	45.7	41.2	42.4	45.9	49.3	38.2	39.3	42.6	45.7	41.2	42.4	45.9	49.3	38.2	39.3	42.6	45.7	41.2	42.4	45.9	49.3	38.2	39.3	42.6	45.7	41.2	42.4	45.9	49.3	38.2	39.3	42.6	45.7
		S/T	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.96	0.86	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.92	0.70	0.45	1.00	0.93	0.70	0.45	1.00	0.92	0.70	0.45	1.00	0.93	0.70	0.45	1.00	0.92	0.70	0.45	1.00	0.93	0.70	0.45	1.00	0.92	0.70	0.45	1.00	0.93	0.70	0.45							
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	20	20	16	11	22	21	17	12	20	20	16	11	22	21	17	12	20	20	16	11	22	21	17	12	20	20	16	11								
	kW	3.21	3.27	3.37	3.48	3.45	3.52	3.63	3.74	3.66	3.73	3.85	3.97	3.84	3.92	4.05	4.18	4.00	4.08	4.21	4.35	4.13	4.22	4.36	4.50	4.00	4.08	4.21	4.35	4.13	4.22	4.36	4.50	4.00	4.08	4.21	4.35	4.13	4.22	4.36	4.50	4.00	4.08	4.21	4.35	4.13	4.22	4.36	4.50								
	Amps	15.4	15.6	16.0	16.5	16.3	16.6	17.0	17.5	17.4	17.7	18.2	18.7	18.3	18.7	19.2	19.7	19.2	19.6	20.1	20.8	20.2	20.6	21.1	21.8	19.2	19.6	20.1	20.8	20.2	20.6	21.1	21.8	19.2	19.6	20.1	20.8	20.2	20.6	21.1	21.8	19.2	19.6	20.1	20.8	20.2	20.6	21.1	21.8								
	HI PR	256	276	291	304	288	310	327	341	327	352	372	388	373	401	423	442	419	451	476	497	463	498	526	549	419	451	476	497	463	498	526	549	419	451	476	497	463	498	526	549	419	451	476	497	463	498	526	549								
	LO PR	113	120	1																																																					

IDB		Outdoor Ambient Temperature															115																		
		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				
Airflow		Entering Indoor Wet Bulb Temperature																																	
80	1717	MBh	47.5	48.5	51.8	55.4	46.4	47.4	50.6	54.1	45.3	46.3	49.4	52.8	44.2	45.1	48.2	51.5	42.0	42.9	45.8	49.0	38.9	39.7	42.4	45.4	42.0	42.9	45.8	49.0	38.9	39.7	42.4	45.4	
		S/T	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.81	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.86	0.65	1.00	1.00	0.87	0.65	1.00	1.00	0.86	0.65	1.00	1.00	0.87	0.65	
		ΔT	25	24	21	17	25	25	21	17	24	25	21	17	24	24	24	22	17	22	23	21	17	21	21	20	16	22	23	21	17	21	21	20	16
		kW	3.23	3.30	3.40	3.51	3.47	3.55	3.66	3.77	3.68	3.76	3.88	4.01	3.87	3.87	3.95	4.08	4.21	4.03	4.12	4.25	4.39	4.17	4.26	4.40	4.54	4.03	4.12	4.25	4.39	4.17	4.26	4.40	4.54
		Amps	15.5	15.8	16.1	16.6	16.4	16.7	17.1	17.6	17.5	17.8	18.3	18.8	18.4	18.4	18.8	19.3	19.9	19.4	19.8	20.3	20.9	20.3	20.7	21.3	21.9	19.4	19.8	20.3	20.9	20.3	20.7	21.3	21.9
	1529	HI PR	259	279	294	307	291	313	330	344	330	356	375	392	376	405	428	446	446	423	456	481	502	468	503	532	554	423	456	481	502	468	503	532	554
		LO PR	114	121	132	141	120	128	140	149	125	133	145	155	131	140	153	163	163	138	147	160	170	143	152	166	176	138	147	160	170	143	152	166	176
		MBh	46.1	47.1	50.3	53.8	45.0	46.0	49.2	52.5	44.0	44.9	48.0	51.3	42.9	43.8	46.8	50.0	40.7	41.6	44.5	47.5	37.7	38.6	41.2	44.0	40.7	41.6	44.5	47.5	37.7	38.6	41.2	44.0	
		S/T	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.98	0.79	0.59	1.00	1.00	0.82	0.62	1.00	1.00	0.83	0.62	1.00	1.00	0.82	0.62	1.00	1.00	0.83	0.62
		ΔT	26	25	22	18	27	26	22	18	26	26	22	18	26	26	26	22	18	24	25	22	18	23	23	21	16	24	25	22	18	23	23	21	16
1341	kW	3.21	3.28	3.37	3.48	3.45	3.52	3.63	3.74	3.66	3.73	3.85	3.97	3.84	3.84	3.92	4.05	4.18	4.00	4.08	4.21	4.35	4.13	4.22	4.36	4.50	4.00	4.08	4.21	4.35	4.13	4.22	4.36	4.50	
	Amps	15.4	15.6	16.0	16.5	16.3	16.6	17.0	17.5	17.4	17.7	18.2	18.7	18.3	18.3	18.7	19.2	19.7	19.2	19.6	20.1	20.8	20.2	20.6	21.1	21.8	19.2	19.6	20.1	20.8	20.2	20.6	21.1	21.8	
	HI PR	256	276	291	304	288	310	327	341	327	352	372	388	373	401	423	442	442	419	451	476	497	463	498	526	549	423	451	476	497	463	498	526	549	
	LO PR	113	120	131	140	119	127	138	148	124	132	144	153	130	138	151	161	161	136	145	158	169	141	150	164	175	136	145	158	169	141	150	164	175	
	MBh	42.6	43.5	46.5	49.7	41.6	42.5	45.4	48.5	40.6	41.5	44.3	47.3	39.6	40.4	43.2	46.2	46.2	37.6	38.4	41.1	43.9	34.8	35.6	38.0	40.6	37.6	38.4	41.1	43.9	34.8	35.6	38.0	40.6	
85	1717	S/T	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.04	0.98	0.80	0.59	1.05	0.98	0.80	0.60	1.04	0.98	0.80	0.59	1.05	0.98	0.80	0.60	
		ΔT	27	26	22	18	27	26	23	18	27	26	23	18	27	26	23	18	27	26	22	18	25	24	21	17	27	26	22	18	25	24	21	17	
		kW	3.14	3.20	3.30	3.40	3.37	3.44	3.54	3.65	3.57	3.64	3.76	3.88	3.75	3.83	3.95	4.08	4.08	3.90	3.98	4.11	4.25	4.03	4.12	4.25	4.39	3.90	3.98	4.11	4.25	4.03	4.12	4.25	4.39
		Amps	15.1	15.3	15.7	16.1	16.0	16.3	16.7	17.1	17.0	17.3	17.8	18.3	17.9	18.3	18.7	19.3	19.3	18.8	19.2	19.7	20.3	19.7	20.1	20.6	21.3	18.8	19.2	19.7	20.3	19.7	20.1	20.6	21.3
		HI PR	249	268	283	295	279	300	317	331	317	341	361	376	361	389	411	428	428	407	438	462	482	449	483	510	532	428	438	462	482	449	483	510	532
	1529	LO PR	109	116	127	135	116	123	134	143	120	128	140	149	126	134	147	156	156	132	141	154	164	137	146	159	169	132	141	154	164	137	146	159	169
		MBh	48.3	49.2	51.6	55.0	47.2	48.1	50.4	53.7	46.1	47.0	49.2	52.5	44.9	45.8	48.0	51.2	41.5	42.3	44.3	47.2	38.4	39.1	41.0	43.7	41.5	42.3	44.3	47.2	38.4	39.1	41.0	43.7	
		S/T	1.00	0.96	0.87	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	0.99	0.81	1.00	1.00	0.99	0.80	1.00	1.00	0.99	0.81	
		ΔT	28	28	26	23	28	28	26	23	27	27	26	23	26	26	27	23	23	25	25	26	23	23	24	25	21	25	25	26	23	23	24	25	21
		kW	3.23	3.30	3.40	3.51	3.47	3.55	3.66	3.77	3.68	3.76	3.88	4.01	3.87	3.87	3.95	4.08	4.21	4.03	4.12	4.25	4.39	4.17	4.26	4.40	4.54	4.03	4.12	4.25	4.39	4.17	4.26	4.40	4.54
1341	Amps	15.5	15.8	16.1	16.6	16.4	16.7	17.1	17.6	17.5	17.8	18.3	18.8	18.4	18.4	18.8	19.3	19.9	19.4	19.8	20.3	20.9	20.3	20.7	21.3	21.9	19.4	19.8	20.3	20.9	20.3	20.7	21.3	21.9	
	HI PR	259	279	294	307	291	313	330	344	330	356	375	392	376	405	428	446	446	423	456	481	502	468	503	532	554	423	456	481	502	468	503	532	554	
	LO PR	114	121	132	141	120	128	140	149	125	133	145	155	131	140	153	163	163	138	147	160	170	143	152	166	176	138	147	160	170	143	152	166	176	
	MBh	43.3	44.1	46.2	49.3	42.3	43.1	45.1	48.2	41.3	42.1	44.1	47.0	40.3	41.1	43.0	45.9	38.3	39.0	40.8	43.6	35.4	36.1	37.8	40.4	38.3	39.0	40.8	43.6	35.4	36.1	37.8	40.4		
	S/T	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78		

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	Airflow	Outdoor Ambient Temperature												105°F												115°F											
		65°F						75°F						85°F						95°F						105°F						115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
70	1463	MBh	40.2	41.6	45.6	-	39.2	40.7	44.6	-	38.3	39.7	43.5	-	37.4	38.7	42.4	-	35.5	36.8	40.3	-	32.9	34.1	37.3	-	32.9	34.1	37.3	-							
		S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-	0.89	0.74	0.51	-							
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	18	16	12	-								
	kW	2.88	2.94	3.03	-	3.09	3.16	3.25	-	3.28	3.35	3.45	-	3.44	3.52	3.63	-	3.59	3.66	3.78	-	3.71	3.79	3.91	-	3.71	3.79	3.91	-								
	Amps	13.6	13.9	14.2	-	14.5	14.7	15.1	-	15.4	15.7	16.2	-	16.3	16.6	17.1	-	17.1	17.5	18.0	-	18.0	18.3	18.8	-	18.0	18.3	18.8	-								
	Hi PR	231	248	262	-	259	279	294	-	294	317	335	-	335	361	381	-	377	406	429	-	417	449	474	-	417	449	474	-								
	Lo PR	111	118	129	-	117	125	136	-	122	129	141	-	128	136	148	-	134	143	156	-	139	147	161	-	139	147	161	-								
	1300	MBh	39.0	40.4	44.3	-	38.1	39.5	43.3	-	37.2	38.5	42.2	-	36.3	37.6	41.2	-	34.5	35.7	39.1	-	31.9	33.1	36.3	-	31.9	33.1	36.3	-							
		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-							
	1138	MBh	36.0	37.3	40.9	-	35.2	36.4	39.9	-	34.3	35.6	39.0	-	33.5	34.7	38.0	-	31.8	33.0	36.1	-	29.5	30.5	33.5	-	29.5	30.5	33.5	-							
S/T		0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	0.82	0.68	0.47	-								

IDB	Airflow	Outdoor Ambient Temperature												105°F												115°F											
		65°F						75°F						85°F						95°F						105°F						115°F					
		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								
75	1463	MBh	40.9	42.1	45.5	48.9	39.9	41.1	44.5	47.7	39.0	40.1	43.4	46.6	38.0	39.1	42.4	45.5	36.1	37.2	40.2	43.2	33.4	34.4	37.3	40.0	33.4	34.4	37.3	40.0							
		S/T	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44							
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11	21	20	16	11								
	kW	2.90	2.96	3.05	3.15	3.12	3.18	3.28	3.38	3.31	3.38	3.48	3.59	3.47	3.55	3.66	3.78	3.62	3.69	3.81	3.94	3.74	3.82	3.94	4.07	3.74	3.82	3.94	4.07								
	Amps	13.7	14.0	14.3	14.7	14.6	14.8	15.2	15.7	15.6	15.9	16.3	16.8	16.4	16.7	17.2	17.7	17.3	17.6	18.1	18.7	18.1	18.5	19.0	19.6	18.1	18.5	19.0	19.6								
	Hi PR	233	251	265	276	262	281	297	310	297	320	338	353	339	365	385	402	381	410	433	452	421	453	479	499	421	453	479	499								
	Lo PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173	140	149	163	173								
	1300	MBh	39.7	40.8	44.2	47.4	38.7	39.9	43.2	46.3	37.8	38.9	42.2	45.2	36.9	38.0	41.1	44.1	35.1	36.1	39.1	41.9	32.5	33.4	36.2	38.8	32.5	33.4	36.2	38.8							
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42	0.96	0.86	0.65	0.42							
	1138	MBh	36.6	37.7	40.8	43.8	35.8	36.8	39.9	42.8	34.9	35.9	38.9	41.8	34.1	35.1	38.0	40.7	32.4	33.3	36.1	38.7	30.0	30.9	33.4	35.8	30.0	30.9	33.4	35.8							
S/T		0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40	0.93	0.83	0.63	0.40								

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.  
 kW = Total system power  
 Amps: Unit amps (comp.+ evaporator + condenser fan motors)



IDB	Airflow	Outdoor Ambient Temperature																																							
		65°F						75°F						85°F						95°F						105°F						115°F									
		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>80</b>	MBh	41.6	42.5	45.4	48.5	40.6	41.5	44.3	47.4	39.6	40.5	43.3	46.3	38.7	39.5	42.2	45.1	36.7	37.6	40.1	42.9	34.0	34.8	37.2	39.7	34.0	34.8	37.2	39.7	34.0	34.8	37.2	39.7	34.0	34.8	37.2	39.7	34.0	34.8	37.2	39.7
	S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63
	ΔT	25	24	21	17	26	24	21	17	25	24	21	17	24	25	21	17	23	24	21	17	23	24	21	17	23	24	21	17	23	24	21	17	23	24	21	17	23	24	21	17
	kW	2.92	2.98	3.07	3.17	3.14	3.21	3.31	3.41	3.33	3.40	3.51	3.62	3.50	3.58	3.69	3.81	3.65	3.72	3.84	3.97	3.77	3.85	3.98	4.11	3.65	3.72	3.84	3.97	3.77	3.85	3.98	4.11	3.65	3.72	3.84	3.97	3.77	3.85	3.98	4.11
	Amps	13.8	14.1	14.4	14.8	14.7	14.9	15.3	15.8	15.7	16.0	16.4	16.9	16.5	16.9	17.3	17.9	17.4	17.4	17.7	18.2	18.8	18.2	18.6	19.1	17.4	17.7	18.2	18.8	18.2	18.6	19.1	19.8	17.4	17.7	18.2	18.8	18.2	18.6	19.1	19.8
	Hi PR	235	253	268	279	264	284	300	313	300	323	341	356	342	368	389	406	385	414	437	456	425	458	483	504	385	414	437	456	425	458	483	504	385	414	437	456	425	458	483	504
	Lo PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	152	161	137	145	159	169	141	150	164	175	137	145	159	169	141	150	164	175	137	145	159	169	141	150	164	175
	MBh	40.4	41.3	44.1	47.1	39.4	40.3	43.1	46.0	38.5	39.3	42.0	44.9	37.6	38.4	41.0	43.8	35.7	36.5	39.0	41.6	33.0	33.8	36.1	38.6	35.7	36.5	39.0	41.6	33.0	33.8	36.1	38.6	35.7	36.5	39.0	41.6	33.0	33.8	36.1	38.6
S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60	0.98	0.92	0.75	0.56	1.00	0.98	0.80	0.60	0.98	0.92	0.75	0.56	1.00	0.98	0.80	0.60	
ΔT	26	25	22	17	27	25	22	18	27	25	22	18	27	26	22	18	25	25	22	18	23	24	21	16	22	21	17	12	22	21	17	12	22	21	17	12	22	21	17	12	
kW	2.90	2.96	3.05	3.15	3.12	3.18	3.28	3.38	3.31	3.38	3.48	3.59	3.47	3.55	3.66	3.78	3.62	3.69	3.81	3.94	3.74	3.82	3.94	4.07	3.62	3.69	3.81	3.94	3.74	3.82	3.94	4.07	3.62	3.69	3.81	3.94	3.74	3.82	3.94	4.07	
Amps	13.7	14.0	14.3	14.7	14.6	14.8	15.2	15.7	15.6	15.9	16.3	16.8	16.4	16.7	17.2	17.7	17.3	17.6	18.1	18.7	18.1	18.5	19.0	19.6	17.3	17.6	18.1	18.7	18.1	18.5	19.0	19.6	17.3	17.6	18.1	18.7	18.1	18.5	19.0	19.6	
Hi PR	233	251	265	276	262	281	297	310	297	320	338	353	339	365	385	402	381	410	433	452	421	453	479	499	385	410	433	452	421	453	479	499	385	410	433	452	421	453	479	499	
Lo PR	112	119	130	139	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173	135	144	157	167	140	149	163	173	135	144	157	167	140	149	163	173	
MBh	37.3	38.1	40.7	43.5	36.4	37.2	39.7	42.5	35.5	36.3	38.8	41.5	34.7	35.4	37.8	40.5	32.9	33.6	36.0	38.4	30.5	31.2	33.3	35.6	32.9	33.6	36.0	38.4	30.5	31.2	33.3	35.6	32.9	33.6	36.0	38.4	30.5	31.2	33.3	35.6	
S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.95	0.77	0.58	1.02	0.95	0.78	0.58	0.97	0.91	0.74	0.55	1.01	0.95	0.77	0.58	0.97	0.91	0.74	0.55	1.01	0.95	0.77	0.58	
ΔT	27	26	22	18	27	26	23	18	27	26	23	18	27	26	23	18	27	26	22	18	25	24	21	17	22	21	17	12	22	21	17	12	22	21	17	12	22	21	17	12	
kW	2.84	2.89	2.98	3.07	3.04	3.11	3.20	3.30	3.23	3.30	3.40	3.51	3.39	3.46	3.57	3.69	3.53	3.60	3.72	3.84	3.65	3.73	3.85	3.97	3.69	3.76	3.88	4.00	3.65	3.73	3.85	3.97	3.69	3.76	3.88	4.00	3.65	3.73	3.85	3.97	
Amps	13.4	13.7	14.0	14.4	14.3	14.5	14.9	15.3	15.2	15.5	15.9	16.4	16.0	16.4	16.8	17.3	16.9	17.2	17.7	18.2	17.7	18.1	18.6	19.1	17.3	17.6	18.1	18.7	18.1	18.5	19.0	19.6	17.3	17.6	18.1	18.7	18.1	18.5	19.0	19.6	
Hi PR	226	243	257	268	254	273	288	301	289	311	328	342	329	354	373	390	370	398	420	438	408	440	464	484	390	420	438	452	421	453	479	499	390	420	438	452	421	453	479	499	
Lo PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	152	162	136	144	158	168	131	140	152	162	136	144	158	168	131	140	152	162	136	144	158	168	

IDB	Airflow	Outdoor Ambient Temperature																																								
		65°F						75°F						85°F						95°F						105°F						115°F										
		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>85</b>	MBh	42.3	43.1	45.2	48.2	41.3	42.1	44.1	47.1	40.3	41.1	43.1	45.9	39.4	40.1	42.0	44.8	37.4	38.1	39.9	42.6	34.6	35.3	37.0	39.4	37.4	38.1	39.9	42.6	34.6	35.3	37.0	39.4	37.4	38.1	39.9	42.6	34.6	35.3	37.0	39.4	
	S/T	1.00	0.98	0.88	0.71	1.00	0.90	0.91	0.74	1.00	0.90	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	0.96	0.78	1.00	1.00	0.82	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78		
	ΔT	27	26	25	22	26	26	25	22	25	26	25	22	25	25	26	22	24	24	25	22	24	24	23	20	24	24	25	22	24	24	23	20	24	24	25	22	24	24	23	20	
	kW	2.95	3.01	3.10	3.19	3.17	3.23	3.33	3.44	3.36	3.43	3.54	3.65	3.53	3.58	3.61	3.72	3.84	3.67	3.75	3.88	4.00	3.80	3.88	4.01	4.14	3.67	3.75	3.88	4.00	3.80	3.88	4.01	4.14	3.67	3.75	3.88	4.00	3.80	3.88	4.01	4.14
	Amps	13.9	14.2	14.5	14.9	14.8	15.1	15.4	15.9	15.8	16.1	16.5	17.0	16.7	17.0	17.5	18.0	17.5	17.9	18.4	19.0	18.4	18.8	19.3	19.9	18.4	18.8	19.3	19.9	18.4	18.8	19.3	19.9	18.4	18.8	19.3	19.9	18.4	18.8	19.3	19.9	
	Hi PR	238	256	270	282	267	287	303	316	303	327	345	360	346	372	393	410	389	418	442	461	430	462	488	509	442	461	480	499	430	462	488	509	442	461	480	499	430	462	488	509	
	Lo PR	114	122	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	177	138	147	160	171	143	152	166	177	138	147	160	171	143	152	166	177	
	MBh	41.1	41.9	43.9	46.8	40.1	40.9	42.8	45.7	39.2	39.9	41.8	44.6	38.2	39.0	40.8	43.5	36.3	37.0	38.8	41.3	33.6	34.3	35.9	38.3	36.3	37.0	38.8	41.3	33.6	34.3	35.9	38.3	36.3	37.0	38.8	41.3	33.6	34.3	35.9	38.3	
S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.82	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78			
ΔT	28	28	26	23	28	28	26	23	28	28	26	23	27	28	27	23	26	26	26	23	24	24	24	21	26	26	26	23	24	24	24	21	26	26	26	23	24	24	24	21		
kW	2.92	2.98	3.07	3.17	3.14	3.21	3.31	3.41	3.33	3.40	3.51	3.62	3.50	3.58	3.69	3.81	3.65	3.72	3.84	3.97	3.77	3.85	3.98	4.11	3.65	3.72	3.84	3.97	3.77	3.85	3.98	4.11	3.65	3.72	3.84	3.97	3.77	3.85	3.98	4.11		
Amps	13.8	14.1	14.4	14.8	14.7	14.9																																				

IDB	Airflow	Outdoor Ambient Temperature																																															
		65°F						75°F						85°F						95°F						105°F						115°F																	
		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>70</b>	MBh	55.4	57.4	62.9	-	54.1	56.1	61.4	-	52.8	54.7	59.9	-	51.5	53.4	58.5	-	48.9	50.7	55.6	-	45.3	47.0	51.5	-	55.4	57.4	62.9	-	54.1	56.1	61.4	-	52.8	54.7	59.9	-	51.5	53.4	58.5	-	48.9	50.7	55.6	-	45.3	47.0	51.5	-
	S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-
	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	19	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	18	16	12	-
	kW	4.41	4.50	4.64	-	4.73	4.83	4.98	-	5.02	5.12	5.28	-	5.27	5.38	5.55	-	5.48	5.60	5.77	-	5.66	5.78	5.97	-	4.41	4.50	4.64	-	4.73	4.83	4.98	-	5.02	5.12	5.28	-	5.27	5.38	5.55	-	5.48	5.60	5.77	-	5.66	5.78	5.97	-
	Amps	21.5	21.8	22.4	-	22.7	23.1	23.7	-	24.2	24.6	25.3	-	25.4	25.9	26.6	-	26.7	27.2	27.9	-	28.0	28.5	29.3	-	21.5	21.8	22.4	-	22.7	23.1	23.7	-	24.2	24.6	25.3	-	25.4	25.9	26.6	-	26.7	27.2	27.9	-	28.0	28.5	29.3	-
	Hi PR	256	276	291	-	288	310	327	-	327	352	372	-	373	401	424	-	419	451	477	-	463	499	527	-	256	276	291	-	288	310	327	-	327	352	372	-	373	401	424	-	419	451	477	-	463	499	527	-
	Lo PR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	144	-	130	138	150	-	134	143	156	-	107	114	124	-	113	120	131	-	118	125	137	-	124	131	144	-	130	138	150	-	134	143	156	-
	MBh	53.8	55.7	61.0	-	52.5	54.4	59.6	-	51.3	53.1	58.2	-	50.0	51.8	56.8	-	47.5	49.2	53.9	-	44.0	45.6	50.0	-	53.8	55.7	61.0	-	52.5	54.4	59.6	-	51.3	53.1	58.2	-	50.0	51.8	56.8	-	47.5	49.2	53.9	-	44.0	45.6	50.0	-
	S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
	ΔT	20	17	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-	20	17	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-
	kW	4.38	4.47	4.60	-	4.70	4.79	4.94	-	4.98	5.08	5.24	-	4.98	5.08	5.24	-	5.44	5.55	5.73	-	5.62	5.74	5.92	-	4.38	4.47	4.60	-	4.70	4.79	4.94	-	4.98	5.08	5.24	-	4.98	5.08	5.24	-	5.44	5.55	5.73	-	5.62	5.74	5.92	-
Amps	21.3	21.7	22.2	-	22.6	23.0	23.5	-	24.0	24.5	25.1	-	25.3	25.7	26.4	-	26.5	27.0	27.7	-	27.8	28.3	29.1	-	21.3	21.7	22.2	-	22.6	23.0	23.5	-	24.0	24.5	25.1	-	25.3	25.7	26.4	-	26.5	27.0	27.7	-	27.8	28.3	29.1	-	
Hi PR	254	273	289	-	285	307	324	-	324	349	368	-	369	397	419	-	415	447	472	-	459	494	521	-	254	273	289	-	285	307	324	-	324	349	368	-	369	397	419	-	415	447	472	-	459	494	521	-	
Lo PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-	
MBh	49.6	51.4	56.3	-	48.5	50.2	55.0	-	47.3	49.0	53.7	-	46.2	47.8	52.4	-	43.8	45.4	49.8	-	40.6	42.1	46.1	-	49.6	51.4	56.3	-	48.5	50.2	55.0	-	47.3	49.0	53.7	-	46.2	47.8	52.4	-	43.8	45.4	49.8	-	40.6	42.1	46.1	-	
S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	
ΔT	20	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-	20	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-	
kW	4.28	4.37	4.50	-	4.59	4.68	4.82	-	4.86	4.96	5.11	-	4.86	4.96	5.11	-	5.31	5.42	5.59	-	5.48	5.60	5.78	-	4.28	4.37	4.50	-	4.59	4.68	4.82	-	4.86	4.96	5.11	-	4.86	4.96	5.11	-	5.31	5.42	5.59	-	5.48	5.60	5.78	-	
Amps	20.9	21.3	21.8	-	22.1	22.5	23.1	-	23.5	24.0	24.6	-	24.7	25.2	25.8	-	25.9	26.4	27.1	-	27.1	27.7	28.4	-	20.9	21.3	21.8	-	22.1	22.5	23.1	-	23.5	24.0	24.6	-	24.7	25.2	25.8	-	25.9	26.4	27.1	-	27.1	27.7	28.4	-	
Hi PR	246	265	280	-	276	297	314	-	314	338	357	-	358	385	407	-	403	433	458	-	445	479	506	-	246	265	280	-	276	297	314	-	314	338	357	-	358	385	407	-	403	433	458	-	445	479	506	-	
Lo PR	103	109	120	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-	103	109	120	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-	

IDB	Airflow	Outdoor Ambient Temperature																																																	
		65°F						75°F						85°F						95°F						105°F						115°F																			
		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>75</b>	MBh	56.3	58.0	62.7	67.3	55.0	56.6	61.3	65.8	53.7	55.3	59.8	64.2	52.4	<b>53.9</b>	58.4	62.6	49.8	51.2	55.5	59.5	46.1	47.5	51.4	55.1	56.3	58.0	62.7	67.3	55.0	56.6	61.3	65.8	53.7	55.3	59.8	64.2	52.4	<b>53.9</b>	58.4	62.6	49.8	51.2	55.5	59.5	46.1	47.5	51.4	55.1		
	S/T	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.93	0.84	0.63	0.41	0.96	<b>0.86</b>	0.65	0.42	1.00	0.90	0.68	0.44	0.96	0.86	0.65	0.42	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.93	0.84	0.63	0.41	0.96	<b>0.86</b>	0.65	0.42	1.00	0.90	0.68	0.44	0.96	0.86	0.65	0.42		
	ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	<b>21</b>	17	12	22	21	17	12	22	21	17	11	22	21	17	12	23	21	17	12	23	21	17	12	22	<b>21</b>	17	12	22	21	17	12	22	21	17	11		
	kW	4.45	4.54	4.67	4.81	4.77	4.87	5.02	5.17	5.06	5.16	5.32	5.49	5.62	5.31	<b>5.42</b>	5.59	5.77	5.52	5.64	5.82	6.01	5.71	5.83	6.02	6.21	4.45	4.54	4.67	4.81	4.77	4.87	5.02	5.17	5.06	5.16	5.32	5.49	5.62	5.31	<b>5.42</b>	5.59	5.77	5.52	5.64	5.82	6.01	5.71	5.83	6.02	6.21
	Amps	21.6	22.0	22.5	23.1	22.9	23.3	23.9	24.5	24.4	24.8	25.4	26.2	27.6	25.6	<b>26.1</b>	26.8	27.6	26.9	27.4	28.2	29.0	28.2	28.7	29.5	30.4	21.6	22.0	22.5	23.1	22.9	23.3	23.9	24.5	24.4	24.8	25.4	26.2	27.6	25.6	<b>26.1</b>	26.8	27.6	26.9	27.4	28.2	29.0	28.2	28.7	29.5	30.4
	Hi PR	259	279	294	307	291	313	330	345	331	356	376	392	416	377	<b>405</b>	428	446	424	456	481	502	468	504	532	555	259	279	294	307	291	313	330	345	331	356	376	392	416	377	<b>405</b>	428	446	424	456	481	502	468	504	532	555
	Lo PR	108	115	126	134	114	122	133	141	119	126	138	147	162	125	<b>133</b>	145	154	131	139	152	162	135	144	157	167	108	115	126	134	114	122	133	141	119	126	138	147	162	125	<b>133</b>	145	154	131	139	152	162	135	144	157	167
	MBh	54.7	56.3	60.9	65.4	53.4	55.0	59.5	63.9	52.1	53.7	58.1	62.3	50.9	<b>52.4</b>	56.7	60.8	48.3	49.7	53.8	57.8	44.7	46.1	49.9	53.5	54.7	56.3	60.9	65.4	53.4	55.0	59.5	63.9	52.1	53.7	58.1	62.3	50.9	<b>52.4</b>	56.7	60.8	48.3	49.7	53.8	57.8	44.7	46.1				

IDB	Airflow	Outdoor Ambient Temperature																																									
		65°F						75°F						85°F						95°F						105°F						115°F											
		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>80</b>	MBh	57.3	58.6	62.6	66.9	56.0	57.2	61.1	65.3	54.6	55.8	59.6	63.8	53.3	54.5	58.2	62.2	50.6	51.7	55.3	59.1	57.3	58.6	62.6	66.9	56.0	57.2	61.1	65.3	54.6	55.8	59.6	63.8	53.3	54.5	58.2	62.2	50.6	51.7	55.3	59.1		
	S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63		
	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	24	25	21	17	23	23	23	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	23	23	21	17	21	22	20	16
	kW	4.48	4.57	4.71	4.85	4.81	4.91	5.06	5.22	5.10	5.20	5.37	5.54	5.35	5.46	5.64	5.82	5.57	5.69	5.87	6.06	4.48	4.57	4.71	4.85	4.81	4.91	5.06	5.22	5.10	5.20	5.37	5.54	5.35	5.46	5.64	5.82	5.57	5.69	5.87	6.06		
	Amps	21.7	22.1	22.7	23.3	23.0	23.5	24.0	24.7	24.5	25.0	25.6	26.4	25.8	26.3	27.0	27.8	27.1	27.6	28.4	29.2	21.7	22.1	22.7	23.3	23.0	23.5	24.0	24.7	24.5	25.0	25.6	26.4	25.8	26.3	27.0	27.8	27.1	27.6	28.4	29.2		
	Hi PR	262	282	297	310	294	316	334	348	334	359	380	396	380	409	432	451	428	461	486	507	262	282	297	310	294	316	334	348	334	359	380	396	380	409	432	451	428	461	486	507		
	Lo PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	137	141	153	163	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	137	141	153	163		
	MBh	55.6	56.9	60.7	64.9	54.3	55.5	59.3	63.4	53.0	54.2	57.9	61.9	51.8	52.9	56.5	60.4	49.2	50.2	53.7	57.4	55.6	56.9	60.7	64.9	54.3	55.5	59.3	63.4	53.0	54.2	57.9	61.9	51.8	52.9	56.5	60.4	49.2	50.2	53.7	57.4		
S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60			
ΔT	26	25	22	17	26	25	22	18	26	25	22	18	26	25	22	18	25	25	25	22	17	26	25	22	17	26	25	22	18	26	25	22	18	25	25	22	17	23	23	20	16		
kW	4.45	4.54	4.67	4.82	4.77	4.87	5.02	5.17	5.06	5.16	5.32	5.49	5.31	5.42	5.59	5.77	5.52	5.64	5.82	6.01	4.45	4.54	4.67	4.82	4.77	4.87	5.02	5.17	5.06	5.16	5.32	5.49	5.31	5.42	5.59	5.77	5.52	5.64	5.82	6.01			
Amps	21.6	22.0	22.5	23.1	22.9	23.3	23.9	24.5	24.4	24.8	25.4	26.2	25.6	26.1	26.8	27.6	26.9	27.4	28.2	29.0	21.6	22.0	22.5	23.1	22.9	23.3	23.9	24.5	24.4	24.8	25.4	26.2	25.6	26.1	26.8	27.6	26.9	27.4	28.2	29.0			
Hi PR	259	279	294	307	291	313	330	345	331	356	376	392	377	405	428	446	424	456	482	502	259	279	294	307	291	313	330	345	331	356	376	392	377	405	428	446	424	456	482	502			
Lo PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162			
MBh	51.4	52.5	56.1	59.9	50.2	51.3	54.8	58.5	49.0	50.0	53.5	57.1	47.8	48.8	52.1	55.7	45.4	46.4	49.5	53.0	51.4	52.5	56.1	59.9	50.2	51.3	54.8	58.5	49.0	50.0	53.5	57.1	47.8	48.8	52.1	55.7	45.4	46.4	49.5	53.0			
S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.95	0.77	0.58	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.95	0.77	0.58			
ΔT	26	25	22	18	27	26	22	18	27	26	22	18	27	26	22	18	27	25	22	18	17	26	25	22	18	27	26	22	18	27	26	22	18	27	25	22	18	25	24	21	17		
kW	4.35	4.43	4.57	4.70	4.66	4.76	4.90	5.05	4.94	5.04	5.20	5.36	5.18	5.29	5.46	5.63	5.39	5.51	5.68	5.86	4.35	4.43	4.57	4.70	4.66	4.76	4.90	5.05	4.94	5.04	5.20	5.36	5.18	5.29	5.46	5.63	5.39	5.51	5.68	5.86			
Amps	21.2	21.5	22.1	22.7	22.4	22.8	23.4	24.0	23.9	24.3	24.9	25.6	25.1	25.6	26.2	27.0	26.3	26.8	27.5	28.4	21.2	21.5	22.1	22.7	22.4	22.8	23.4	24.0	23.9	24.3	24.9	25.6	25.1	25.6	26.2	27.0	26.3	26.8	27.5	28.4			
Hi PR	251	270	286	298	282	304	321	334	321	345	365	380	365	393	415	433	411	442	467	487	251	270	286	298	282	304	321	334	321	345	365	380	365	393	415	433	411	442	467	487			
Lo PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157			
MBh	58.3	59.4	62.2	66.4	56.9	58.1	60.8	64.9	55.6	56.7	59.4	63.3	54.2	55.3	57.9	61.8	51.5	52.5	55.0	58.7	58.3	59.4	62.2	66.4	56.9	58.1	60.8	64.9	55.6	56.7	59.4	63.3	54.2	55.3	57.9	61.8	51.5	52.5	55.0	58.7			
S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81							
ΔT	26	26	25	21	26	26	25	22	25	26	25	22	24	25	25	22	23	24	25	22	22	26	26	25	21	26	26	25	22	25	26	25	22	23	24	25	22	22	22	23	20		
kW	4.52	4.61	4.74	4.89	4.85	4.94	5.10	5.26	5.14	5.24	5.41	5.58	5.39	5.51	5.68	5.87	5.61	5.73	5.92	6.11	4.52	4.61	4.74	4.89	4.85	4.94	5.10	5.26	5.14	5.24	5.41	5.58	5.39	5.51	5.68	5.87	5.61	5.73	5.92	6.11			
Amps	21.9	22.3	22.8	23.4	23.2	23.6	24.2	24.9	24.7	25.2	25.8	26.6	26.0	26.5	27.2	28.0	27.3	27.8	28.6	29.4	21.9	22.3	22.8	23.4	23.2	23.6	24.2	24.9	24.7	25.2	25.8	26.6	26.0	26.5	27.2	28.0	27.3	27.8	28.6	29.4			
Hi PR	264	284	300	313	297	319	337	352	337	363	383	400	384	413	437	455	432	465	491	512	264	284	300	313	297	319	337	352	337	363	383	400	384	413	437	455	432	465	491	512			
Lo PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	158	133	142	155	165	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	158	133	142	155	165			
MBh	56.6	57.7	60.4	64.5	55.3	56.4	59.0	63.0	54.0	55.0	57.6	61.5	52.7	53.7	56.2	60.0	50.0	51.0	53.4	57.0	56.6	57.7	60.4	64.5	55.3	56.4	59.0	63.0	54.0	55.0	57.6	61.5	52.7	53.7	56.2	60.0	50.0	51.0	53.4	57.0			
S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78			
ΔT	28	27	26	22	28	28	26	23	27	28	26	23	27	28	27	26	23	25	26	22	22	28	27	26	22	28	28	26	23	27	28	27	26	23	25	26	22	24	24	24	21		
kW	4.48	4.57	4.71	4.85	4.81	4.91	5.06	5.22	5.10	5.20	5.37	5.54	5.35	5.46	5.64	5.82	5.57	5.69	5.87	6.06	4.48	4.57	4.71	4.85	4.81	4.91	5.06	5.22	5.10	5.20	5.37	5.54	5.35	5.46	5.64	5.82	5.57	5.69	5.87	6.06			
Amps	21.7	22.1	22.7	23.3	23.0	23.5	24.0	24.7	24.5	25.0	25.6	26.4	25.8	26.3	27.0	27.8	27.1	27.6	28.4	29.2	21.7	22.1	22.7	23.3	23.0	23.5	24.0	24.7	24.5	25.0	25.6	26.4	25.8	26.3	27.0	27.8	27.1	27.6	28.4	29.2			
Hi PR	262	282	297	310	294	316	334	348	334	359	380	396	380	409	432	451	428	461	486</																								

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	1463	MBh	40.2	41.6	45.6	-	39.2	40.7	44.6	-	38.3	39.7	43.5	-	37.4	38.7	42.4	-	35.5	36.8	40.3	-	32.9	34.1	37.3	-					
		S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-					
		ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-					
		kW	2.88	2.94	3.03	-	3.09	3.16	3.25	-	3.28	3.35	3.45	-	3.44	3.52	3.63	-	3.59	3.66	3.78	-	3.71	3.79	3.91	-					
		Amps	13.6	13.9	14.2	-	14.5	14.7	15.1	-	15.4	15.7	16.2	-	16.3	16.6	17.1	-	17.1	17.5	18.0	-	18.0	18.3	18.8	-					
	Hi PR	231	248	262	-	259	279	294	-	294	317	335	-	335	361	381	-	377	406	429	-	417	449	474	-						
	Lo PR	111	118	129	-	117	125	136	-	122	129	141	-	128	136	148	-	134	143	156	-	139	147	161	-						
	1300	MBh	39.0	40.4	44.3	-	38.1	39.5	43.3	-	37.2	38.5	42.2	-	36.3	37.6	41.2	-	34.5	35.7	39.1	-	31.9	33.1	36.3	-					
		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-					
		ΔT	20	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	20	18	13	-	19	17	13	-					
kW		2.86	2.92	3.00	-	3.07	3.13	3.23	-	3.25	3.32	3.43	-	3.42	3.49	3.60	-	3.56	3.63	3.75	-	3.68	3.76	3.88	-						
Amps		13.5	13.8	14.1	-	14.4	14.6	15.0	-	15.3	15.6	16.0	-	16.2	16.5	16.9	-	17.0	17.3	17.8	-	17.8	18.2	18.7	-						
Hi PR	228	246	260	-	256	276	291	-	292	314	331	-	332	357	377	-	374	402	424	-	413	444	469	-							
Lo PR	110	117	127	-	116	123	135	-	120	128	140	-	127	135	147	-	133	141	154	-	137	146	159	-							
75	1138	MBh	36.0	37.3	40.9	-	35.2	36.4	39.9	-	34.3	35.6	39.0	-	33.5	34.7	38.0	-	31.8	33.0	36.1	-	29.5	30.5	33.5	-					
		S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-					
		ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-					
		kW	2.79	2.85	2.93	-	3.00	3.06	3.15	-	3.18	3.24	3.34	-	3.34	3.41	3.51	-	3.47	3.55	3.66	-	3.59	3.67	3.78	-					
		Amps	13.2	13.5	13.8	-	14.1	14.3	14.7	-	15.0	15.3	15.7	-	15.8	16.1	16.5	-	16.6	17.0	17.4	-	17.4	17.8	18.3	-					
	Hi PR	222	238	252	-	249	268	283	-	283	304	321	-	322	347	366	-	362	390	412	-	400	431	455	-						
	Lo PR	106	113	124	-	112	120	131	-	117	124	136	-	123	131	143	-	129	137	149	-	133	142	155	-						
	1463	MBh	40.9	42.1	45.5	48.9	39.9	41.1	44.5	47.7	39.0	40.1	43.4	46.6	38.0	39.1	42.4	45.5	36.1	37.2	40.2	43.2	33.4	34.4	37.3	40.0					
		S/T	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44					
		ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11					
kW		2.90	2.96	3.05	3.15	3.12	3.18	3.28	3.38	3.48	3.31	3.38	3.48	3.59	3.47	3.55	3.66	3.78	3.62	3.69	3.81	3.94	3.74	3.82	3.94	4.07					
Amps		13.7	14.0	14.3	14.7	14.6	14.8	15.2	15.7	16.3	15.6	15.9	16.3	16.8	16.4	16.7	17.2	17.7	17.3	17.6	18.1	18.7	18.1	18.5	19.0	19.6					
Hi PR	233	251	265	276	262	281	297	310	320	297	320	338	353	339	365	385	402	381	410	433	452	421	453	479	499						
Lo PR	112	119	130	138	118	126	137	146	152	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173						
1300	MBh	39.7	40.8	44.2	47.4	38.7	39.9	43.2	46.3	37.8	38.9	42.2	45.2	36.9	38.0	41.1	44.1	35.1	36.1	39.1	41.9	32.5	33.4	36.2	38.8						
	S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42						
	ΔT	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	12						
	kW	2.88	2.94	3.03	3.12	3.09	3.16	3.25	3.36	3.46	3.28	3.35	3.45	3.57	3.45	3.52	3.63	3.75	3.59	3.66	3.78	3.91	3.71	3.79	3.91	4.04					
	Amps	13.6	13.9	14.2	14.6	14.5	14.7	15.1	15.6	16.2	15.4	15.7	16.2	16.6	16.3	16.6	17.1	17.6	17.1	17.5	18.0	18.5	18.0	18.3	18.8	19.4					
Hi PR	231	248	262	274	259	279	294	307	316	294	317	335	349	335	361	381	398	377	406	429	447	417	449	474	494						
Lo PR	111	118	129	137	117	125	136	145	151	122	129	141	151	128	136	149	158	134	143	156	166	139	147	161	171						
1138	MBh	36.6	37.7	40.8	43.8	35.8	36.8	39.9	42.8	34.9	35.9	38.9	41.8	34.1	35.1	38.0	40.7	32.4	33.3	36.1	38.7	30.0	30.9	33.4	35.8						
	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40						
	ΔT	24	22	18	12	24	22	18	13	24	22	18	13	24	22	18	13	24	22	18	13	22	21	17	12						
	kW	2.81	2.87	2.96	3.05	3.02	3.08	3.18	3.28	3.38	3.20	3.27	3.37	3.48	3.36	3.43	3.54	3.66	3.50	3.57	3.69	3.81	3.62	3.70	3.81	3.94					
	Amps	13.3	13.6	13.9	14.3	14.2	14.4	14.8	15.2	15.8	15.1	15.4	15.8	16.3	15.9	16.2	16.7	17.2	16.7	17.1	17.5	18.1	17.6	17.9	18.4	19.0					
Hi PR	224	241	254	265	251	270	285	298	307	286	307	325	339	325	350	370	386	366	394	416	434	404	435	460	479						
Lo PR	108	114	125	133	114	121	132	141	146	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	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	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE															105															115														
		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															
<b>80</b>	MBh	41.6	42.5	45.4	48.5	40.6	41.5	44.3	47.4	39.6	40.5	43.3	46.3	38.7	39.5	42.2	45.1	36.7	37.6	40.1	42.9	34.0	34.8	37.2	39.7	36.7	37.6	40.1	42.9	34.0	34.8	37.2	39.7	36.7	37.6	40.1	42.9	34.0	34.8	37.2	39.7					
	S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63					
	ΔT	25	24	21	17	26	24	21	17	25	24	21	17	24	25	21	17	23	24	24	21	17	21	22	20	16	23	24	21	17	21	22	20	16	23	24	21	17	21	22	20	16				
	KW	2.92	2.98	3.07	3.17	3.14	3.21	3.31	3.41	3.33	3.40	3.51	3.62	3.50	3.58	3.69	3.81	3.65	3.72	3.84	3.97	3.77	3.85	3.98	4.11	3.65	3.72	3.84	3.97	3.77	3.85	3.98	4.11	3.65	3.72	3.84	3.97	3.77	3.85	3.98	4.11					
	Amps	13.8	14.1	14.4	14.8	14.7	14.9	15.3	15.8	15.7	16.0	16.4	16.9	16.5	16.9	17.3	17.9	17.4	17.4	17.7	18.2	18.8	18.2	18.6	19.1	19.8	17.4	17.7	18.2	18.8	18.2	18.6	19.1	19.8	17.4	17.7	18.2	18.8	18.2	18.6	19.1	19.8				
	Hi PR	235	253	268	279	264	284	300	313	300	323	341	356	342	368	389	406	385	414	437	456	425	458	483	504	385	414	437	456	425	458	483	504	385	414	437	456	425	458	483	504					
	Lo PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	152	161	137	145	159	169	141	150	164	175	137	145	159	169	141	150	164	175	137	145	159	169	141	150	164	175					
	MBh	40.4	41.3	44.1	47.1	39.4	40.3	43.1	46.0	38.5	39.3	42.0	44.9	37.6	38.4	41.0	43.8	35.7	36.5	39.0	41.6	33.0	33.8	36.1	38.6	35.7	36.5	39.0	41.6	33.0	33.8	36.1	38.6	35.7	36.5	39.0	41.6	33.0	33.8	36.1	38.6					
	S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.98	0.81	0.60	1.00	1.00	0.98	0.80	1.00	1.00	0.98	0.81	0.60	1.00	1.00	0.98	0.80	1.00	1.00	0.98	0.81	0.60		
	ΔT	26	25	22	17	27	25	22	18	27	25	22	18	27	26	22	18	25	25	25	22	18	23	24	21	16	25	25	22	18	23	24	21	16	25	25	22	18	23	24	21	16				
	KW	2.84	2.89	2.98	3.07	3.04	3.11	3.20	3.30	3.23	3.30	3.40	3.51	3.39	3.46	3.57	3.69	3.53	3.60	3.72	3.84	3.65	3.73	3.85	3.97	3.53	3.60	3.72	3.84	3.65	3.73	3.85	3.97	3.53	3.60	3.72	3.84	3.65	3.73	3.85	3.97					
	Amps	13.4	13.7	14.0	14.4	14.3	14.5	14.9	15.3	15.2	15.5	15.9	16.4	16.0	16.4	16.8	17.3	16.9	17.2	17.7	18.2	17.7	18.1	18.6	19.1	17.3	17.6	18.1	18.7	18.1	18.5	19.0	19.6	17.3	17.6	18.1	18.7	18.1	18.5	19.0	19.6					
	Hi PR	226	243	257	268	254	273	288	301	289	311	328	342	329	354	373	390	370	398	420	438	408	440	464	484	381	410	433	452	421	453	479	499	381	410	433	452	421	453	479	499					
	Lo PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	152	162	136	144	158	168	140	149	163	173	140	149	163	173	140	149	163	173	140	149	163	173					

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE															105															115														
		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															
<b>85</b>	MBh	42.3	43.1	45.2	48.2	41.3	42.1	44.1	47.1	40.3	41.1	43.1	45.9	39.4	40.1	42.0	44.8	37.4	38.1	39.9	42.6	34.6	35.3	37.0	39.4	37.4	38.1	39.9	42.6	34.6	35.3	37.0	39.4	37.4	38.1	39.9	42.6	34.6	35.3	37.0	39.4					
	S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	0.96	0.81	1.00	1.00	0.96	0.82	1.00	1.00	0.96	0.81	1.00	1.00	0.96	0.82	1.00	1.00	0.96	0.81	1.00	1.00	0.96	0.82					
	ΔT	27	26	25	22	26	26	25	22	25	26	25	22	25	25	26	22	24	24	24	25	22	22	23	20	24	24	25	22	22	22	23	20	24	24	25	22	22	22	23	20					
	KW	2.95	3.01	3.10	3.19	3.17	3.23	3.33	3.44	3.36	3.43	3.54	3.65	3.53	3.61	3.72	3.84	3.67	3.75	3.88	4.00	3.80	3.88	4.01	4.14	3.67	3.75	3.88	4.00	3.80	3.88	4.01	4.14	3.67	3.75	3.88	4.00	3.80	3.88	4.01	4.14					
	Amps	13.9	14.2	14.5	14.9	14.8	15.1	15.4	15.9	15.8	16.1	16.5	17.0	16.7	17.0	17.5	18.0	17.5	17.9	18.4	19.0	18.4	18.8	19.3	19.9	17.5	17.9	18.4	19.0	18.4	18.8	19.3	19.9	17.5	17.9	18.4	19.0	18.4	18.8	19.3	19.9					
	Hi PR	238	256	270	282	267	287	303	316	303	327	345	360	346	372	393	410	389	418	442	461	430	462	488	509	389	418	442	461	430	462	488	509	389	418	442	461	430	462	488	509					
	Lo PR	114	122	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	177	138	147	160	171	143	152	166	177	138	147	160	171	143	152	166	177					
	MBh	41.1	41.9	43.9	46.8	40.1	40.9	42.8	45.7	39.2	39.9	41.8	44.6	38.2	39.0	40.8	43.5	36.3	37.0	38.8	41.3	33.6	34.3	35.9	38.3	36.3	37.0	38.8	41.3	33.6	34.3	35.9	38.3	36.3	37.0	38.8	41.3	33.6	34.3	35.9	38.3					
	S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78					
	ΔT	28	28	26	23	28	28	26	23	28	28	26	23	27	28	27	23	26	26	26	23	24	24	24	21	26	26	26	23	24	24	24	21	26	26	26	23	24	24	24	21					
	KW	2.92	2.98	3.07	3.17	3.14	3.21	3.31	3.41	3.33	3.40	3.51	3.62	3.50	3.58	3.69	3.81	3.65	3.72	3.84	3.97	3.77	3.85	3.98	4.11	3.65	3.72	3.84	3.97	3.77	3.85	3.98	4.11	3.65	3.72	3.84	3.97	3.77	3.85	3.98	4.11					
	Amps	13.8	14.1	14.4	14.8	14.7	14.9	15.3	15.8	15.7	16.0	16.4	16.9	16.5	16.9	17.3	17.9	17.4	17.4	17.7	18.2	18.2	18.6	19.1	19.8	17.4	17.7	18.2	18.8	18.2	18.6	19.1	19.8	17.4	17.7	18.2	18.8	18.2	18.6	19.1	19.8					
	Hi PR	235	253	268	279	264	284	300	313	300	323	341	356	342	368	389	406	385	414	437	456	425	458	483	504	385	414	437	456	425	458	483	504	385	414	437	456	425	458	483	504					
	Lo PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	152	161	137	145	159	169	141	150	164	175	137	145	159	169	141	150	164	175	137	145	159	169	141	150	164	175					
	MBh	37.9	38.6	40.5	43.2	37.0	37.7	39.5	42.2	36.2	36.9	38.6	41.2	35.3	36.0	37.7	40.2	33.5	34.2	35.8	38.2	31.0	31.6	33.1	35.4	33.5	34.2	35.8	38.2	31.0	31.6	33.1	35.4	33.5	34.2	35.8	38.2	31.0	31.6	33.1	35.4					
S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	1.00	0.98	0.89	1.00	1.00	0.92	0.75	1.00	1.00	0.92	0.75	1.00	1.00	0.92	0.75	1.00	1.00	0.92	0.75	1.00	1.00	0.92	0.75	1.00	1.00	0.92	0.75						
ΔT	28	28	26	23	29	28	27	23	29	28	27	23	29	29	29	27	23	27	28	27	23	25	26	22	27	28	27	23	25	26	25	22	27	28	27	23	25	26	25	22						
KW	2.86	2.91	3.00	3.10	3.07	3.13	3.23	3.33	3.25	3.32	3.43	3.54	3.42	3.49	3.60	3.72	3.56	3.63	3.75	3.87	3.68	3.76	3.88	4.01	3.56	3.63	3.75	3.87	3.68	3.76	3.88	4.01	3.56	3.63	3.75	3.87	3.68	3.76	3.88	4.01						
Amps	13.5	13.8	14.1																																											

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				
70	1965	MBh	55.9	57.9	63.4	-	54.6	56.5	62.0	-	53.3	55.2	60.5	-	52.0	53.9	59.0	-	49.4	51.2	56.1	-	45.7	47.4	51.9	-											
		S/T	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-											
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-												
	KW	4.08	4.16	4.28	-	4.37	4.46	4.60	-	4.63	4.73	4.87	-	4.86	4.96	5.12	-	5.06	5.16	5.33	-	5.23	5.34	5.51	-												
	Amps	20.5	20.8	21.3	-	21.7	22.1	22.6	-	23.1	23.5	24.1	-	24.3	24.8	25.4	-	25.5	26.0	26.7	-	26.7	27.3	28.0	-												
	Hi PR	251	270	285	-	281	303	320	-	320	344	364	-	365	392	414	-	410	441	466	-	453	488	515	-												
	Lo PR	109	116	126	-	115	122	133	-	119	127	139	-	125	133	146	-	131	140	152	-	136	144	158	-												
	MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-												
	S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-												
	ΔT	20	18	13	-	21	18	13	-	21	18	14	-	21	18	14	-	20	18	13	-	19	17	13	-												
KW	4.05	4.13	4.25	-	4.34	4.43	4.56	-	4.60	4.69	4.84	-	4.82	4.93	5.08	-	5.02	5.12	5.28	-	5.18	5.29	5.46	-													
Amps	20.3	20.7	21.2	-	21.5	21.9	22.5	-	22.9	23.4	24.0	-	24.1	24.6	25.2	-	25.4	25.8	26.5	-	26.5	27.1	27.8	-													
Hi PR	248	267	282	-	279	300	317	-	317	341	360	-	361	388	410	-	406	437	461	-	449	483	510	-													
Lo PR	108	114	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	134	143	156	-													
MBh	50.1	51.9	56.8	-	48.9	50.7	55.5	-	47.7	49.5	54.2	-	46.6	48.3	52.9	-	44.2	45.8	50.2	-	41.0	42.5	46.5	-													
S/T	0.69	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-													
ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-													
KW	3.96	4.04	4.15	-	4.24	4.33	4.46	-	4.49	4.58	4.72	-	4.71	4.81	4.96	-	4.90	5.00	5.16	-	5.06	5.17	5.33	-													
Amps	19.9	20.3	20.8	-	21.1	21.5	22.0	-	22.5	22.9	23.4	-	23.6	24.1	24.7	-	24.8	25.3	25.9	-	26.0	26.5	27.2	-													
Hi PR	241	259	274	-	270	291	307	-	307	331	349	-	350	377	398	-	394	424	448	-	435	468	494	-													
Lo PR	104	111	121	-	110	117	128	-	115	122	133	-	120	128	140	-	126	134	146	-	130	139	151	-													
75	1965	MBh	56.8	58.5	63.3	67.9	55.5	57.1	61.8	66.4	54.2	55.8	60.4	64.8	52.8	54.4	58.9	63.2	50.2	51.7	55.9	60.0	46.5	47.9	51.8	55.6											
		S/T	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.89	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.97	0.87	0.66	0.42											
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	24	22	18	12	24	22	18	12	23	21	20	16	11											
	KW	4.11	4.19	4.32	4.45	4.41	4.50	4.63	4.78	4.67	4.77	4.91	5.07	4.90	5.00	5.16	5.33	5.10	5.21	5.37	5.54	5.27	5.38	5.55	5.73												
	Amps	20.6	21.0	21.5	22.1	21.8	22.2	22.8	23.4	23.3	23.7	24.3	25.0	24.5	25.0	25.6	26.4	26.4	25.7	26.2	26.9	27.8	26.9	27.5	28.2	29.1											
	Hi PR	253	273	288	300	284	306	323	337	323	348	367	383	368	396	418	436	436	414	446	471	491	458	493	520	543											
	Lo PR	110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	157	133	141	154	164	137	146	159	170											
	MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	52.8	57.2	61.4	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0											
	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40												
	ΔT	23	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	20	17	11											
KW	4.08	4.16	4.28	4.41	4.37	4.46	4.60	4.74	4.63	4.73	4.88	5.03	4.86	4.96	5.12	5.28	5.28	5.06	5.16	5.33	5.50	5.23	5.34	5.51	5.69												
Amps	20.5	20.8	21.3	21.9	21.7	22.1	22.6	23.3	23.1	23.5	24.1	24.8	24.3	24.8	25.4	26.2	26.2	25.5	26.0	26.7	27.5	26.7	27.3	28.0	28.9												
Hi PR	251	270	285	297	281	303	320	334	320	344	364	379	365	392	414	432	432	410	441	466	486	453	488	515	537												
Lo PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	155	131	140	153	162	136	145	158	168												
MBh	50.9	52.4	56.7	60.9	49.7	51.2	55.4	59.5	48.5	50.0	54.1	58.1	47.3	48.8	52.8	56.6	56.6	45.0	46.3	50.1	53.8	41.7	42.9	46.4	49.8												
S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.90	0.80	0.61	0.39													
ΔT	24	22	18	12	24	22	18	13	24	22	18	13	24	22	18	13	24	22	18	13	24	22	21	17	12												
KW	3.99	4.07	4.19	4.31	4.27	4.36	4.49	4.63	4.53	4.62	4.76	4.91	4.75	4.85	5.00	5.16	5.16	4.94	5.04	5.20	5.37	5.10	5.21	5.37	5.55												
Amps	20.1	20.4	20.9	21.5	21.2	21.6	22.2	22.8	22.6	23.0	23.6	24.3	23.8	24.2	24.9	25.6	25.6	25.0	25.5	26.1	26.9	26.1	26.7	27.4	28.2												
Hi PR	243	262	276	288	273	294	310	324	311	334	353	368	354	381	402	419	419	398	428	452	472	440	473	500	521												
Lo PR	105	112	122	130	111	118	129	138	116	123	134	143	122	129	141	150	150	127	136	148	158	132	140	153	163												

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction access fittings.  
 Design Subcooling, 1.1±3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 1.1±2 °F @ the compressor suction access fitting connection.

Shaded area reflects ACCA (TVA) conditions.  
 Amps: Unit amps (comp. + evaporator + condenser fan motors)  
 kW = Total system power

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
<b>80</b>	MBh	57.8	59.1	63.1	67.5	56.5	57.7	61.6	65.9	55.1	56.3	60.2	64.3	53.8	55.0	58.7	62.8	51.1	52.2	55.8	59.6	47.3	48.4	51.7	55.2
	S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.82	0.61
	ΔT	25	24	21	17	25	24	21	17	26	24	21	17	25	25	21	17	24	24	24	21	22	23	20	16
	KW	4.14	4.22	4.35	4.48	4.44	4.53	4.67	4.81	4.71	4.80	4.95	5.11	4.94	5.04	5.20	5.37	5.14	5.25	5.41	5.59	5.31	5.42	5.60	5.78
	Amps	20.7	21.1	21.6	22.2	22.0	22.4	23.0	23.6	23.4	23.9	24.5	25.2	24.7	25.1	25.8	26.6	25.9	26.4	27.1	28.0	27.1	27.7	28.4	29.3
	Hi PR	256	275	291	303	287	309	326	340	327	351	371	387	372	400	423	441	418	450	476	496	462	498	525	548
	Lo PR	111	118	129	137	117	125	136	145	122	129	141	151	128	136	148	158	134	143	156	166	139	147	161	171
<b>1535</b>	MBh	51.8	52.9	56.6	60.5	50.6	51.7	55.2	59.1	49.4	50.5	53.9	57.6	48.2	49.2	52.6	56.2	45.8	46.8	50.0	53.4	42.4	43.3	46.3	49.5
	S/T	0.86	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.56	0.98	0.92	0.75	0.56
	ΔT	27	25	22	18	27	26	22	18	27	26	22	18	27	26	23	18	27	26	22	18	25	24	21	17
	KW	4.02	4.10	4.22	4.35	4.31	4.39	4.53	4.67	4.56	4.65	4.80	4.95	4.79	4.89	5.04	5.20	4.98	5.08	5.24	5.41	5.14	5.25	5.42	5.59
	Amps	20.2	20.5	21.0	21.6	21.4	21.8	22.3	22.9	22.8	23.2	23.8	24.5	24.0	24.4	25.1	25.8	25.2	25.6	26.3	27.1	26.3	26.9	27.6	28.4
	Hi PR	246	264	279	291	276	297	313	327	314	338	356	372	357	384	406	423	402	432	457	476	444	478	505	526
	Lo PR	106	113	124	132	112	120	131	139	117	124	136	145	123	131	143	152	129	137	149	159	133	142	155	165
<b>1965</b>	MBh	58.8	60.0	62.8	67.0	57.5	58.6	61.3	65.4	56.1	57.2	59.9	63.9	54.7	55.8	58.4	62.3	52.0	53.0	55.5	59.2	48.2	49.1	51.4	54.8
	S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.78	1.00	1.00	0.98	0.79
	ΔT	27	26	25	22	27	27	25	22	26	27	25	22	26	26	25	22	24	25	25	22	23	23	23	20
	KW	4.17	4.26	4.38	4.52	4.47	4.57	4.71	4.85	4.74	4.84	4.99	5.15	4.98	5.08	5.24	5.41	5.18	5.29	5.46	5.63	5.35	5.47	5.64	5.83
	Amps	20.9	21.3	21.8	22.4	22.1	22.5	23.1	23.8	23.6	24.0	24.7	25.4	24.8	25.3	26.0	26.8	26.1	26.6	27.3	28.2	27.3	27.9	28.7	29.5
	Hi PR	258	278	294	306	290	312	330	344	330	355	375	391	376	404	427	445	423	455	480	501	467	503	531	553
	Lo PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173
<b>85</b>	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
	S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
	ΔT	28	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	27	27	26	23	25	25	24	21
	KW	4.14	4.22	4.35	4.48	4.44	4.53	4.67	4.81	4.71	4.80	4.95	5.11	4.94	5.04	5.20	5.37	5.14	5.25	5.41	5.59	5.31	5.42	5.60	5.78
	Amps	20.7	21.1	21.6	22.2	22.0	22.4	23.0	23.6	23.4	23.9	24.5	25.2	24.7	25.1	25.8	26.6	25.9	26.4	27.1	28.0	27.1	27.7	28.4	29.3
	Hi PR	256	275	291	303	287	309	326	340	327	351	371	387	372	400	423	441	418	450	476	496	462	498	525	548
	Lo PR	111	118	129	137	117	125	136	145	122	129	141	151	128	136	148	158	134	143	156	166	139	147	161	171
<b>1535</b>	MBh	52.7	53.7	56.3	60.0	51.5	52.5	55.0	58.6	50.3	51.2	53.7	57.2	49.0	50.0	52.3	55.8	46.6	47.5	49.7	53.1	43.1	44.0	46.1	49.1
	S/T	0.90	0.87	0.78	0.63	0.93	0.90	0.81	0.66	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	0.99	0.90	0.73
	ΔT	28	28	26	23	29	28	27	23	29	28	27	23	29	28	27	23	28	28	26	23	26	26	25	21
	KW	4.05	4.13	4.25	4.38	4.34	4.43	4.56	4.70	4.60	4.69	4.84	4.99	4.82	4.92	5.08	5.24	5.02	5.12	5.28	5.45	5.18	5.29	5.46	5.64
	Amps	20.3	20.7	21.2	21.8	21.5	21.9	22.5	23.1	22.9	23.4	24.0	24.7	24.1	24.6	25.2	26.0	25.3	25.8	26.5	27.3	26.5	27.1	27.8	28.6
	Hi PR	248	267	282	294	279	300	317	330	317	341	360	375	361	388	410	428	406	437	461	481	448	483	510	532
	Lo PR	108	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction access fittings.  
 Design Subcooling, 11±3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 11.1±2 °F @ the compressor suction access fitting connection.  
 Shaded area reflects AHRI (TVA) conditions.  
 Amps: Unit amps (comp. + evaporator + condenser fan motors)  
 kW = Total system power

**DP14GM2404041\*\* - 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	850	100	1,095	198
0.2	650	71	47	785	100	39	1,010	180	30	800	106	1,060	202
0.3	605	77	51	745	108	41	970	186	32	765	116	1,025	214
0.4	565	89	54	700	117	44	935	192	33	730	125	985	217
0.5	480	99	X	665	127	46	890	203	35	680	131	945	227
0.6	415	106	X	575	138	53	850	208	36	610	141	905	233
0.7	365	110	X	510	146	X	815	216	38	550	153	865	237
0.8	320	119	X	455	155	X	755	222	41	490	159	825	246

**DP14GM2406041\*\* - 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	850	100	1,095	198
0.2	650	71	X	785	100	59	1,010	180	46	800	106	1,060	202
0.3	605	77	X	745	108	X	970	186	48	765	116	1,025	214
0.4	565	89	X	700	117	X	935	192	49	730	125	985	217
0.5	480	99	X	665	127	X	890	203	52	680	131	945	227
0.6	415	106	X	575	138	X	850	208	54	610	141	905	233
0.7	365	110	X	510	146	X	815	216	57	550	153	865	237
0.8	320	119	X	455	155	X	755	222	X	490	159	825	246

**DP14GM3004041\*\* - 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	1,035	174	1,225	276
0.2	640	72	48	795	109	39	995	184	31	995	184	1,185	275
0.3	605	80	51	750	117	41	960	192	32	960	192	1,150	289
0.4	555	89	X	710	126	43	925	205	33	925	205	1,115	296
0.5	490	93	X	660	132	47	875	200	35	875	200	1,085	303
0.6	455	107	X	615	138	50	840	217	37	840	217	1,045	312
0.7	395	109	X	570	150	54	795	222	39	795	222	1,000	315
0.8	350	119	X	515	157	X	755	226	41	755	226	960	320

**DP14GM3006041\*\* - 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	1,035	174	1,225	276
0.2	640	72	X	795	109	58	995	184	46	995	184	1,185	275
0.3	605	80	X	750	117	X	960	192	48	960	192	1,150	289
0.4	555	89	X	710	126	X	925	205	50	925	205	1,115	296
0.5	490	93	X	660	132	X	875	200	53	875	200	1,085	303
0.6	455	107	X	615	138	X	840	217	55	840	217	1,045	312
0.7	395	109	X	570	150	X	795	222	58	795	222	1,000	315
0.8	350	119	X	515	157	X	755	226	X	755	226	960	320



## DP14GM3604041\*\* - 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	1,305	311	1,440	426
0.2	690	84	45	1,075	215	29	1,230	290	X	1,265	320	1,390	428
0.3	635	91	48	1,030	221	30	1,175	300	26	1,225	325	1,365	440
0.4	570	98	54	985	233	31	1,140	303	27	1,180	334	1,335	440
0.5	505	107	X	940	234	33	1,100	311	28	1,140	338	1,295	456
0.6	450	115	X	895	242	34	1,055	319	29	1,095	349	1,255	456
0.7	395	118	X	845	248	36	1,010	326	30	1,050	350	1,220	465
0.8	345	126	X	785	252	39	960	335	32	1,010	357	1,180	468

## DP14GM3606041\*\* - 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	1,305	311	1,440	426
0.2	690	84	X	1,075	215	43	1,230	290	37	1,265	320	1,390	428
0.3	635	91	X	1,030	221	45	1,175	300	39	1,225	325	1,365	440
0.4	570	98	X	985	233	47	1,140	303	40	1,180	334	1,335	440
0.5	505	107	X	940	234	49	1,100	311	42	1,140	338	1,295	456
0.6	450	115	X	895	242	52	1,055	319	44	1,095	349	1,255	456
0.7	395	118	X	845	248	55	1,010	326	46	1,050	350	1,220	465
0.8	345	126	X	785	252	59	960	335	48	1,010	357	1,180	468

## DP14GM3608041\*\* - 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	1,305	311	1,440	426
0.2	690	84	X	1,075	215	57	1,230	290	50	1,265	320	1,390	428
0.3	635	91	X	1,030	221	60	1,175	300	52	1,225	325	1,365	440
0.4	570	98	X	985	233	X	1,140	303	54	1,180	334	1,335	440
0.5	505	107	X	940	234	X	1,100	311	56	1,140	338	1,295	456
0.6	450	115	X	895	242	X	1,055	319	58	1,095	349	1,255	456
0.7	395	118	X	845	248	X	1,010	326	X	1,050	350	1,220	465
0.8	345	126	X	785	252	X	960	335	X	1,010	357	1,180	468

## DP14GM4206041\*\* - 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	830	99	56	1,185	228	39	1,335	317	35	1,335	320	1,630	556
0.2	785	106	59	1,140	232	40	1,300	325	35	1,305	331	1,595	561
0.3	730	116	X	1,100	247	42	1,265	331	36	1,265	343	1,555	566
0.4	675	122	X	1,060	253	44	1,215	338	38	1,225	343	1,520	571
0.5	630	129	X	1,020	258	45	1,170	346	39	1,190	343	1,485	568
0.6	575	138	X	975	267	47	1,135	351	41	1,135	351	1,450	576
0.7	520	144	X	900	274	51	1,085	354	42	1,095	358	1,410	579
0.8	440	150	X	855	282	54	1,025	361	45	1,040	367	1,370	590

**DP14GM4208041\*\* - 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	830	99	X	1,185	228	52	1,335	317	46	1,335	320	1,630	556
0.2	785	106	X	1,140	232	54	1,300	325	47	1,305	331	1,595	561
0.3	730	116	X	1,100	247	56	1,265	331	49	1,265	343	1,555	566
0.4	675	122	X	1,060	253	58	1,215	338	51	1,225	343	1,520	571
0.5	630	129	X	1,020	258	X	1,170	346	53	1,190	343	1,485	568
0.6	575	138	X	975	267	X	1,135	351	54	1,135	351	1,450	576
0.7	520	144	X	900	274	X	1,085	354	57	1,095	358	1,410	579
0.8	440	150	X	855	282	X	1,025	361	60	1,040	367	1,370	590

**DP14GM4806041\*\* - 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	1,570	447	1,780	647
0.2	1,000	166	46	1,320	312	35	1,360	335	34	1,520	452	1,740	658
0.3	940	173	49	1,270	318	36	1,305	343	35	1,480	468	1,695	661
0.4	880	181	52	1,220	327	38	1,260	353	37	1,425	479	1,640	679
0.5	825	189	56	1,160	336	40	1,200	359	38	1,380	479	1,595	675
0.6	760	204	X	1,115	342	41	1,150	371	40	1,335	485	1,550	693
0.7	705	207	X	1,060	347	44	1,110	375	42	1,285	491	1,505	690
0.8	625	210	X	1,000	361	46	1,060	381	44	1,235	501	1,465	696

**DP14GM4808041\*\* - 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	1,570	447	1,780	647
0.2	1,000	166	X	1,320	312	47	1,360	335	45	1,520	452	1,740	658
0.3	940	173	X	1,270	318	48	1,305	343	47	1,480	468	1,695	661
0.4	880	181	X	1,220	327	50	1,260	353	49	1,425	479	1,640	679
0.5	825	189	X	1,160	336	53	1,200	359	51	1,380	479	1,595	675
0.6	760	204	X	1,115	342	55	1,150	371	53	1,335	485	1,550	693
0.7	705	207	X	1,060	347	58	1,110	375	55	1,285	491	1,505	690
0.8	625	210	X	1,000	361	X	1,060	381	58	1,235	501	1,465	696

**DP14GM4810041\*\* - 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	1,570	447	1,780	647
0.2	1,000	166	X	1,320	312	58	1,520	335	51	1,520	452	1,740	658
0.3	940	173	X	1,270	318	61	1,480	343	52	1,480	468	1,695	661
0.4	880	181	X	1,220	327	63	1,425	353	54	1,425	479	1,640	679
0.5	825	189	X	1,160	336	X	1,380	359	56	1,380	479	1,595	675
0.6	760	204	X	1,115	342	X	1,335	371	58	1,335	485	1,550	693
0.7	705	207	X	1,060	347	X	1,285	375	60	1,285	491	1,505	690
0.8	625	210	X	1,000	361	X	1,235	381	62	1,235	501	1,465	696

## DP14GM6008041\*\* - RISE RANGE: 30° - 60°

E.S.P.	T1 LOW-STAGE HEATING			T2 HIGH-STAGE HEATING			T3 LOW-STAGE COOLING		T4 HIGH-STAGE COOLING		T5 COOLING SPEED	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS	CFM	WATTS
0.1	1,285	252	36	1,370	297	45	1,340	276	1780	620	1,940	844
0.2	1,235	259	37	1,330	304	46	1,270	279	1745	646	1,910	834
0.3	1,180	272	39	1,280	314	48	1,235	292	1700	640	1,880	840
0.4	1,130	272	41	1,220	321	50	1,175	296	1655	638	1,825	857
0.5	1,085	280	42	1,180	341	52	1,135	308	1610	656	1,790	865
0.6	1,035	294	45	1,135	339	54	1,085	318	1560	659	1,735	867
0.7	975	297	47	1,085	347	57	1,040	328	1520	664	1,700	877
0.8	910	319	51	1,035	359	59	975	337	1475	675	1,660	886

## DP14GM6010041\*\* - RISE RANGE: 35° - 65°

E.S.P.	T1 LOW-STAGE HEATING			T2 HIGH-STAGE HEATING			T3 LOW-STAGE COOLING		T4 HIGH-STAGE COOLING		T5 COOLING SPEED	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS	CFM	WATTS
0.1	1,175	169	49	1,485	311	52	1,340	276	1780	620	1,940	844
0.2	1,115	178	52	1,425	317	54	1,270	279	1745	646	1,910	834
0.3	1,045	183	55	1,385	331	55	1,235	292	1700	640	1,880	840
0.4	985	194	59	1,350	341	57	1,175	296	1655	638	1,825	857
0.5	905	199	64	1,295	351	59	1,135	308	1610	656	1,790	865
0.6	840	215	X	1,235	359	62	1,085	318	1560	659	1,735	867
0.7	770	218	X	1,180	371	X	1,040	328	1520	664	1,700	877
0.8	700	229	X	1,125	386	X	975	337	1475	675	1,660	886

## DP14GM6012041\*\* - RISE RANGE: 35° - 65°

E.S.P.	T1 LOW-STAGE HEATING			T2 HIGH-STAGE HEATING			T3 LOW-STAGE COOLING		T4 HIGH-STAGE COOLING		T5 COOLING SPEED	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS	CFM	WATTS
0.1	1,345	281	51	1,745	558	53	1,340	276	1780	620	1,940	844
0.2	1,300	286	53	1,705	567	54	1,270	279	1745	646	1,910	834
0.3	1,255	295	55	1,660	572	56	1,235	292	1700	640	1,880	840
0.4	1,205	308	57	1,620	582	57	1,175	296	1655	638	1,825	857
0.5	1,165	322	59	1,580	589	58	1,135	308	1610	656	1,790	865
0.6	1,110	335	62	1,535	604	60	1,085	318	1560	659	1,735	867
0.7	1,055	334	X	1,485	613	62	1,040	328	1520	664	1,700	877
0.8	1,010	346	X	1,435	606	64	975	337	1475	675	1,660	886

**DP14GM6108041\*\* - RISE RANGE: 30° - 60°**

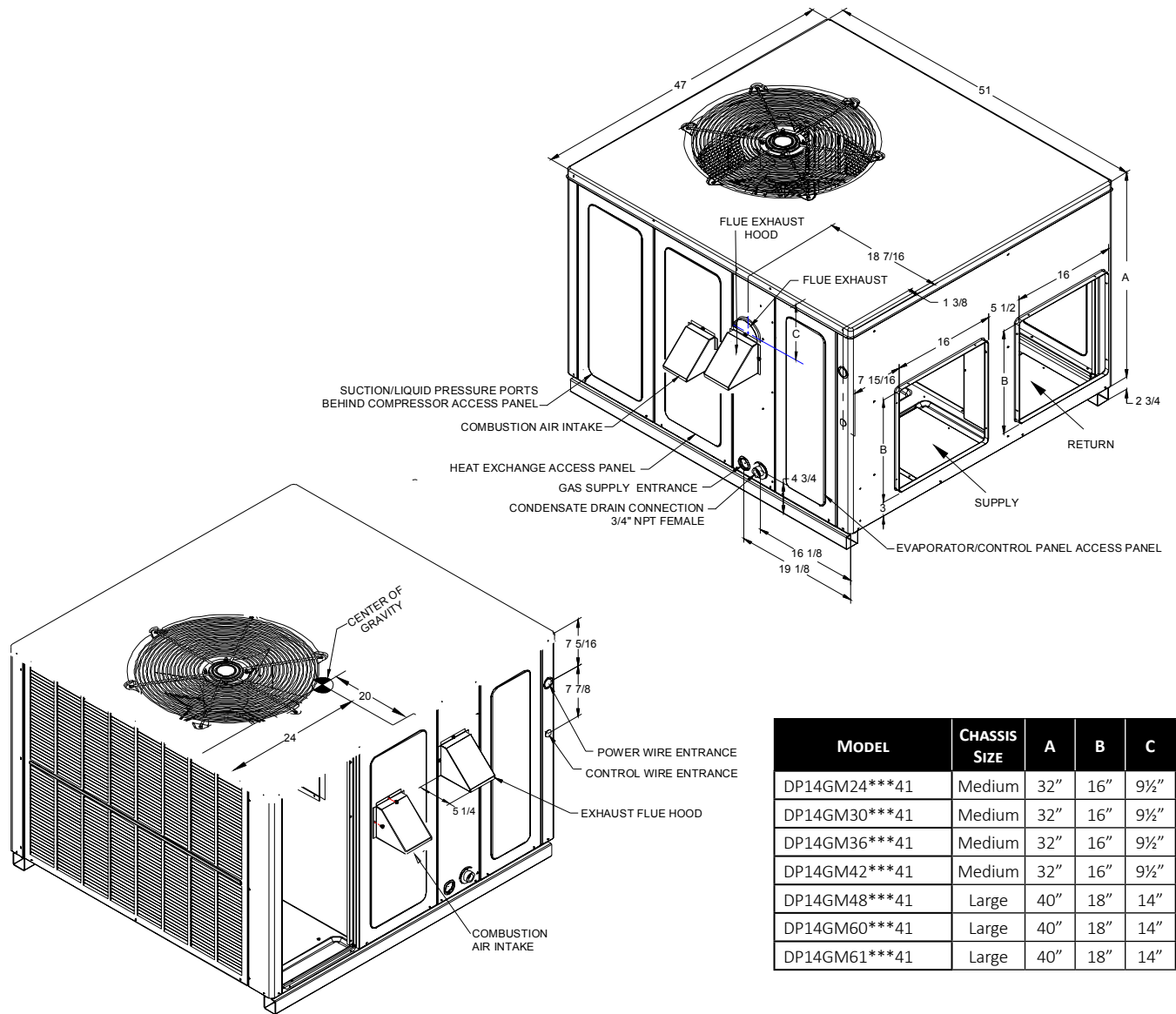
ESP	T1 LOW-STAGE HEATING			T2 HIGH-STAGE HEATING			T3 LOW-STAGE COOLING		T4 HIGH-STAGE COOLING		T5 COOLING SPEED	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS	CFM	WATTS
0.1	1,285	252	36	1,370	297	45	1,340	276	1780	620	1,940	844
0.2	1,235	259	37	1,330	304	46	1,270	279	1745	646	1,910	834
0.3	1,180	272	39	1,280	314	48	1,235	292	1700	640	1,880	840
0.4	1,130	272	41	1,220	321	50	1,175	296	1655	638	1,825	857
0.5	1,085	280	42	1,180	341	52	1,135	308	1610	656	1,790	865
0.6	1,035	294	45	1,135	339	54	1,085	318	1560	659	1,735	867
0.7	975	297	47	1,085	347	57	1,040	328	1520	664	1,700	877
0.8	910	319	51	1,035	359	59	975	337	1475	675	1,660	886

**DP14GM6110041\*\* - RISE RANGE: 35° - 65°**

ESP	T1 LOW-STAGE HEATING			T2 HIGH-STAGE HEATING			T3 LOW-STAGE COOLING		T4 HIGH-STAGE COOLING		T5 COOLING SPEED	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS	CFM	WATTS
0.1	1,175	169	49	1,485	311	52	1,340	276	1780	620	1,940	844
0.2	1,115	178	52	1,425	317	54	1,270	279	1745	646	1,910	834
0.3	1,045	183	55	1,385	331	55	1,235	292	1700	640	1,880	840
0.4	985	194	59	1,350	341	57	1,175	296	1655	638	1,825	857
0.5	905	199	64	1,295	351	59	1,135	308	1610	656	1,790	865
0.6	840	215	X	1,235	359	62	1,085	318	1560	659	1,735	867
0.7	770	218	X	1,180	371	X	1,040	328	1520	664	1,700	877
0.8	700	229	X	1,125	386	X	975	337	1475	675	1,660	886

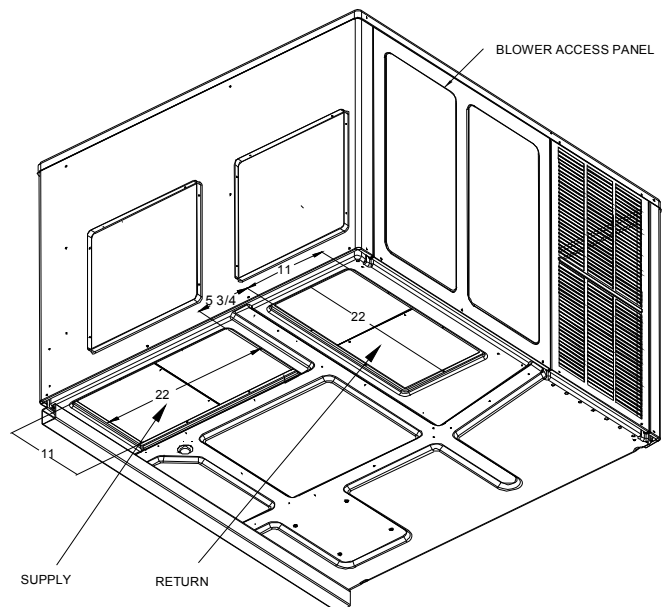
**DP14GM6112041\*\* - RISE RANGE: 35° - 65°**

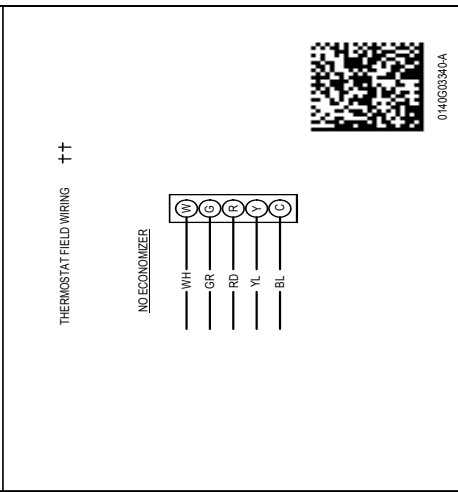
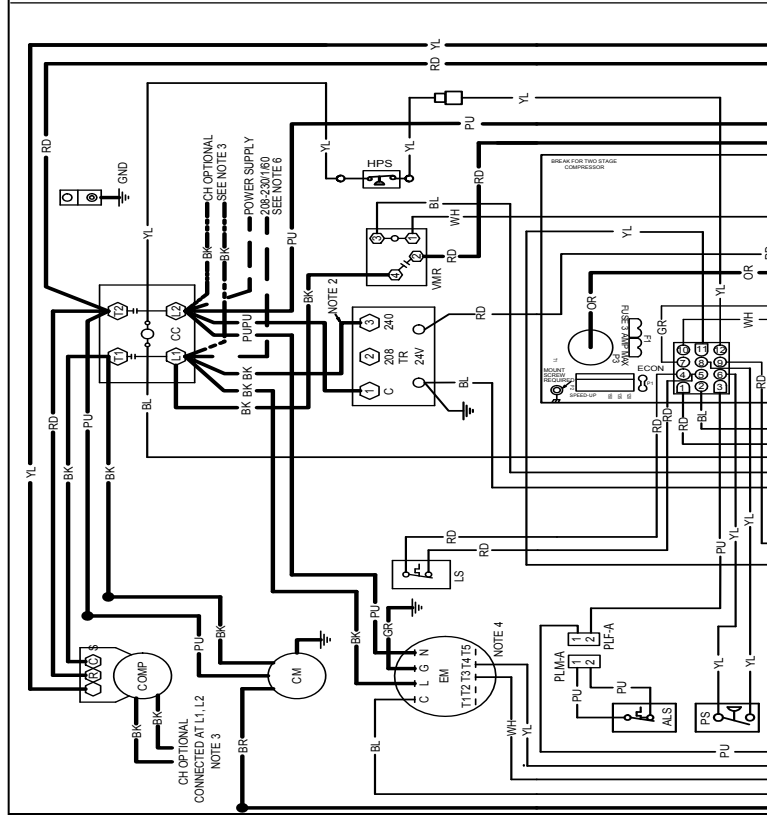
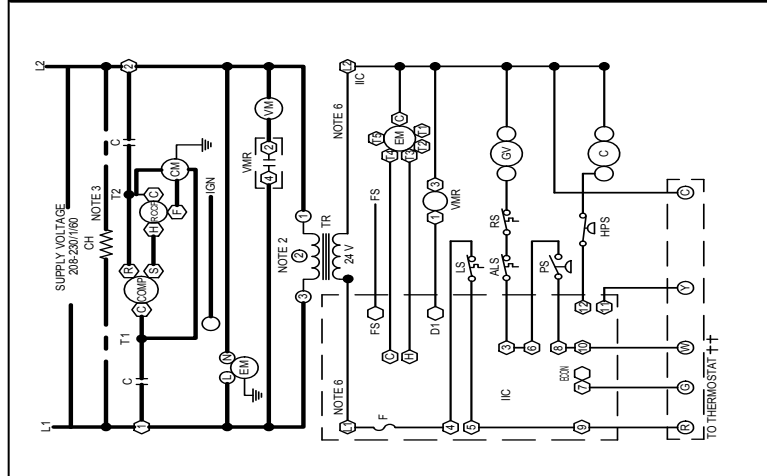
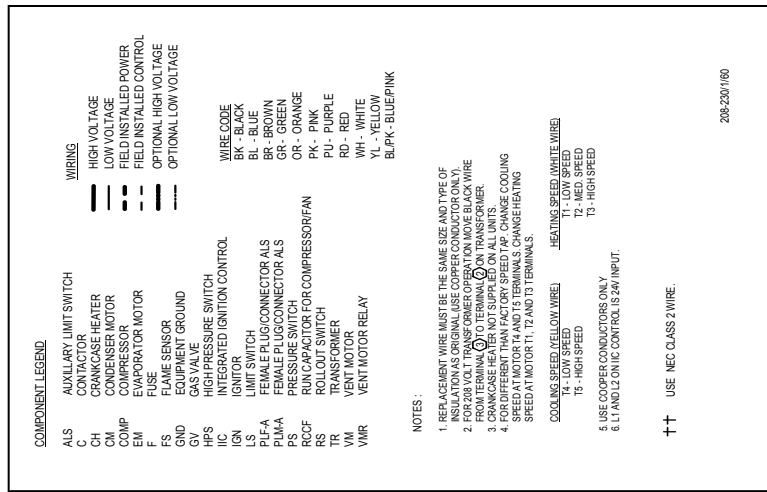
ESP	T1 LOW-STAGE HEATING			T2 HIGH-STAGE HEATING			T3 LOW-STAGE COOLING		T4 HIGH-STAGE COOLING		T5 COOLING SPEED	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS	CFM	WATTS
0.1	1,345	281	51	1,745	558	53	1,340	276	1780	620	1,940	844
0.2	1,300	286	53	1,705	567	54	1,270	279	1745	646	1,910	834
0.3	1,255	295	55	1,660	572	56	1,235	292	1700	640	1,880	840
0.4	1,205	308	57	1,620	582	57	1,175	296	1655	638	1,825	857
0.5	1,165	322	59	1,580	589	58	1,135	308	1610	656	1,790	865
0.6	1,110	335	62	1,535	604	60	1,085	318	1560	659	1,735	867
0.7	1,055	334	X	1,485	613	62	1,040	328	1520	664	1,700	877
0.8	1,010	346	X	1,435	606	64	975	337	1475	675	1,660	886



MODEL	CHASSIS SIZE	A	B	C
DP14GM24***41	Medium	32"	16"	9½"
DP14GM30***41	Medium	32"	16"	9½"
DP14GM36***41	Medium	32"	16"	9½"
DP14GM42***41	Medium	32"	16"	9½"
DP14GM48***41	Large	40"	18"	14"
DP14GM60***41	Large	40"	18"	14"
DP14GM61***41	Large	40"	18"	14"

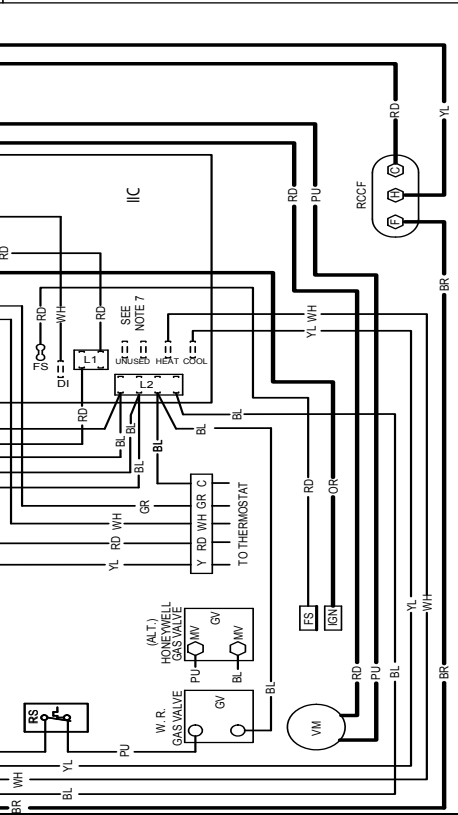
MODEL	DIMENSIONS		
	W"	D"	H"
DP14GM24***41	47	51	34¾
DP14GM30***41	47	51	34¾
DP14GM36***41	47	51	34¾
DP14GM42***41	47	51	34¾
DP14GM48***41	47	51	42¾
DP14GM60***41	47	51	42¾
DP14GM61***41	47	51	42¾





INSTALLER/SERVICEMAN THE STATUS LIGHT ON THE FURANCE 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 FAULT	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE OR OPEN ROLL-OUT SWITCH OR OPEN AUX. LIMIT SWITCH	GAS FLOW GAS PRESSURE FLAME SENSOR FLAME ROLL-OUT BAD SWITCH AUX. LIMIT OPEN
2 BLINKS	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH
3 BLINKS	PRESSURE SWITCH CLOSED WITHOUT INDUCER ON	CHECK PRESSURE SWITCH
4 BLINKS	OPEN LIMIT SWITCH	MAIN LIMIT OPEN BAD SWITCH
5 BLINKS	FALSE FLAME SENSED	STICKING GAS VALVE
6 BLINKS	COMPRESSOR OUTPUT DELAY	3 MIN. COMP. ANTI-CYCLE TIMER



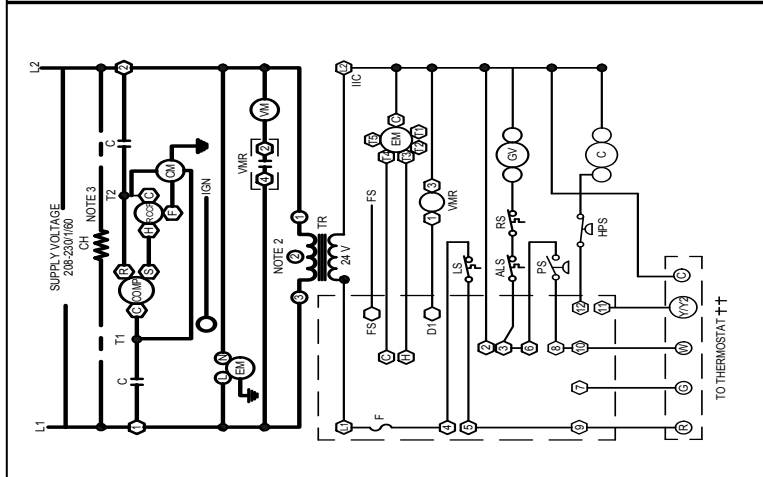
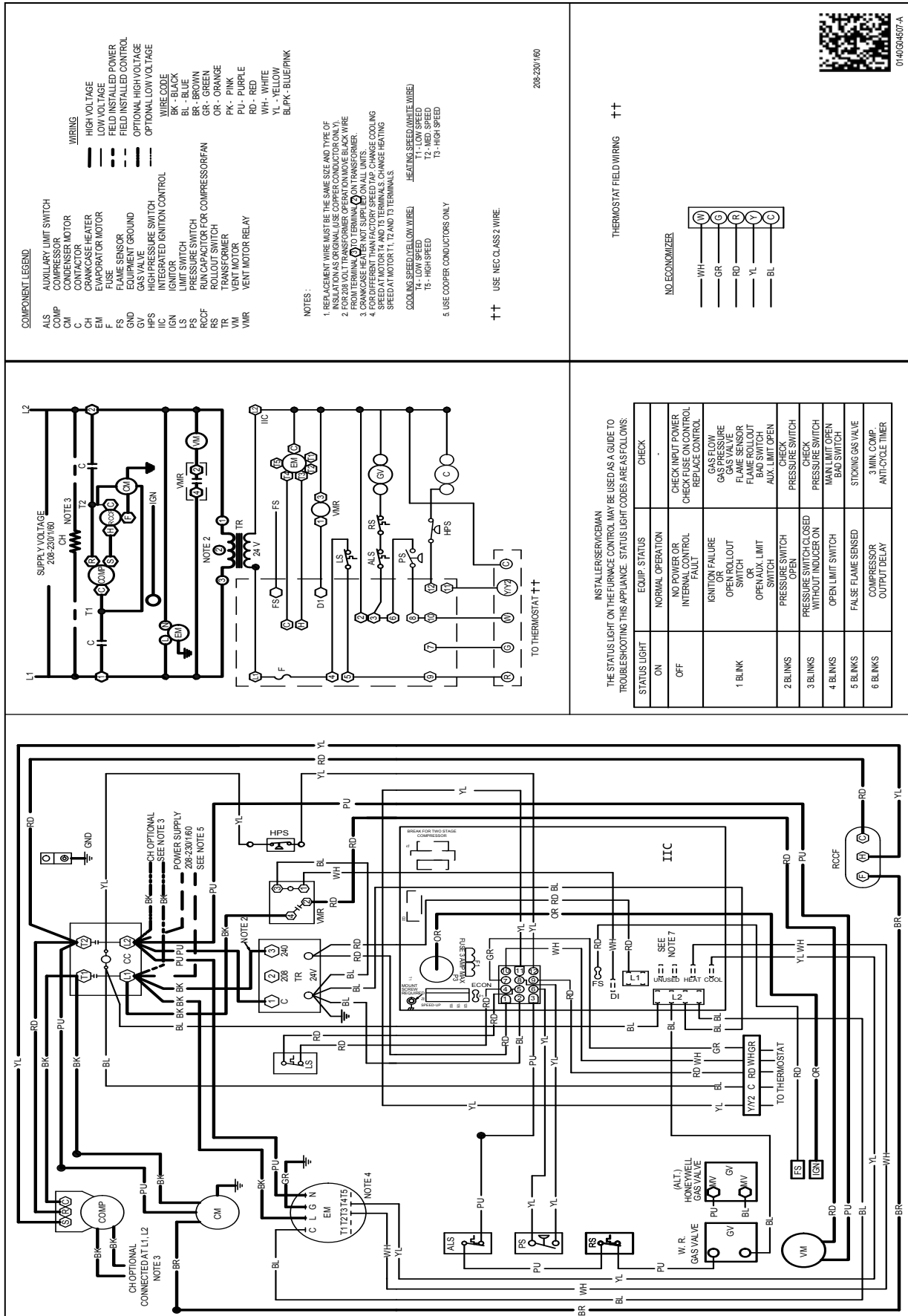
Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

**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.

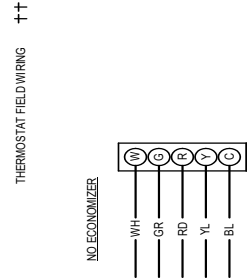


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INSTALLER/SERVICEMAN THE STATUS LIGHT ON THE URANCE CONTROL MAY BE USED AS A GUIDE TO TROUBLESHOOTING THIS APPLIANCE. STATUS LIGHT CODES ARE AS FOLLOWS.

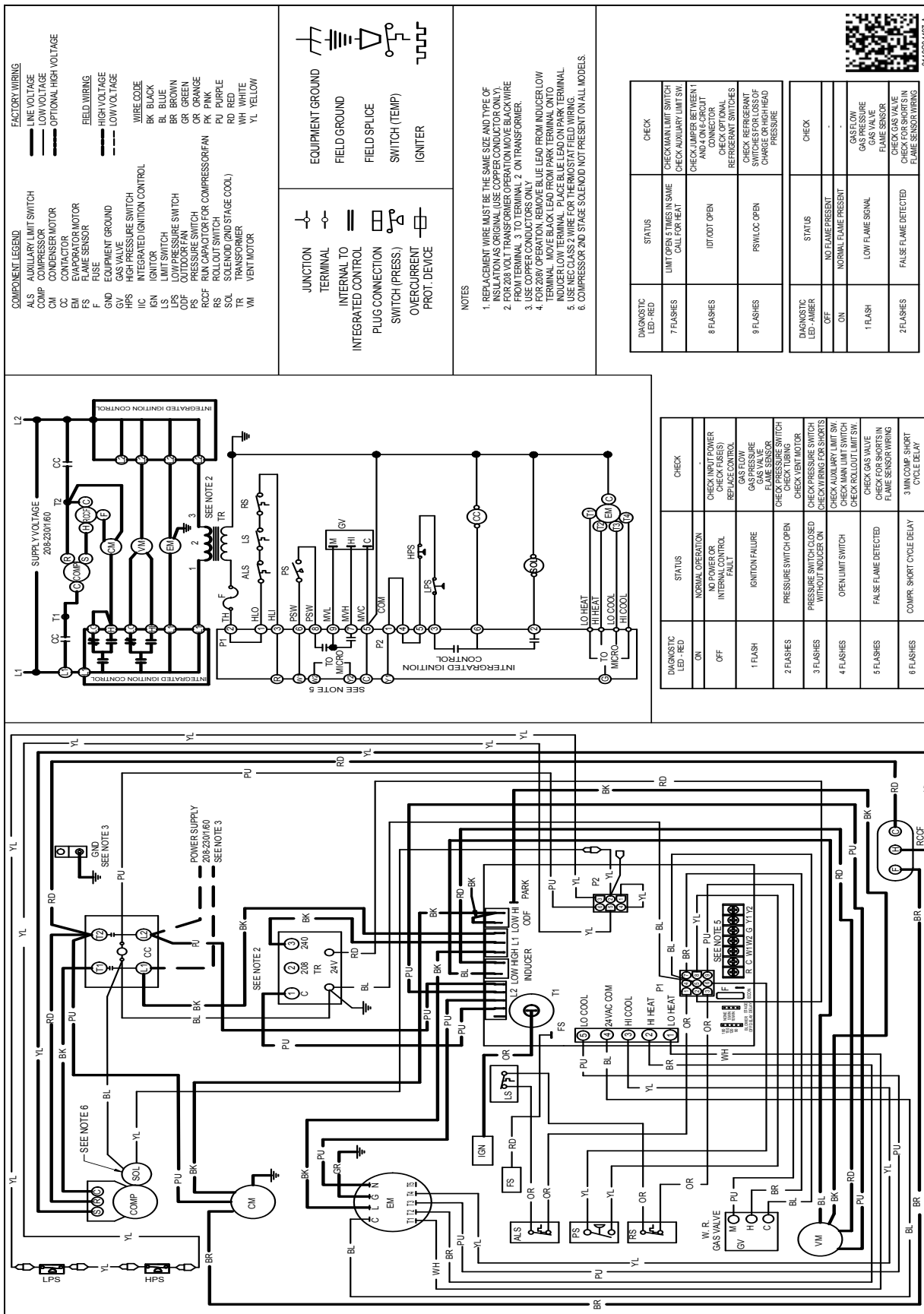
STATUS LIGHT	EQUIP. STATUS	CHECK
ON	NORMAL OPERATION	-
OFF	NO POWER OR INTERNAL CONTROL FAULT	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE OR OPEN ROLL-OUT SWITCH OR OPEN AUX. LIMIT SWITCH	GAS FLOW GAS PRESSURE FLAME ROLL-OUT FLAME SENSOR BAD SWITCH AUX. LIMIT OPEN
2 BLINKS	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH
3 BLINKS	PRESSURE SWITCH CLOSED WITHOUT INDUCER ON	CHECK PRESSURE SWITCH
4 BLINKS	OPEN LIMIT SWITCH	WANT LIMIT OPEN BAD SWITCH
5 BLINKS	FALSE FLAME SENSED	STOKING GAS VALVE
6 BLINKS	COMPRESSOR OUTPUT DELAY	3 MIN. COMP. ANTI-CYCLE TIMER



Wiring is subject to change. Always refer to the wiring diagram on 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.



**COMPONENT LEGEND**

- ALS: AUXILIARY LIMIT SWITCH
- CC: CONTACTOR
- EM: EVAPORATOR MOTOR
- F: FUSE
- GND: EQUIPMENT GROUND
- HPS: HIGH PRESSURE SWITCH
- IIC: INTEGRATED IGNITION CONTROL
- IGN: IGNITOR
- LS: LIMIT SWITCH
- PS: PRESSURE SWITCH
- RS: RUN CAPACITOR FOR COMPRESSOR
- SOL: SOLENOID (2ND STAGE COOL)
- TR: TRANSFORMER
- VM: VENT MOTOR

**FACTORY WIRING**

- LINE VOLTAGE
- LOW VOLTAGE
- OPTIONAL HIGH VOLTAGE

**FIELD WIRING**

- HIGH VOLTAGE
- LOW VOLTAGE

**WIRE CODE**

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

**JUNCTION**

**TERMINAL TO**

**INTEGRATED CONTROL**

**PLUG CONNECTION**

**SWITCH (PRESS.)**

**OVERCURRENT PROT. DEVICE**

**EQUIPMENT GROUND**

**FIELD GROUND**

**FIELD SPLICE**

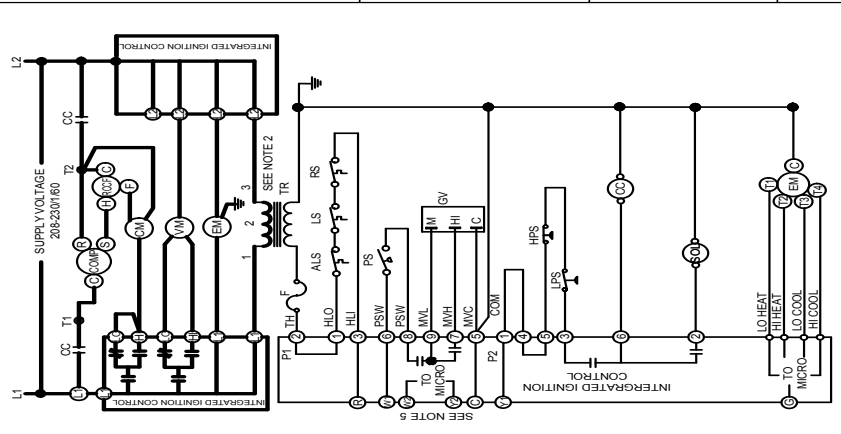
**SWITCH (TEMP)**

**IGNITER**

**NOTES**

- REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (USE COPPER CONDUCTOR ONLY).
- FOR 208 VOLT TRANSFORMER OPERATOR MOVE BLACK WIRE FROM TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
- USE COPPER WIRE FOR ALL WIRING. USE BLUE LEAD FROM INDUCER/LOW TERMINAL. MOVE BLACK LEAD FROM PARK TERMINAL ONTO INDUCER/LOW TERMINAL. PLACE BLUE LEAD ON PARK TERMINAL.
- USE NEC CLASS 2 WIRE FOR THERMOSTAT FIELD WIRING.
- COMPRESSOR 2ND STAGE SOLENOID NOT PRESENT ON ALL MODELS.

DIAGNOSTIC LED - RED	STATUS	CHECK
7 FLASHES	LIMIT OPEN 5 TIMES IN SAME CALL FOR HEAT	CHECK MAIN LIMIT SWITCH CHECK AUXILIARY LIMIT SW CHECK JUMPER BETWEEN 1 AND 4 ON 6-CIRCUIT CONNECTOR CHECK REFRIGERANT PRESSURE SWITCHES
8 FLASHES	IDT/OUT OPEN	CHECK REFRIGERANT SWITCHES FOR LOSS OF CHARGE OR HIGH HEAD PRESSURE
9 FLASHES	PS/WLOC OPEN	CHECK REFRIGERANT SWITCHES FOR LOSS OF CHARGE OR HIGH HEAD PRESSURE
DIAGNOSTIC LED - AMBER	STATUS	CHECK
OFF	NO FLAME PRESENT	-
ON	NORMAL FLAME PRESENT	-
1 FLASH	LOW FLAME SIGNAL	GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR
2 FLASHES	FALSE FLAME DETECTED	CHECK GAS VALVE CHECK GAS FLOW IN FLAME SENSOR WIRING



DIAGNOSTIC LED - RED	STATUS	CHECK
ON	NORMAL OPERATION	-
OFF	NO POWER OR INTERMITTENT CONTROL	CHECK WIRE POWER CHECK FUSES REPLACE CONTROL
1 FLASH	IGNITION FAILURE	GAS FLOW GAS PRESSURE FLAME SENSOR CHECK TUBING
2 FLASHES	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH CHECK TUBING
3 FLASHES	PRESSURE SWITCH CLOSED WITHOUT INDUCER ON	CHECK PRESSURE SWITCH CHECK WIRING FOR SHORTS
4 FLASHES	OPEN LIMIT SWITCH	CHECK AUXILIARY LIMIT SW CHECK ROLL-OUT LIMIT SW
5 FLASHES	FALSE FLAME DETECTED	CHECK GAS VALVE CHECK FOR SHORTS IN FLAME SENSOR WIRING
6 FLASHES	COMPR. SHORT CYCLE DELAY	3 MIN. COMP. SHORT CYCLE DELAY

**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 on the unit for the most up-to-date wiring.