

COOLING CAPACITY: 23,000 TO 57,000 BTU/H

HEATING CAPACITY: 40,000 TO 120,000 BTU/H

PACKAGED GAS / ELECTRIC UNITS

2 TO 5 TONS

14 SEER / 81% AFUE



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Standard Features

- Durable, corrosion-resistant T-140 aluminized steel tubular heat exchanger
- Energy-efficient compressor
- Multi-speed ECM indoor blower motor
- Convertible airflow: horizontal or downflow application
- All-aluminum evaporator coil
- Flowrater expansion device on 2- to 4-ton units; TXV expansion device on 5-ton units
- 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 (40ng/J NOx)
- This furnace does not comply with the SCAQMD Rule 1111 14 ng/J NOx emission limit and therefore is not eligible for installation in California's South Coast Air Quality Management District (SCAQMD). This furnace may be installed in SJVAPCD until 4/1/2022 provided the date of manufacture is September 30, 2021 or earlier and the emission fees are paid.
- AHRI Certified; ETL Listed

Cabinet Features

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

20 YEAR HEAT EXCHANGER LIMITED WARRANTY

10 YEAR PARTS LIMITED WARRANTY

2 YEAR UNIT REPLACEMENT LIMITED WARRANTY



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

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



* Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the 2-Year Unit Replacement Limited Warranty, 20-Year Heat Exchanger Limited Warranty (good for as long as you own your home), and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

	G	P	G	14	36	080	M	4	1	**	
	1	2	3	4,5	6,7	8,9,10	11	12	13	14,15	
Brand										Engineering	
G Goodman® brand										Major/ Minor Revisions	
Product Category										Electrical	
P Packaged Unit										1 208-230/1/60	
Unit Type										Refrigerant	
G Gas/Electric										4 R-410A	
D Dual-Fuel											
Efficiency										Airflow	
14 14 SEER										M Multi-Position	
16 16 SEER											
Nominal Capacity										Heat Input	
24 2 Tons	36 3 Tons	48 4 Tons						40 40 MBTU/h	100 100 MBTU/h		
30 2½ tons	42 3½ Tons	61 5 Tons						60 60 MBTU/h	120 120 MBTU/h		
								80 80 MBTU/h			

	GPG1424 040M41A*	GPG1424 060M41A*	GPG1430 040M41B*	GPG1430 060M41B*	GPG1430 040M41C*	GPG1430 060M41C*
COOLING CAPACITY						
Total BTU/h	23,000	23,000	28,600	28,600	28,600	28,600
Sensible BTU/h	18,400	18,400	22,400	22,400	22,800	22,800
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	78	78	78
AHRI Reference #s	201179203	201179203	201457754	201457754	207252519	207252519
HEATING CAPACITY						
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
EVAPORATOR MOTOR						
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 8"	10" x 8"
Indoor Nominal CFM	800	800	1,000	1,000	1,000	1,000
Motor Speed Tap (Cooling)	T4	T4	T4	T4	T4	T4
Horsepower	1/2	1/2	1/2	1/2	1/2	1/2
EVAPORATOR COIL						
Face Area (ft²)	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	3/14	3/14
Piston Size (Cooling)	0.057	0.057	0.062	0.062	0.062	0.062
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	75	75	78	78	78	78
CONDENSER FAN / COIL						
Horsepower- RPM	1/6- 815	1/6- 815	1/4- 1,075	1/4- 1,075	1/4- 1,075	1/4- 1,075
Diameter / # of Blades	22" / 3	22" / 3	22" / 3	22" / 3	22" / 3	22" / 3
Outdoor Nominal CFM	2,150	2,150	3,050	3,050	3,050	3,050
Face Area (ft²)	12.3	12.3	12.3	12.3	12.3	12.3
Rows Deep/Fins per Inch	1/24	1/24	1/24	1/24	1/24	1/24
COMPRESSOR						
Quantity / Type	1 / Rotary	1 / Rotary	1 / Rotary	1 / Rotary	1 / Scroll	1 / Scroll
Stage	Single	Single	Single	Single	Single	Single
Compressor RLA/LRA	7.7 / 38.0	7.7 / 38.0	10.5 / 47.0	10.5 / 47.0	14.1 / 73.0	14.1 / 73.0
ELECTRICAL DATA						
Voltage-Phase (60 Hz)	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Indoor Blower FLA	3.8	3.8	3.8	3.8	3.8	3.8
Outdoor Fan FLA/LRA	0.95 / 2.0	0.95 / 2.0	1.4 / 3.2	1.4 / 3.2	1.4 / 3.2	1.4 / 3.2
Min. Circuit Ampacity	14.4	14.4	18.3	18.3	22.8	22.8
Max. Overcurrent Protection	20 amps	20 amps	25 amps	25 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"
OPERATING / SHIP WEIGHTS (LBS)	412 / 435	417 / 439	412 / 435	417 / 439	415 / 438	420 / 442

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

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

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

	GPG1436 040M41B*	GPG1436 060M41B*	GPG1436 080M41B*	GPG1436 040M41C*	GPG1436 060M41C*
COOLING CAPACITY					
Total BTU/h	34,200	34,200	34,200	34,200	34,200
Sensible BTU/h	27,000	27,000	27,000	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
Decibels	78	78	78	78	78
AHRI Reference #s	202541525	202541525	202541525	201179243	201179243
HEATING CAPACITY					
Input BTU/h	40,000	60,000	80,000	40,000	60,000
Output BTU/h	31,000	48,000	64,000	31,000	48,000
AFUE	81	81	81	81	81
Temperature Rise Range	25- 55	30- 60	30- 60	25- 55	30- 60
No. of Burners	2	3	4	2	3
Orifice Size (Natural/Propane)	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM
EVAPORATOR MOTOR					
Type	EEM	EEM	EEM	EEM	EEM
Wheel (D x W)	10" x 9"	10" x 9"	10" x 9"	10" x 9"	10" x 9"
Indoor Nominal CFM	1,200	1,200	1,200	1,200	1,200
Motor Speed Tap (Cooling)	T4	T4	T4	T4	T4
Horsepower	1/2	1/2	1/2	1/2	1/2
EVAPORATOR COIL					
Face Area (ft²)	4.3	4.3	4.3	4.3	4.3
Rows Deep/Fins per Inch	4/14	4/14	4/14	4/14	4/14
Piston Size (Cooling)	0.068	0.068	0.068	0.068	0.068
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	62	62	62	92	92
CONDENSER FAN / COIL					
Horsepower- RPM	1/4- 830	1/4- 830	1/4- 830	1/4- 1,075	1/4- 1,075
Diameter / # of Blades	22" / 3	22" / 3	22" / 3	22" / 3	22" / 3
Outdoor Nominal CFM	2,250	2,250	2,250	2,850	2,850
Face Area (ft²)	8.8	8.8	8.8	11.1	11.1
Rows Deep/Fins per Inch	2/27	2/27	2/27	2/27	2/27
COMPRESSOR					
Quantity / Type	1 / Rotary	1 / Rotary	1 / Rotary	1 / Scroll	1 / Scroll
Stage	Single	Single	Single	Single	Single
Compressor RLA/LRA	12.7 / 55.3	12.7 / 55.3	12.7 / 55.3	14.1 / 77.0	14.1 / 77.0
ELECTRICAL DATA					
Voltage-Phase (60 Hz)	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Indoor Blower FLA	3.8	3.8	3.8	3.8	3.8
Outdoor Fan FLA/LRA	1.3 / 3.0	1.3 / 3.0	1.3 / 3.0	1.4 / 3.2	1.4 / 3.2
Min. Circuit Ampacity	21.0	21.0	21.0	22.8	22.8
Max. Overcurrent Protection	30 amps	30 amps	30 amps	35 amps	35 amps
Entrance Size Power Supply	1½"	1½"	1½"	1½"	1½"
Entrance Size Control Voltage	¾"	¾"	¾"	¾"	¾"
OPERATING / SHIP WEIGHTS (LBS)	449 / 470	453 / 475	458 / 480	488 / 510	493 / 515

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

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

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

	GPG1436 080M41C*	GPG1442 060M41AA	GPG1442 080M41AA	GPG1442 060M41C*	GPG1442 080M41C*
COOLING CAPACITY					
Total BTU/h	34,200	40,000	40,000	40,000	40,000
Sensible BTU/h	27,000	30,000	30,000	30,000	30,000
SEER / EER	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
AHRI Reference #s	207252520	201179243	201179243	207252526	207252526
HEATING CAPACITY					
Input BTU/h	80,000	60,000	80,000	60,000	80,000
Output BTU/h	64,000	48,000	64,000	48,000	64,000
AFUE	81	81	81	81	81
Temperature Rise Range	30- 60	30- 60	30- 60	30- 60	30- 60
No. of Burners	4	3	4	3	4
Orifice Size (Natural/Propane)	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM
EVAPORATOR MOTOR					
Type	EEM	EEM	EEM	EEM	EEM
Wheel (D x W)	10" x 9"	10" x 9"	10" x 9"	11" x 10"	11" x 10"
Indoor Nominal CFM	1,200	1,300	1,300	1,300	1,300
Motor Speed Tap (Cooling)	T4	T4	T4	T4	T4
Horsepower	1/2	3/4	3/4	3/4	3/4
EVAPORATOR COIL					
Face Area (ft ²)	4.3	4.3	4.3	5.7	5.7
Rows Deep/Fins per Inch	4/14	4/14	4/14	4/14	4/14
Piston Size (Cooling)	0.068	0.072	0.072	0.072	0.072
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	92	88	88	103	103
CONDENSER FAN / COIL					
Horsepower- RPM	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
Outdoor Nominal CFM	2,850	2,850	2,850	3,300	3,300
Face Area (ft ²)	11.1	11.1	11.1	15.4	15.4
Rows Deep/Fins per Inch	2/27	2/27	2/27	1/24	1/24
COMPRESSOR					
Quantity / Type	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll
Stage	Single	Single	Single	Single	Single
Compressor RLA/LRA	14.1 / 77.0	17.9 / 112.0	17.9 / 112.0	17.9 / 112.0	17.9 / 112.0
ELECTRICAL DATA					
Voltage-Phase (60 Hz)	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Indoor Blower FLA	3.8	5.7	5.7	5.4	5.4
Outdoor Fan FLA/LRA	1.4 / 3.2	1.4 / 2.9	1.4 / 2.9	1.4 / 3.2	1.4 / 3.2
Min. Circuit Ampacity	22.8	26.8	26.8	29.2	29.2
Max. Overcurrent Protection	35 amps	40 amps	40 amps	45 amps	45 amps
Entrance Size Power Supply	1½"	1½"	1½"	1½"	1½"
Entrance Size Control Voltage	¾"	¾"	¾"	¾"	¾"
OPERATING/SHIP WEIGHTS (LBS)	496 / 520	493 / 515	496 / 520	518 / 540	523 / 545

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

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

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.

	GPG1448 060M41AA	GPG1448 080M41AA	GPG1448 100M41AA	GPG1448 060M41C*	GPG1448 080M41C*	GPG1448 100M41C*
COOLING CAPACITY						
Total BTU/h	46,500	46,500	46,500	46,500	46,500	46,500
Sensible BTU/h	36,800	36,800	36,800	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	80	80	80	80	80	80
AHRI Reference #s	201179222	201179222	201179222	207252532	207252532	207252532
HEATING CAPACITY						
Input BTU/h	60,000	80,000	100,000	60,000	80,000	100,000
Output BTU/h	48,000	64,000	80,000	48,000	64,000	80,000
AFUE	81	81	81	81	81	81
Temperature Rise Range	30- 60	30- 60	35- 65	30- 60	30- 60	35- 65
No. of Burners	3	4	5	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
EVAPORATOR MOTOR						
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	1,525	1,525	1,525	1,525	1,525	1,525
Motor Speed Tap (Cooling)	T4	T4	T4	T4	T4	T4
Horsepower	3/4	3/4	3/4	3/4	3/4	3/4
EVAPORATOR COIL						
Face Area (ft²)	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)	0.078	0.078	0.078	0.076	0.076	0.076
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	99	99	99	107	107	107
CONDENSER FAN / COIL						
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	3,300	3,300	3,300	3,000	3,000	3,000
Face Area (ft²)	15.4	15.4	15.4	14.4	14.4	14.4
Rows Deep/Fins per Inch	1/24	1/24	1/24	2/27	2/27	2/27
COMPRESSOR						
Quantity / Type	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll
Stage	Single	Single	Single	Single	Single	Single
Compressor RLA/LRA	19.9 / 109.0	19.9 / 109.0	19.9 / 109.0	18.5 / 124.0	18.5 / 124.0	18.5 / 124.0
ELECTRICAL DATA						
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	5.7	5.7	5.7	5.4	5.4	5.4
Outdoor Fan FLA/LRA	1.4/ 2.9	1.4/ 2.9	1.4/ 2.9	2.0 / 4.4	2.0 / 4.4	2.0 / 4.4
Min. Circuit Ampacity	32	32	32	30.5	30.5	30.5
Max. Overcurrent Protection	50 amps	50 amps	50 amps	45 amps	45 amps	45 amps
Entrance Size Power Supply	1½"	1½"	1½"	1½"	1½"	1½"
Entrance Size Control Voltage	¾"	¾"	¾"	¾"	¾"	¾"
OPERATING/SHIP WEIGHTS (LBS)	518 / 540	523 / 545	528 / 550	548 / 550	533 / 555	538 / 560

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

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

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.

	GP1461 080M41A*	GP1461 100M41A*	GP1461 120M41A*	GP1461 080M41C*	GP1461 100M41C*	GP1461 120M41C*
COOLING CAPACITY						
Total BTU/h	57,000	57,000	57,000	56,000	56,000	56,000
Sensible BTU/h	42,000	42,000	42,000	42,000	42,000	42,000
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	201385132	201385132	201385132	207252538	207252538	207252538
HEATING CAPACITY						
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
EVAPORATOR MOTOR						
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	1,750	1,750	1,750	1325 L/1700 H	1325 L/1700 H	1325 L/1700 H
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
Horsepower	1	1	1	1/1	1/1	1/1
EVAPORATOR COIL						
Face Area (ft²)	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
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	100	100	100	100	100	100
CONDENSER FAN / COIL						
Horsepower- RPM	1/3- 1,122	1/3- 1,122	1/3- 1,122	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 (ft²)	14.4	14.4	14.4	14.4	14.4	14.4
Rows Deep/Fins per Inch	2/27	2/27	2/27	2/27	2/27	2/27
COMPRESSOR						
Quantity / Type	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll
Stage	Two	Two	Two	Two	Two	Two
Compressor RLA/LRA	26.9 / 139.9	26.9 / 139.9	26.9 / 139.9	22.9 / 147.2	22.9 / 147.2	22.9 / 147.2
ELECTRICAL DATA						
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	7	7
Outdoor Fan FLA/LRA	2.0 / 4.40	2.0 / 4.40	2.0 / 4.40	2.0 / 4.40	2.0 / 4.40	2.0 / 4.40
Min. Circuit Ampacity	42.6	42.6	42.6	37.6	37.6	37.6
Max. Overcurrent Protection	60 amps	60 amps	60 amps	60 amps	60 amps	60 amps
Entrance Size Power Supply	1½"	1½"	1½"	1½"	1½"	1½"
Entrance Size Control Voltage	¾"	¾"	¾"	¾"	¾"	¾"
OPERATING/SHIP WEIGHTS (LBS)	533 / 555	538 / 560	543 / 565	533 / 555	538 / 560	543 / 565

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

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

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.

		Outdoor Ambient Temperature																																				
		65°F						75°F						85°F						95°F						105°F						115°F						
IDB	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
80	MBh	23.5	24.0	25.7	27.4	29.1	30.8	32.5	34.2	35.9	37.6	39.3	41.0	42.7	44.4	46.1	47.8	49.5	51.2	52.9	54.6	56.3	58.0	59.7	61.4	63.1	64.8	66.5	68.2	69.9	71.6	73.3	75.0	76.7	78.4	80.1	81.8	83.5
	S/T	1.00	0.95	0.77	0.57	0.37	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ΔT	24	23	20	16	12	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	kW	1.46	1.49	1.54	1.59	1.64	1.69	1.74	1.79	1.84	1.89	1.94	1.99	2.04	2.09	2.14	2.19	2.24	2.29	2.34	2.39	2.44	2.49	2.54	2.59	2.64	2.69	2.74	2.79	2.84	2.89	2.94	2.99	3.04	3.09	3.14	3.19	3.24
	Amps	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.9	9.1	9.3	9.5	9.7	9.9	10.1	10.3	10.5	10.7	10.9	11.1	11.3	11.5	11.7	11.9	12.1	12.3	12.5	12.7	12.9	13.1	13.3	13.5	13.7	13.9
	Hi PR	241	260	274	286	299	312	325	338	351	364	377	390	403	416	429	442	455	468	481	494	507	520	533	546	559	572	585	598	611	624	637	650	663	676	689	702	
	Lo PR	115	122	133	142	151	160	169	178	187	196	205	214	223	232	241	250	259	268	277	286	295	304	313	322	331	340	349	358	367	376	385	394	403	412	421	430	
	MBh	22.8	23.3	24.9	26.6	28.3	29.9	31.6	33.3	34.9	36.6	38.3	39.9	41.6	43.3	44.9	46.6	48.3	50.0	51.6	53.3	54.9	56.6	58.3	59.9	61.6	63.3	64.9	66.6	68.3	69.9	71.6	73.3	75.0	76.7	78.3	79.9	
	S/T	0.96	0.90	0.73	0.55	0.37	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	ΔT	25	24	21	17	12	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

889	MBh	23.9	24.4	25.5	27.2	23.4	23.8	24.9	26.6	22.8	23.2	24.3	26.0	22.2	22.7	23.7	25.3	21.1	21.5	22.6	24.1	19.6	20.0	20.9	22.3
	S/T	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.79	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.85	1.00	1.00	1.00	0.86
	ΔT	25	25	24	21	24	25	25	21	24	24	25	21	23	23	25	21	22	22	23	21	20	21	22	20
	kW	1.47	1.50	1.55	1.61	1.59	1.62	1.68	1.74	1.69	1.73	1.79	1.85	1.78	1.83	1.89	1.95	1.86	1.91	1.97	2.04	1.93	1.97	2.04	2.11
	Amps	6.8	6.9	7.1	7.3	7.2	7.4	7.6	7.8	7.8	7.9	8.2	8.4	8.2	8.4	8.6	8.9	8.7	8.9	9.1	9.4	9.1	9.3	9.6	9.9
	Hi PR	244	262	277	289	273	294	311	324	311	335	353	369	354	381	403	420	399	429	453	472	440	474	500	522
	Lo PR	116	123	135	144	123	130	142	152	127	136	148	158	134	142	155	166	140	149	163	174	145	154	169	179
	MBh	23.2	23.7	24.8	26.4	22.7	23.1	24.2	25.8	22.1	22.6	23.6	25.2	21.6	22.0	23.1	24.6	20.5	20.9	21.9	23.4	19.0	19.4	20.3	21.6
	S/T	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.93	0.76	1.00	1.00	0.96	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82
	ΔT	27	27	25	22	26	27	26	22	26	26	26	22	22	25	26	22	24	24	25	22	22	23	24	21
792	kW	1.46	1.49	1.54	1.59	1.58	1.61	1.66	1.72	1.68	1.72	1.77	1.83	1.77	1.81	1.87	1.94	1.85	1.89	1.95	2.02	1.91	1.96	2.02	2.09
	Amps	6.7	6.9	7.1	7.3	7.2	7.3	7.5	7.8	7.7	7.9	8.1	8.4	8.2	8.3	8.6	8.9	8.6	8.8	9.1	9.4	9.1	9.3	9.5	9.9
	Hi PR	241	260	274	286	271	291	308	321	308	331	350	365	351	377	399	416	395	425	448	468	436	469	495	517
	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
	MBh	21.4	21.8	22.9	24.4	20.9	21.3	22.3	23.8	20.4	20.8	21.8	23.3	19.9	20.3	21.3	22.7	18.9	19.3	20.2	21.6	17.5	17.9	18.7	20.0
	S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79
	ΔT	28	27	26	22	28	27	26	22	27	27	26	22	26	27	26	23	25	26	26	22	23	24	24	21
	kW	1.42	1.45	1.50	1.55	1.54	1.57	1.62	1.68	1.64	1.67	1.73	1.79	1.72	1.76	1.82	1.89	1.80	1.84	1.90	1.97	1.86	1.91	1.97	2.04
	Amps	6.6	6.7	6.9	7.1	7.0	7.2	7.4	7.6	7.5	7.7	7.9	8.2	8.0	8.1	8.4	8.6	8.4	8.6	8.8	9.1	8.8	9.0	9.3	9.6
	Hi PR	234	252	266	277	263	283	298	311	299	321	339	354	340	366	387	403	383	412	435	454	423	455	481	501
Lo PR	111	119	129	138	118	125	137	146	122	130	142	151	129	137	149	159	135	143	156	167	139	148	162	172	
694	MBh	21.4	21.8	22.9	24.4	20.9	21.3	22.3	23.8	20.4	20.8	21.8	23.3	19.9	20.3	21.3	22.7	18.9	19.3	20.2	21.6	17.5	17.9	18.7	20.0
	S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79
	ΔT	28	27	26	22	28	27	26	22	27	27	26	22	26	27	26	23	25	26	26	22	23	24	24	21
	kW	1.42	1.45	1.50	1.55	1.54	1.57	1.62	1.68	1.64	1.67	1.73	1.79	1.72	1.76	1.82	1.89	1.80	1.84	1.90	1.97	1.86	1.91	1.97	2.04
	Amps	6.6	6.7	6.9	7.1	7.0	7.2	7.4	7.6	7.5	7.7	7.9	8.2	8.0	8.1	8.4	8.6	8.4	8.6	8.8	9.1	8.8	9.0	9.3	9.6
	Hi PR	234	252	266	277	263	283	298	311	299	321	339	354	340	366	387	403	383	412	435	454	423	455	481	501
	Lo PR	111	119	129	138	118	125	137	146	122	130	142	151	129	137	149	159	135	143	156	167	139	148	162	172

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

		Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	30.1	30.7	32.8	35.1	29.4	30.0	32.1	34.3	28.7	29.3	31.3	33.5	28.0	28.6	30.6	32.7	26.6	27.2	29.0	31.0	24.6	25.2	26.9	28.7
	S/T	1.00	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.82	0.62	1.00	1.00	0.85	0.64	1.00	1.00	0.86	0.64
	ΔT	25	23	20	16	24	23	20	16	23	24	20	16	23	23	21	16	22	22	20	16	20	21	19	15
	KW	1.98	2.02	2.08	2.15	2.13	2.17	2.24	2.31	2.26	2.31	2.38	2.46	2.38	2.43	2.51	2.59	2.47	2.53	2.61	2.70	2.56	2.62	2.70	2.79
	AMPS	8.8	9.0	9.3	9.6	9.4	9.6	9.9	10.2	10.1	10.3	10.6	11.0	10.7	10.9	11.3	11.6	11.3	11.6	11.9	12.3	11.9	12.2	12.5	12.9
	HI PR	245	264	279	291	275	296	313	326	313	337	356	371	357	384	405	423	401	432	456	476	443	477	504	526
	LO PR	114	121	132	141	120	128	140	149	125	133	145	155	131	140	153	162	138	146	160	170	142	151	165	176
	MBh	29.2	29.8	31.9	34.1	28.5	29.2	31.1	33.3	27.8	28.5	30.4	32.5	27.2	27.8	29.7	31.7	25.8	26.4	28.2	30.1	23.9	24.4	26.1	27.9
	S/T	0.94	0.88	0.72	0.53	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.82	0.61
	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	25	25	21	17	24	24	21	17	22	22	20	16

85	MBh	30.6	31.2	32.7	34.9	29.9	30.5	31.9	34.1	29.2	29.8	31.2	33.2	28.5	29.0	30.4	32.4	27.1	27.6	28.9	30.8	25.1	25.5	26.8	28.5
	S/T	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.80
	ΔT	25	25	24	21	24	25	24	21	24	24	24	21	23	24	24	21	22	23	24	21	20	21	22	20
	KW	1.99	2.03	2.10	2.16	2.14	2.19	2.26	2.33	2.28	2.33	2.40	2.48	2.39	2.45	2.53	2.61	2.49	2.55	2.63	2.72	2.58	2.64	2.73	2.82
	AMPS	8.9	9.1	9.3	9.6	9.5	9.7	10.0	10.3	10.2	10.4	10.7	11.1	10.8	11.0	11.4	11.7	11.4	11.7	12.0	12.4	12.0	12.3	12.6	13.1
	HI PR	248	267	282	294	278	299	316	330	316	340	359	375	360	388	409	427	405	436	461	480	448	482	509	531
	LO PR	115	122	134	142	122	129	141	150	126	134	147	156	133	141	154	164	139	148	161	172	144	153	167	178
	MBh	29.7	30.3	31.7	33.8	29.0	29.6	31.0	33.1	28.3	28.9	30.3	32.3	27.6	28.2	29.5	31.5	26.3	26.8	28.0	29.9	24.3	24.8	26.0	27.7
	S/T	0.98	0.95	0.86	0.69	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.80
	ΔT	27	26	25	22	27	27	25	22	26	27	25	22	25	26	25	22	24	25	25	22	22	23	23	20

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction access fittings.
 Design Subcooling, 12±3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8±3 °F @ the compressor suction access fitting connection.

Shaded area reflects AHRI (TVA) conditions.

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

kW = Total system power

		Outdoor Ambient Temperature																								
		75°F			85°F			95°F			105°F			115°F												
IDB	Airflow	Entering Indoor Wet Bulb Temperature																								
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71									
80	1050	MbH	35.0	35.5	36.5	38.1	34.7	35.2	36.2	37.8	33.8	34.3	35.3	36.9	32.2	32.7	33.7	35.3	30.3	30.8	31.8	33.4	28.6	29.0	30.1	31.7
		S/T	1.00	0.84	0.69	0.54	1.00	0.84	0.70	0.55	1.00	0.87	0.73	0.57	1.00	1.00	0.75	0.59	1.00	1.00	0.77	0.62	1.00	1.00	0.82	0.67
		ΔT	28	26	23	19	28	26	23	19	28	26	23	19	28	26	23	19	28	26	22	19	29	27	24	20
		kW	2.23	2.23	2.23	2.25	2.50	2.50	2.49	2.52	2.80	2.80	2.79	2.82	3.13	3.12	3.12	3.14	3.49	3.49	3.48	3.50	3.91	3.91	3.91	3.93
		Amps	8.9	8.9	8.9	8.9	10.1	10.1	10.1	10.2	11.5	11.5	11.5	11.6	13.0	13.0	13.0	12.9	13.0	14.6	14.6	14.6	14.7	16.6	16.6	16.5
	Hi PR	267	269	270	275	309	311	312	317	353	355	357	361	401	402	404	409	452	452	453	455	460	507	508	510	514
	Lo PR	128	129	133	138	136	137	140	146	142	144	147	153	148	150	153	158	154	155	159	164	161	162	166	171	
	1200	MbH	35.5	35.9	37.0	38.6	35.1	35.6	36.7	38.3	34.2	34.7	35.8	37.4	32.7	33.2	34.2	35.8	30.8	31.2	32.3	33.9	29.0	29.5	30.5	32.1
		S/T	1.00	0.90	0.76	0.60	1.00	0.91	0.76	0.61	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	1.00	0.74
		ΔT	27	25	22	18	27	25	22	18	27	25	22	18	27	25	22	18	27	25	21	18	28	26	22	19
kW		2.25	2.24	2.24	2.26	2.52	2.51	2.51	2.53	2.82	2.81	2.81	2.83	3.14	3.14	3.14	3.15	3.50	3.50	3.50	3.52	3.93	3.93	3.93	3.94	
Amps		8.9	8.9	8.9	9.0	10.2	10.2	10.1	10.2	11.6	11.5	11.5	11.6	13.0	13.0	13.0	13.1	14.7	14.7	14.7	14.8	16.6	16.6	16.6	16.7	
1350	Hi PR	270	271	273	277	312	313	315	319	356	357	359	363	403	404	406	411	454	456	457	462	509	510	512	517	
	Lo PR	130	131	135	140	137	139	142	148	144	146	149	154	150	152	155	160	156	157	160	166	163	164	167	173	
	MbH	36.0	36.5	37.5	39.1	35.7	36.2	37.2	38.8	34.8	35.3	36.3	37.9	33.2	33.7	34.7	36.3	31.3	31.8	32.8	34.4	29.6	30.1	31.1	32.7	
	S/T	1.00	0.94	0.79	0.64	1.00	0.94	0.80	0.65	1.00	1.00	0.83	0.67	1.00	1.00	0.85	0.69	1.00	1.00	0.87	0.72	1.00	1.00	1.00	0.77	
	ΔT	26	24	21	17	26	24	21	17	26	24	21	17	26	24	21	17	26	24	20	17	27	25	22	18	
85	1050	kW	2.26	2.26	2.25	2.27	2.53	2.53	2.52	2.54	2.83	2.83	2.82	2.84	3.15	3.15	3.15	3.17	3.51							

		Outdoor Ambient Temperature																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	MBh	40.0	41.4	45.4	-	39.0	40.5	44.3	-	38.1	39.5	43.3	-	37.2	38.5	42.2	-	35.3	36.6	40.1	-	32.7	33.9	37.2	-	32.7	33.9	37.2	-	32.7	33.9	37.2	-				
	S/T	0.75	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	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-				
	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	18	16	12	-	18	16	12	-				
	kW	2.68	2.73	2.82	-	2.88	2.94	3.03	-	3.05	3.12	3.21	-	3.21	3.27	3.38	-	3.34	3.41	3.52	-	3.45	3.53	3.64	-	3.45	3.53	3.64	-	3.45	3.53	3.64	-				
	Amps	12.9	13.1	13.4	-	13.7	13.9	14.3	-	14.6	14.9	15.2	-	15.4	15.7	16.1	-	16.1	16.5	16.9	-	16.9	17.3	17.7	-	16.9	17.3	17.7	-	16.9	17.3	17.7	-				
	Hi PR	236	254	269	-	265	285	301	-	302	325	343	-	343	370	390	-	386	416	439	-	427	459	485	-	427	459	485	-	427	459	485	-				
	Lo PR	107	113	124	-	113	120	131	-	117	124	136	-	123	131	143	-	129	137	150	-	133	142	155	-	133	142	155	-	133	142	155	-				
70	MBh	38.8	40.2	44.1	-	37.9	39.3	43.0	-	37.0	38.3	42.0	-	36.1	37.4	41.0	-	34.3	35.5	38.9	-	31.8	32.9	36.1	-	31.8	32.9	36.1	-	31.8	32.9	36.1	-				
	S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-	0.82	0.69	0.48	-	0.82	0.69	0.48	-				
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-	19	16	12	-	19	16	12	-				
	kW	2.66	2.71	2.79	-	2.85	2.91	3.00	-	3.03	3.09	3.19	-	3.18	3.25	3.35	-	3.31	3.38	3.49	-	3.42	3.50	3.61	-	3.42	3.50	3.61	-	3.42	3.50	3.61	-				
	Amps	12.8	13.0	13.4	-	13.6	13.8	14.2	-	14.5	14.7	15.1	-	15.3	15.5	16.0	-	16.0	16.3	16.8	-	16.8	17.1	17.6	-	16.8	17.1	17.6	-	16.8	17.1	17.6	-				
	Hi PR	234	252	266	-	263	283	298	-	299	321	339	-	340	366	386	-	383	412	435	-	423	455	480	-	423	455	480	-	423	455	480	-				
	Lo PR	105	112	123	-	111	119	129	-	116	123	135	-	122	129	141	-	128	136	148	-	132	140	153	-	132	140	153	-	132	140	153	-				
1128	MBh	35.8	37.1	40.7	-	35.0	36.3	39.7	-	34.1	35.4	38.8	-	33.3	34.5	37.8	-	31.6	32.8	35.9	-	29.3	30.4	33.3	-	29.3	30.4	33.3	-	29.3	30.4	33.3	-				
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.41	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-				
	ΔT	20	17	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-	19	16	12	-	19	16	12	-				
	kW	2.60	2.65	2.73	-	2.79	2.84	2.93	-	2.96	3.02	3.11	-	3.10	3.17	3.27	-	3.23	3.30	3.40	-	3.34	3.41	3.52	-	3.34	3.41	3.52	-	3.34	3.41	3.52	-				
	Amps	12.5	12.8	13.1	-	13.3	13.5	13.9	-	14.2	14.4	14.8	-	14.9	15.2	15.6	-	15.7	16.0	16.4	-	16.4	16.7	17.2	-	16.4	16.7	17.2	-	16.4	16.7	17.2	-				
	Hi PR	227	244	258	-	255	274	289	-	290	312	329	-	330	355	375	-	371	399	422	-	410	441	466	-	410	441	466	-	410	441	466	-				
	Lo PR	102	109	119	-	108	115	126	-	112	120	130	-	118	126	137	-	124	132	144	-	128	136	149	-	128	136	149	-	128	136	149	-				

75	1443	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	35.9	37.0	40.0	43.0	33.3	34.3	37.1	39.8
		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	0.97	0.87	0.66	0.42	0.98	0.88	0.66	0.43
		ΔT	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11
		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	3.36	3.44	3.55	3.67	3.48	3.56	3.67	3.79
		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	16.3	16.6	17.0	17.6	17.0	17.4	17.9	18.4
		Hi PR	239	257	271	283	268	288	304	317	305	328	346	361	347	373	394	411	390	420	444	463	431	464	490	511
		LoPR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	138	151	161	135	143	156	166
	1286	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	34.9	35.9	38.9	41.7	32.3	33.3	36.0	38.6
		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	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
		ΔT	23	21	17	12	23	21	18	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11
		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	3.34	3.41	3.52	3.64	3.45	3.53	3.64	3.76
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	16.1	16.5	16.9	17.4	16.9	17.3	17.7	18.3	
Hi PR		236	254	269	280	265	285	301	314	302	325	343	358	344	370	390	407	387	416	439	458	427	460	485	506	
LoPR		107	113	124	132	113	120	131	139	117	124	136	145	123	131	143	152	129	137	150	159	133	142	155	165	
1128	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	32.2	33.1	35.9	38.5	29.8	30.7	33.2	35.7	
	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	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39	
	ΔT	23	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	23	22	18	12	22	20	17	11	
	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	3.26	3.33	3.43	3.55	3.37	3.44	3.55	3.67	
	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	15.8	16.1	16.5	17.0	16.5	16.9	17.3	17.9	
	Hi PR	229	247	261	272	257	277	292	305	293	315	332	347	333	359	379	395	375	403	426	444	414	446	471	491	
	LoPR	103	110	120	128	109	116	127	135	114	121	132	140	119	127	138	147	125	133	145	155	129	137	150	160	

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

		65						75						85						95						105						115					
		OUTDOOR AMBIENT TEMPERATURE																																			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
		ENTERING INDOOR WET BULB TEMPERATURE																																			
70	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	-												
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	-												

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
		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	3.31	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	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	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	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	13	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	3.28	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	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	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	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	3.20	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	15.1	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	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	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166	

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

Shaded area reflects ACCA (TVA) conditions.

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

IDB		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																							
				65				75				85				95				105				115			
				ENTERING INDOOR WET BULB TEMPERATURE																							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	1463	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	
		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	
		ΔT	25	24	21	17	26	24	21	17	25	24	21	17	24	25	21	17	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	
	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	17.7	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		
	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		
	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		
85	1300	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	
		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	
		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	
		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	
	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		
	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		
	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		
	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		
85	1138	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	
		kW	2.84	2.89	2.98	3.07	3.04	3.11	3.20	3.30	3.23	3.30															

IDB		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																							
				65				75				85				95				105				115			
				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						
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	-					
		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	-					
		ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-					
		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	-					
		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	-					
	1750	Hi PR	251	270	285	-	281	303	320	-	320	344	364	-	365	392	414	-	410	441	466	-					
		Lo PR	109	116	126	-	115	122	133	-	119	127	139	-	125	133	146	-	131	140	152	-					
		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	-					
		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	-					
		ΔT	20	18	13	-	21	18	13	-	21	18	14	-	21	18	14	-	20	18	13	-					
1535	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	-						
	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	-						
	Hi PR	248	267	282	-	279	300	317	-	317	341	360	-	361	388	410	-	406	437	461	-						
	Lo PR	108	114	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-						
	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	-						
75	1965	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	-					
		ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-					
		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	-					
		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	-					
		Hi PR	241	259	274	-	270	291	307	-	307	331	349	-	350	377	398	-	394	424	448	-					
	1750	Lo PR	104	111	121	-	110	117	128	-	115	122	133	-	120	128	140	-	126	134	146	-					
		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					
		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	0.93	0.											

IDB		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																																			
				65						75						85						95						105						115					
				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										
80	1965	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	21	17	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													
	1750	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													
		MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6													
		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	0.56	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58													
		ΔT	26	25	22	17	26	25	22	18	27	25	22	18	27	26	22	18	26	25	22	18	24	24	20	16													
1535	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	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	419	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	133	141	154	164	137	146	159	170														
	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														
85	1965	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													

IDB		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																																			
				65						75						85						95						105						115					
				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										
975		MBh	41.2	41.8	43.0	44.9	40.9	41.5	42.7	44.6	39.8	40.4	41.6	43.5	38.0	38.5	39.8	41.6	35.7	36.3	37.5	39.4	33.7	34.2	35.5	37.3	1.00	1.00	1.00	1.00									
		S/T	1.00	0.81	0.67	0.53	1.00	0.82	0.68	0.53	1.00	0.85	0.71	0.56	1.00	1.00	1.00	0.73	0.58	1.00	1.00	0.75	0.60	1.00	1.00	0.80	0.65	1.00	1.00	0.80	0.65								
		ΔT	29	27	23	20	29	27	23	20	29	27	24	20	29	27	23	20	29	27	23	19	30	28	24	21	30	28	24	21									
		kW	2.31	2.31	2.30	2.32	2.58	2.58	2.58	2.60	2.89	2.89	2.88	2.90	3.22	3.22	3.22	3.21	3.24	3.59	3.59	3.58	3.61	4.03	4.02	4.02	4.04	3.59	3.59	3.58	3.61								
		Amps	8.2	8.2	8.1	8.2	9.4	9.3	9.3	9.4	10.7	10.7	10.7	10.7	12.1	12.1	12.1	12.1	12.2	13.7	13.7	13.7	13.8	15.6	15.6	15.6	15.7	13.7	13.7	13.7	13.8								
		Hi PR	267	268	270	275	309	311	312	317	353	355	356	361	401	402	404	408	452	452	453	455	460	506	508	510	514	452	453	455	460								
80		Lo PR	125	127	130	135	133	135	138	143	140	141	144	150	145	147	150	155	151	152	155	161	158	159	162	168	151	152	155	161									
		MBh	41.7	42.3	43.5	45.4	41.4	42.0	43.2	45.0	40.3	40.9	42.1	44.0	38.5	39.0	40.3	42.1	36.2	36.8	38.0	39.9	34.2	34.7	36.0	37.8	1.00	1.00	1.00	1.00									
		S/T	1.00	0.87	0.73	0.58	1.00	0.87	0.74	0.59	1.00	0.90	0.76	0.61	1.00	1.00	1.00	0.78	0.63	1.00	1.00	0.80	0.66	1.00	1.00	0.86	0.71	1.00	1.00	0.86	0.71								
		ΔT	28	26	22	19	28	26	22	19	28	26	23	19	28	26	22	19	27	26	22	18	29	27	23	20	27	23	20	27	23								
		kW	2.32	2.32	2.31	2.34	2.60	2.59	2.59	2.61	2.90	2.90	2.90	2.92	3.23	3.23	3.23	3.25	3.60	3.60	3.60	3.62	4.04	4.04	4.03	4.05	3.60	3.60	3.60	3.62	4.04	4.03							
		Amps	8.2	8.2	8.2	8.3	9.4	9.4	9.4	9.5	10.7	10.7	10.7	10.8	12.2	12.2	12.2	12.2	13.8	13.8	13.8	13.9	15.7	15.7	15.7	15.7	13.9	13.8	13.8	13.9	15.7	15.7							
1325		Hi PR	269	271	272	277	311	313	314	319	355	357	358	363	403	404	406	411	454	455	457	462	509	510	512	516	454	455	457	462									
		Lo PR	127	129	132	137	135	136	139	145	141	143	146	151	147	148	152	157	152	154	157	162	159	161	164	169	152	154	157	162	159	161							
		MBh	42.9	43.4	44.7	46.5	42.5	43.1	44.3	46.2	41.4	42.0	43.2	45.1	39.6	40.2	41.4	43.3	37.3																				

IDB		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE												115																	
				65						75						85						95						105					
				ENTERING INDOOR WET BULB TEMPERATURE																													
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	1700	Mbh	57.7	58.5	60.2	-	57.2	58.0	59.7	-	55.7	56.5	58.2	-	53.2	54.0	55.7	-	50.0	50.8	52.5	-	47.2	48.0	49.7	-	47.2	48.0	49.7	-			
		S/T	0.67	0.59	0.45	-	0.67	0.60	0.46	-	0.70	0.62	0.49	-	0.72	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.71	0.58	-	1.00	0.71	0.58	-			
		ΔT	20	18	14	-	20	18	14	-	20	18	15	-	20	18	14	-	20	18	14	-	21	19	15	-	21	19	15	-			
		kW	3.69	3.69	3.68	-	4.13	4.12	4.12	-	4.61	4.61	4.60	-	5.14	5.14	5.13	-	5.73	5.73	5.72	-	6.42	6.42	6.41	-	6.42	6.42	6.41	-			
		Amps	13.1	13.1	13.0	-	15.0	14.9	14.9	-	17.1	17.1	17.0	-	19.4	19.4	19.3	-	21.9	21.9	21.9	-	24.9	24.9	24.9	-	24.9	24.9	24.9	-			
		Hi PR	281	282	284	-	325	326	328	-	371	372	374	-	421	422	424	-	474	475	477	-	531	532	534	-	531	532	534	-			
		Lo PR	123	125	128	-	130	132	135	-	137	138	141	-	142	144	147	-	148	149	152	-	154	156	159	-	154	156	159	-			
70	1800	Mbh	58.1	58.9	60.6	-	57.6	58.4	60.1	-	56.1	56.9	58.6	-	53.6	54.4	56.1	-	50.4	51.2	52.9	-	47.6	48.4	50.1	-	47.6	48.4	50.1	-			
		S/T	0.69	0.61	0.47	-	0.69	0.62	0.48	-	0.72	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.68	0.55	-	1.00	0.73	0.60	-	1.00	0.73	0.60	-			
		ΔT	20	18	14	-	20	18	14	-	20	18	14	-	20	18	14	-	19	17	14	-	21	19	15	-	21	19	15	-			
		kW	3.70	3.70	3.69	-	4.14	4.13	4.13	-	4.62	4.62	4.61	-	5.15	5.15	5.14	-	5.74	5.74	5.73	-	6.43	6.43	6.42	-	6.43	6.43	6.42	-			
		Amps	13.1	13.1	13.1	-	15.0	15.0	15.0	-	17.1	17.1	17.1	-	19.4	19.4	19.4	-	22.0	22.0	21.9	-	25.0	25.0	24.9	-	25.0	25.0	24.9	-			
		Hi PR	282	283	285	-	326	327	329	-	372	373	375	-	422	423	425	-	475	476	478	-	532	533	535	-	532	533	535	-			
		Lo PR	124	125	129	-	131	133	136	-	138	139	142	-	143	145	148	-	149	150	153	-	155	157	160	-	155	157	160	-			
1900	Mbh	58.6	59.4	61.1	-	58.1	58.9	60.6	-	56.6	57.4	59.1	-	54.0	54.8	56.5	-	50.9	51.7	53.4	-	48.0	48.8	50.5	-	48.0	48.8	50.5	-				
	S/T	0.70	0.62	0.49	-	0.71	0.63	0.49	-	0.73	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.70	0.56	-	1.00	0.75	0.61	-	1.00	0.75	0.61	-				
	ΔT	19	17	14	-	19	17	13	-	19	17	14	-	19	17																		

GPG1424040M41 - 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

GPG1424060M41 - 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

GPG1430040M41 - 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

GPG1430060M41 - 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

GPG1436040M41 - 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

GPG1436060M41 - 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

GPG1436080M41 - 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

GPG1442060M41 - 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	1,415	327	1,630	556
0.2	1,000	166	46	1,320	312	35	1,360	335	34	1,360	335	1,595	561
0.3	940	173	49	1,270	318	36	1,305	343	35	1,305	343	1,555	566
0.4	880	181	52	1,220	327	38	1,260	353	37	1,260	353	1,520	571
0.5	825	189	56	1,160	336	40	1,200	359	38	1,200	359	1,485	568
0.6	760	204	X	1,115	342	41	1,150	371	40	1,150	371	1,450	576
0.7	705	207	X	1,060	347	44	1,110	375	42	1,110	375	1,410	579
0.8	625	210	X	1,000	361	46	1,060	381	44	1,060	381	1,370	590

GPG1442080M41 - 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	1,415	327	1,630	556
0.2	1,000	166	X	1,320	312	47	1,360	335	45	1,360	335	1,595	561
0.3	940	173	X	1,270	318	48	1,305	343	47	1,305	343	1,555	566
0.4	880	181	X	1,220	327	50	1,260	353	49	1,260	353	1,520	571
0.5	825	189	X	1,160	336	53	1,200	359	51	1,200	359	1,485	568
0.6	760	204	X	1,115	342	55	1,150	371	53	1,150	371	1,450	576
0.7	705	207	X	1,060	347	58	1,110	375	55	1,110	375	1,410	579
0.8	625	210	X	1,000	361	X	1,060	381	58	1,060	381	1,370	590

GPG1448060M41 - 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	1,630	504	1,780	647
0.2	1,000	166	46	1,320	312	35	1,360	335	34	1,583	511	1,740	658
0.3	940	173	49	1,270	318	36	1,305	343	35	1,541	523	1,695	661
0.4	880	181	52	1,220	327	38	1,260	353	37	1,486	536	1,640	679
0.5	825	189	56	1,160	336	40	1,200	359	38	1,441	535	1,595	675
0.6	760	204	X	1,115	342	41	1,150	371	40	1,396	544	1,550	693
0.7	705	207	X	1,060	347	44	1,110	375	42	1,348	548	1,505	690
0.8	625	210	X	1,000	361	46	1,060	381	44	1,301	557	1,465	696

GPG1448080M41 - 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	1,630	504	1,780	647
0.2	1,000	166	X	1,320	312	47	1,360	335	45	1,583	511	1,740	658
0.3	940	173	X	1,270	318	48	1,305	343	47	1,541	523	1,695	661
0.4	880	181	X	1,220	327	50	1,260	353	49	1,486	536	1,640	679
0.5	825	189	X	1,160	336	53	1,200	359	51	1,441	535	1,595	675
0.6	760	204	X	1,115	342	55	1,150	371	53	1,396	544	1,550	693
0.7	705	207	X	1,060	347	58	1,110	375	55	1,348	548	1,505	690
0.8	625	210	X	1,000	361	X	1,060	381	58	1,301	557	1,465	696

GPG1448100M41 - 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	1,630	504	1,780	647
0.2	1,000	166	X	1,320	312	58	1,520	335	51	1,583	511	1,740	658
0.3	940	173	X	1,270	318	61	1,480	343	52	1,541	523	1,695	661
0.4	880	181	X	1,220	327	63	1,425	353	54	1,486	536	1,640	679
0.5	825	189	X	1,160	336	X	1,380	359	56	1,441	535	1,595	675
0.6	760	204	X	1,115	342	X	1,335	371	58	1,396	544	1,550	693
0.7	705	207	X	1,060	347	X	1,285	375	60	1,348	548	1,505	690
0.8	625	210	X	1,000	361	X	1,235	381	62	1,301	557	1,465	696

GPG1461080M41 - RISE RANGE: 30° - 60°**

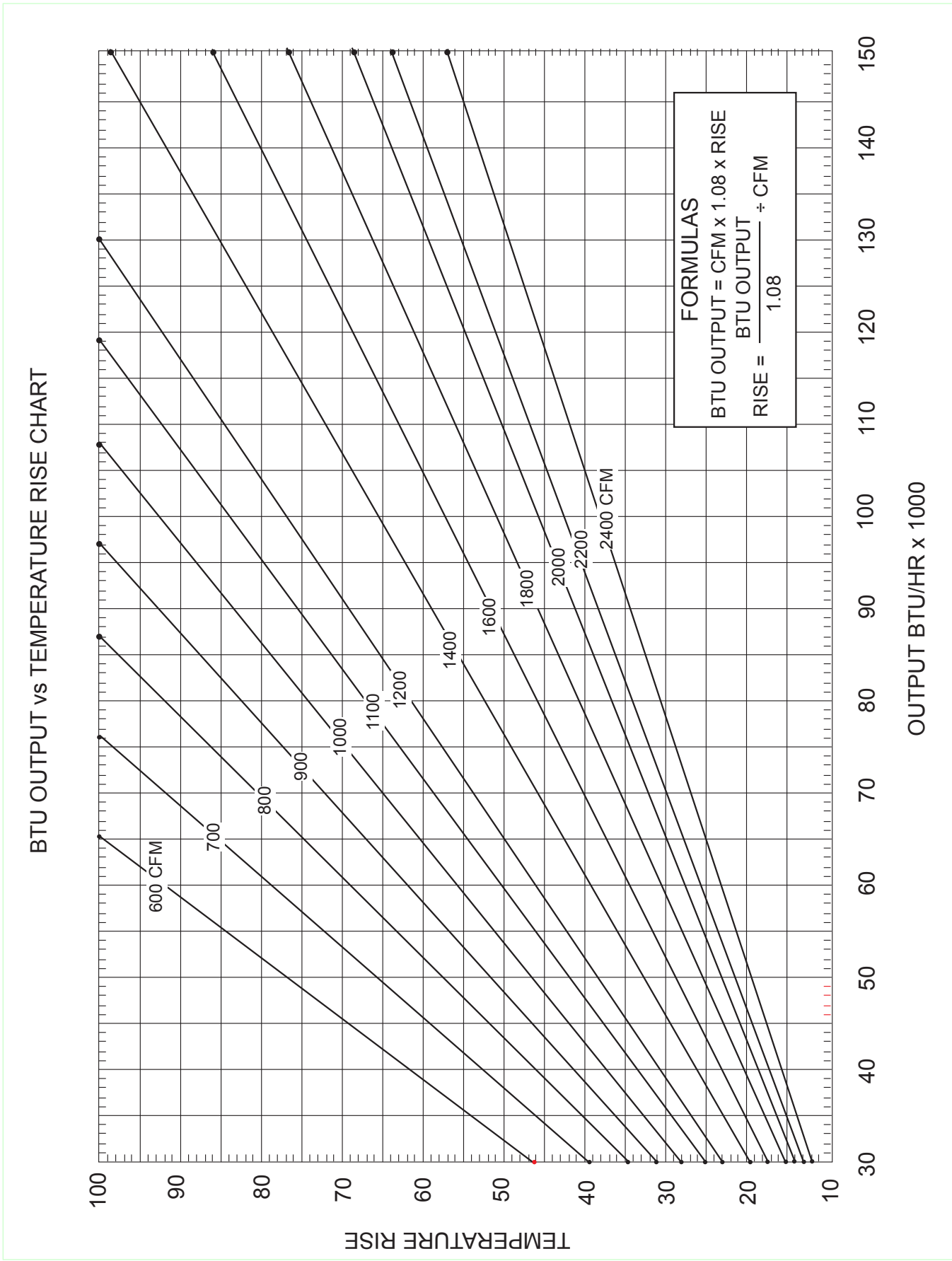
ESP	T1 LOW-STAGE HEATING			T2 HIGH-STAGE HEATING			T3 LOW-STAGE COOLING		T4 HIGH-STAGE COOLING		T5 COOLING SPEED	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS	CFM	WATTS
0.1	1,285	252	36	1,370	297	45	1,340	276	1780	620	1,940	844
0.2	1,235	259	37	1,330	304	46	1,270	279	1745	646	1,910	834
0.3	1,180	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

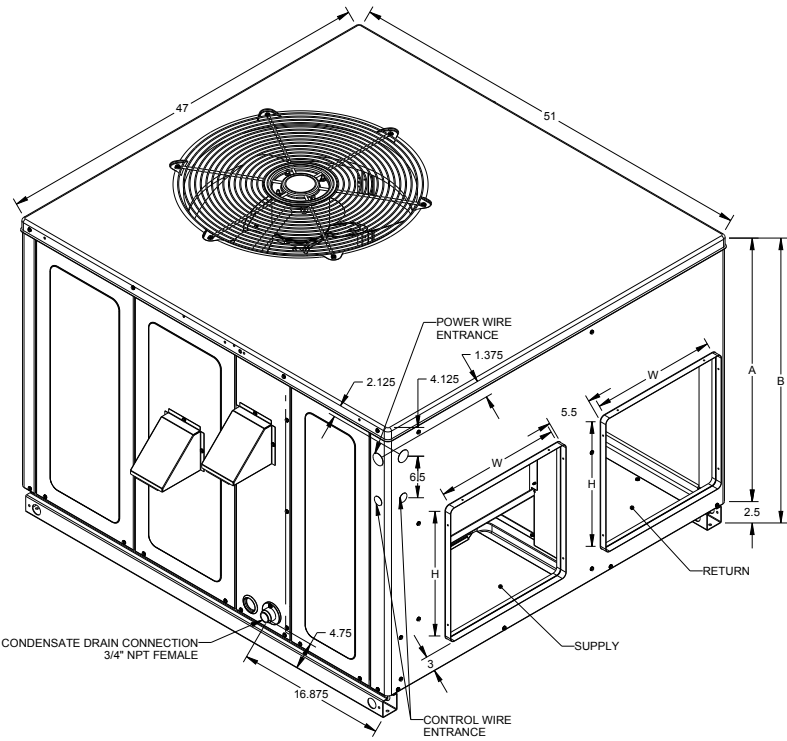
GPG1461100M41 - RISE RANGE: 35° - 65°**

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

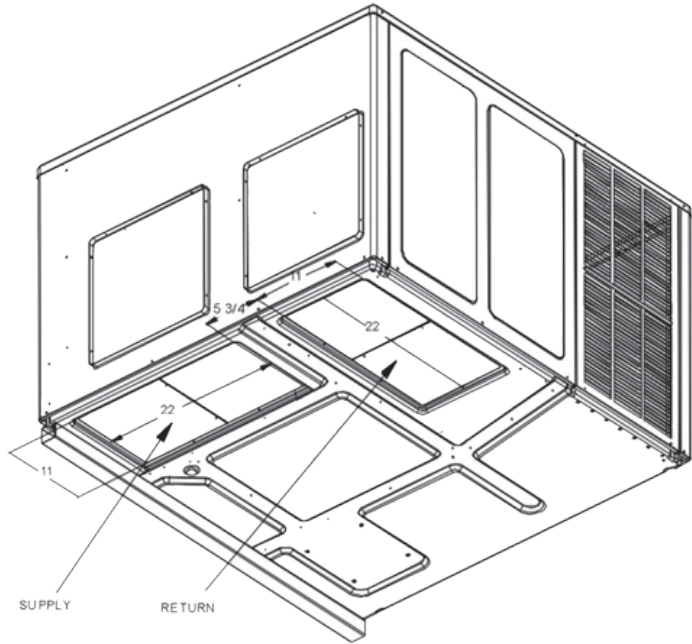
GPG1461120M41 - RISE RANGE: 35° - 65°**

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	729
0.2	1,300	286	53	1,705	567	54	1,270	279	1745	646	1,897	736
0.3	1,255	295	55	1,660	572	56	1,235	292	1700	640	1,855	742
0.4	1,205	308	57	1,620	582	57	1,175	296	1655	638	1,811	750
0.5	1,165	322	59	1,580	589	58	1,135	308	1610	656	1,764	757
0.6	1,110	335	62	1,535	604	60	1,085	318	1560	659	1,726	763
0.7	1,055	334	X	1,485	613	62	1,040	328	1520	664	1,682	770
0.8	1,010	346	X	1,435	606	64	975	337	1475	675	1,639	776

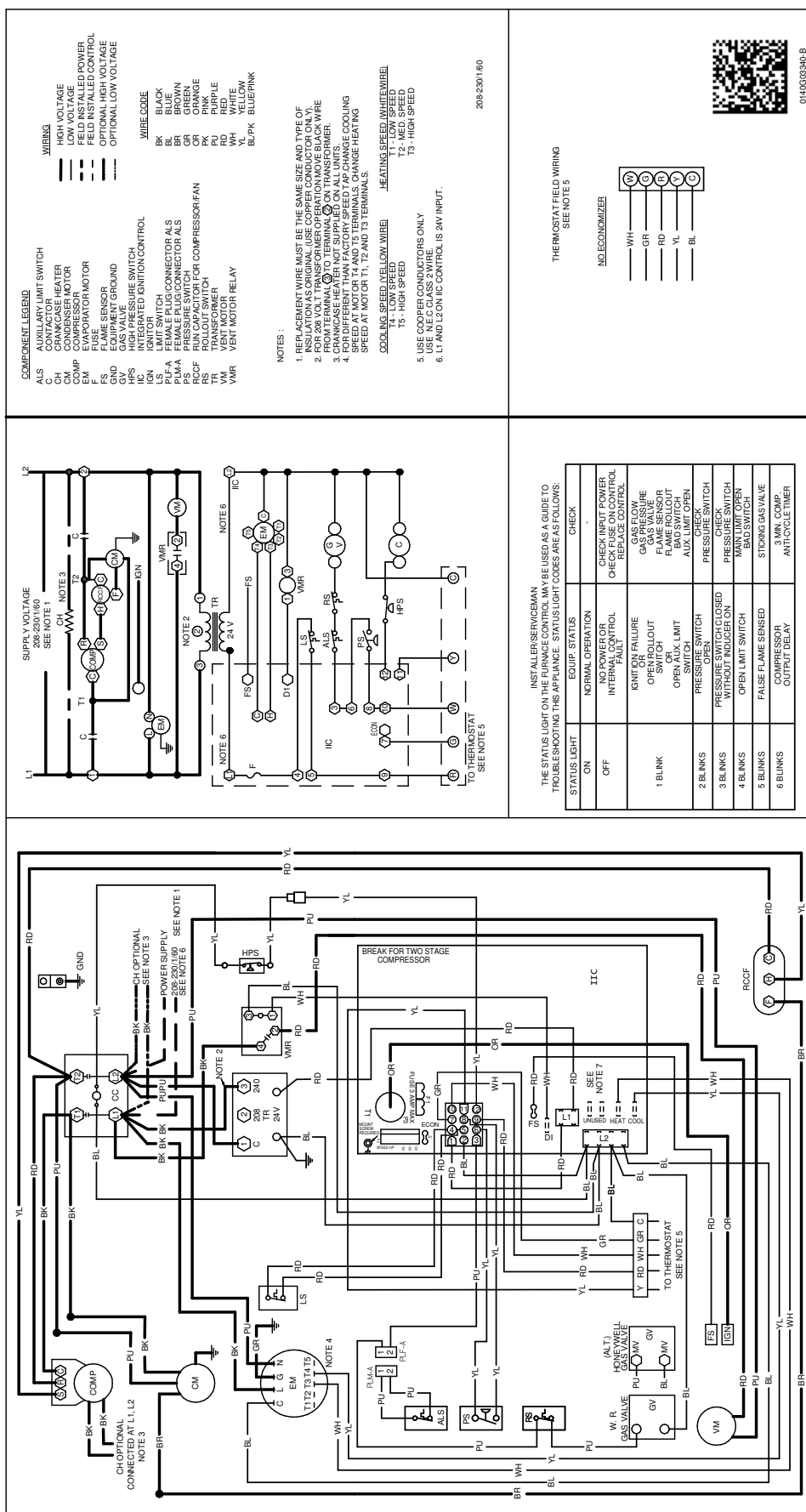




MODEL	UNIT DIMENSIONS (INCHES)				CHASSIS SIZE
			HEIGHT		
	W	D	A	B	
GPG1424***M41**	47	51	32	34½	Medium
GPG1430***M41**	47	51	32	34½	Medium
GPG1436***M41**	47	51	32	34½	Medium
GPG1442***M41A*	47	51	32	34½	Medium
GPG1442***M41C*	47	51	40	42½	Large
GPG1448***M41**	47	51	40	42½	Large
GPG1461***M41**	47	51	40	42½	Large



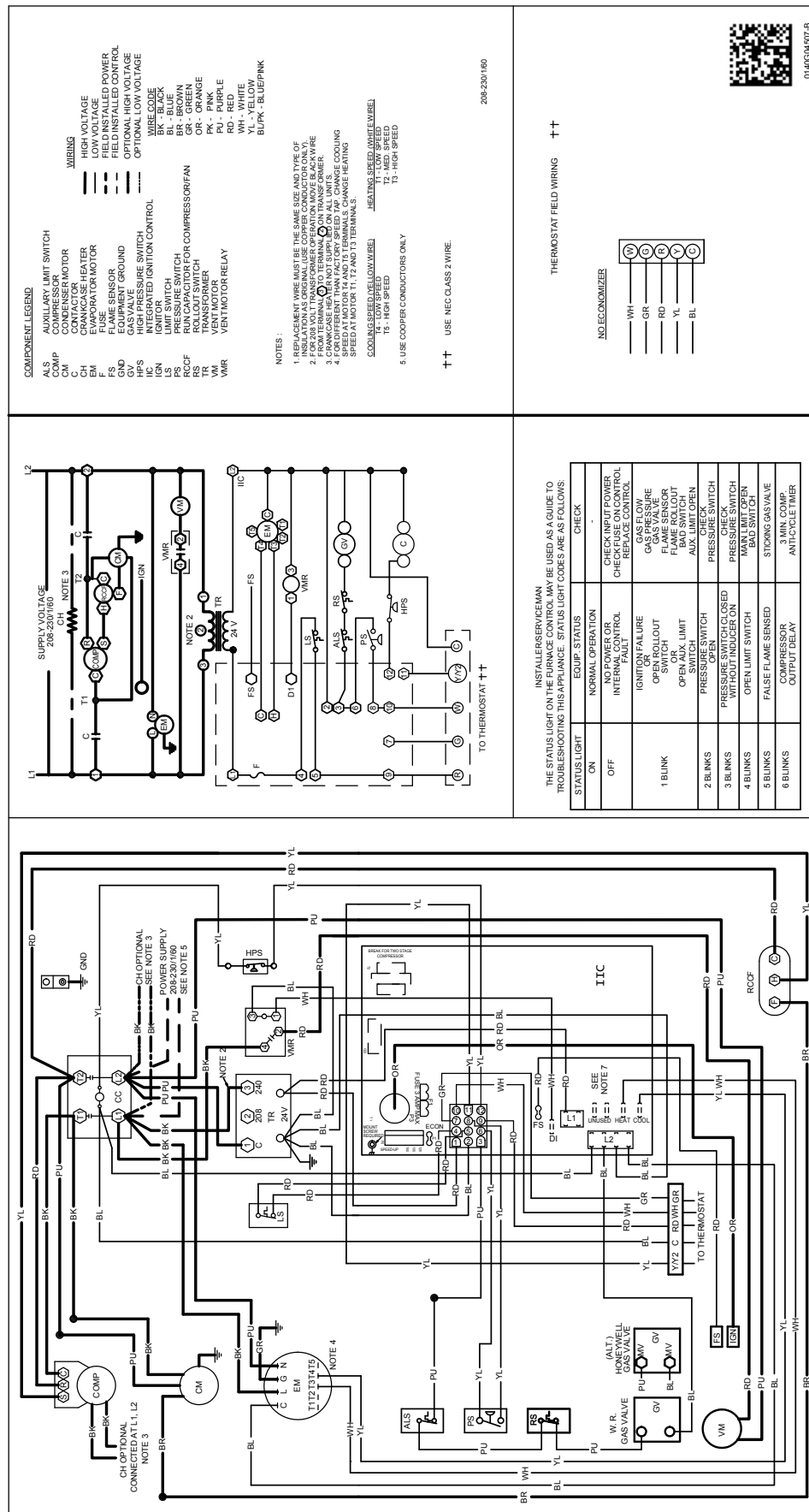
MODEL	DUCT OPENINGS			
	SUPPLY		RETURN	
	W	H	W	H
GPG1424***M41**	16	16	16	16
GPG1430***M41**	16	16	16	16
GPG1436***M41**	16	16	16	16
GPG1442***M41A*	16	16	16	16
GPG1442***M41C*	16	18	16	18
GPG1448***M41**	16	18	16	18
GPG1461***M41**	16	18	16	18



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

⚠ WARNING

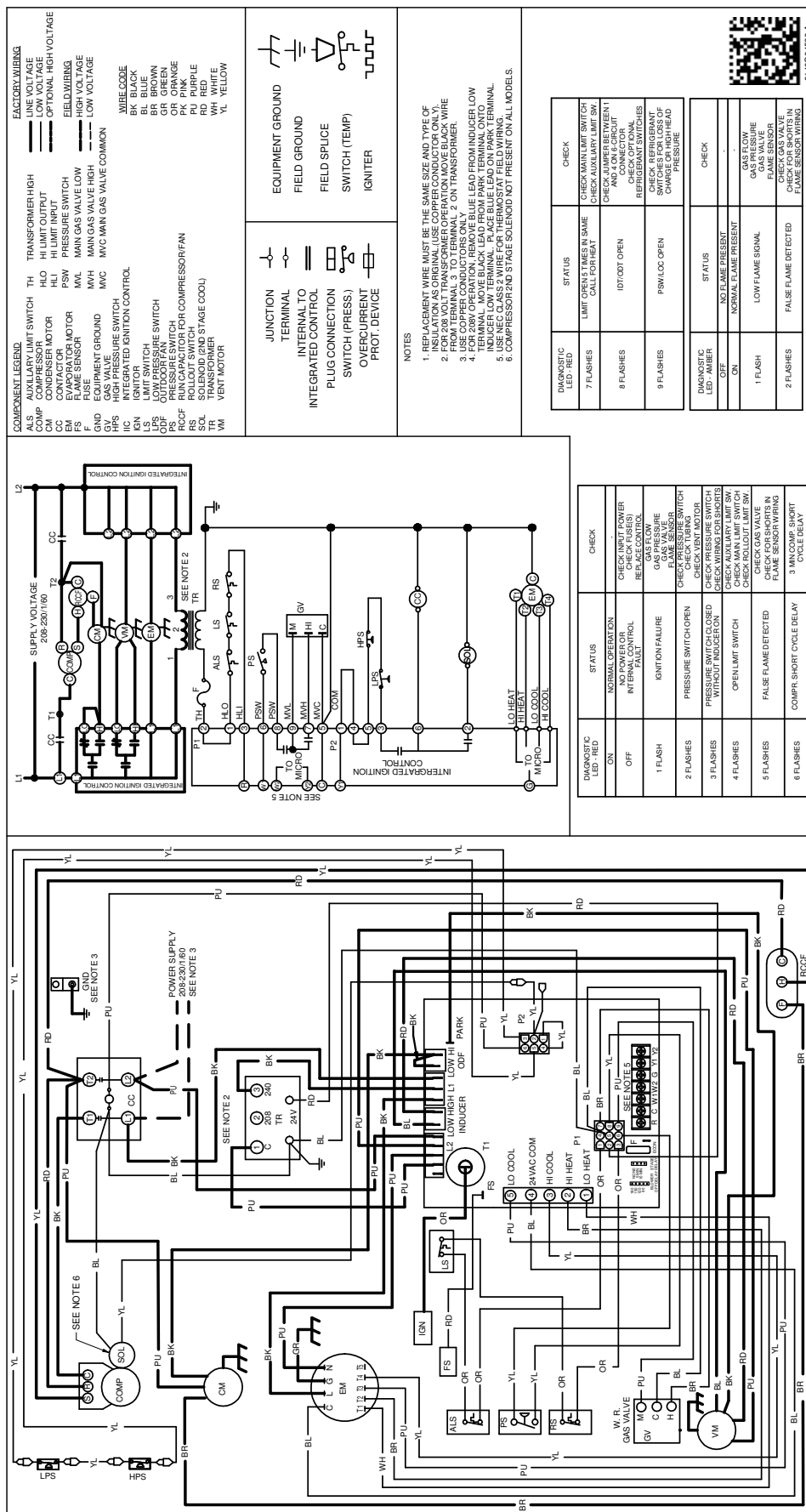
High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.



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

WARNING

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



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

⚠ WARNING

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

ACCESSORY DESCRIPTION	PARTS NUMBERS	
	MEDIUM CHASSIS	LARGE CHASSIS
Concentric Kit	CDK36	CDK4872
Downflow Economizer	PGEDJ101/102	PGEDJ103
Downflow Internal Filter Rack (with economizer)	DDNIFRPGMM	N/A (built into economizer)
Downflow Internal Filter Rack (no economizer)	DDNIFRPGA	DDNIFRPGA
Downflow Manual Damper	PGMDD101/102	PGMDD103
Downflow Motorized Damper	PGMDMD101/102	PGMDMD103
Downflow Square to Round	SQRP101/102	SQRP103
Economizer Wiring Harness (2-4 Tons)	0259G00214	0259G00214
Economizer Wiring Harness (5 Tons)	N/A	0259L00412
External Horizontal Filter Rack	DPHFRA	DPHFRA
Flue Extension Kit	FLHDKT-1	FLHDKT-1
High-Altitude Kit	HA-03	HA-03
Horizontal Duct Cover	20464501PDGK	20464502PDGK
Horizontal Economizer	DHZECPJPGCHM	DHZECPJPGCHL
Horizontal Manual Damper	PGMDH102	PGMDH103
Horizontal Motorized Damper	PGMDMH102	PGMDMH103
Horizontal Square to Round	SQRP101/102	SQRP103
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

