



Air Conditioning & Heating

# GPG14M

COOLING CAPACITY: 23,000 TO 57,500 BTU/H

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

PACKAGED GAS / ELECTRIC UNITS

2 TO 5 TONS

14 SEER / 81% AFUE



### Contents

Nomenclature.....	2
Product Specifications.....	3
Expanded Cooling Data.....	7
Airflow Data.....	26
Dimensions.....	32
Wiring Diagrams.....	33
Accessories.....	36

### Standard Features

- Durable, corrosion-resistant T-140 aluminized steel tubular heat exchanger
- Energy-efficient scroll compressor
- Multi-speed ECM indoor blower motor
- Convertible airflow: horizontal or downflow application
- Aluminum tube/aluminum fin condenser coil
- 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
- 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 NOx 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

- 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
- When properly anchored, meets 2010 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)
- Meets cabinet air leakage requirements when tested in accordance with ASHRAE standard 193
- One footprint for all tonnages



\* Complete warranty details available from your local dealer or at [www.goodmanmfg.com](http://www.goodmanmfg.com). To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

	<b>G</b>	<b>P</b>	<b>G</b>	<b>14</b>	<b>36</b>	<b>080</b>	<b>M</b>	<b>4</b>	<b>1</b>	<b>**</b>	
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4,5</b>	<b>6,7</b>	<b>8,9,10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14,15</b>	
<b>Brand</b>	G Goodman® brand										<b>Engineering</b>
											Major/ Minor Revisions
<b>Product Category</b>	P Packaged Unit										<b>Electrical</b>
											1 208-230/1/60
<b>Unit Type</b>	G Gas/Electric										<b>Refrigerant</b>
	D Dual-Fuel										4 R-410A
<b>Efficiency</b>	14 14 SEER										<b>Airflow</b>
	16 16 SEER										M Multi-Position
<b>Nominal Capacity</b>	24 2 Tons		36 3 Tons		42 3½ Tons						<b>Heat Input</b>
	30 2½ tons		37 3 Tons		48 4 Tons						40 40 MBTU/h
			60 5 Tons								60 60 MBTU/h
											80 80 MBTU/h
											100 100 MBTU/h
											120 120 MBTU/h
											140 138 MBTU/h

	GPG1424 040M41AA	GPG1424 060M41AA	GPG1430 040M41AA	GPG1430 060M41AA	GPG1430 040M41B*	GPG1430 060M41B*	GPG1436 040M41BA
<b>COOLING CAPACITY</b>							
Total BTU/h	23,000	23,000	28,600	28,600	28,600	28,600	34,200
Sensible BTU/h	18,400	18,400	22,800	22,800	22,400	22,400	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	14.0 / 11.0
Decibels	78	78	78	78	78	78	78
AHRI Reference #s	7505444	7505444	7505448	7505448	9101255	9101255	7505445
<b>HEATING CAPACITY</b>							
Input BTU/h	40,000	60,000	40,000	60,000	40,000	60,000	40,000
Output BTU/h	31,000	48,000	31,000	48,000	31,000	48,000	31,000
AFUE	81	81	81	81	81	81	81
Temperature Rise Range	25- 55	30- 60	25- 55	30- 60	25- 55	30- 60	25- 55
No. of Burners	2	3	2	3	2	3	2
Orifice Size (Natural/Propane)	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM	45 / 1.25MM
<b>EVAPORATOR MOTOR</b>							
Type	ECM	ECM	ECM	ECM	ECM	ECM	ECM
Wheel (D x W)	10" x 8"	10" x 8"	10" x 8"	10" x 8"	10" x 8"	10" x 8"	10" x 9"
Indoor Nominal CFM	800	800	1,000	1,000	1,000	1,000	1,200
Motor Speed Tap (Cooling)	T4	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	1050/3.9
Horsepower	1/2	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	4.3
Rows Deep/Fins per Inch	3/14	3/14	3/14	3/14	3/14	3/14	4/14
Piston Size (Cooling)	0.057	0.057	0.062	0.062	0.062	0.062	0.068
Filter Size (ft <sup>2</sup> )	2.7	3.3	3.4	3.4	3.4	3.4	4.0
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	75	75	78	78	78	78	72
<b>CONDENSER FAN / COIL</b>							
Horsepower- RPM	1/6- 815	1/6- 815	1/4- 1,075	1/4- 1,075	1/4- 1,075	1/4- 1,075	1/4- 830
Diameter / # of Blades	22" / 3	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	2,250
Face Area (ft <sup>2</sup> )	12.3	12.3	12.3	12.3	12.3	12.3	8.8
Rows Deep/Fins per Inch	1/24	1/24	1/24	1/24	1/24	1/24	2/27
<b>COMPRESSOR</b>							
Quantity / Type	1 / Rotary	1 / Rotary	1 / Scroll	1 / Scroll	1 / Rotary	1 / Rotary	1 / Rotary
Stage	Single	Single	Single	Single	Single	Single	Single
Compressor RLA/LRA	7.7 / 37.0	7.7 / 37.0	14.1 / 73	14.1 / 73	10.5 / 47.0	10.5 / 47.0	12.7 / 55.3
<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	208/230-1
Indoor Blower FLA	3.9	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	1.4 / 2.9	1.4 / 2.9	1.5 / 3.0
Total Unit Amps	12.7	12.7	19.4	19.4	15.8	15.8	19.5
Min. Circuit Ampacity	14.6	14.6	22.9	22.9	18.4	18.4	21.0
Max. Overcurrent Protection	20 amps	20 amps	35 amps	35 amps	25 amps	25 amps	30 amps
Entrance Size Power Supply	1½"	1½"	1½"	1½"	1½"	1½"	1½"
Entrance Size Control Voltage	⅝"	⅝"	⅝"	⅝"	⅝"	⅝"	⅝"
<b>OPERATING / SHIP WEIGHTS (LBS)</b>							
	412 / 435	417 / 439	415 / 438	420 / 442	412 / 435	417 / 439	449 / 470

<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.

	GPG1436 060M41BA	GPG1436 080M41BA	GPG1442 060M41AA	GPG1442 080M41AA	GPG1448 060M41AA	GPG1448 080M41AA	GPG1448 100M41AA
<b>COOLING CAPACITY</b>							
Total BTU/h	34,200	34,200	40,000	40,000	46,500	46,500	46,500
Sensible BTU/h	27,000	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	14.0 / 11.0
Decibels	78	78	78	78	80	80	80
AHRI Reference #s	7505445	7505445	7505449	7505449	7505446	7505446	7505446
<b>HEATING CAPACITY</b>							
Input BTU/h	60,000	80,000	60,000	80,000	60,000	80,000	100,000
Output BTU/h	48,000	64,000	48,000	64,000	48,000	64,000	80,000
AFUE	81	81	81	81	81	81	81
Temperature Rise Range	30- 60	30- 60	30- 60	30- 60	30- 60	30- 60	35- 65
No. of Burners	3	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	45 / 1.25MM
<b>EVAPORATOR MOTOR</b>							
Type	ECM	ECM	ECM	ECM	ECM	ECM	ECM
Wheel (D x W)	10" x 9"	10" x 9"	10" x 9"	10" x 9"	11" x 10"	11" x 10"	11" x 10"
Indoor Nominal CFM	1,200	1,200	1,300	1,300	1,525	1,525	1,525
Motor Speed Tap (Cooling)	T4	T4	T4	T4	T4	T4	T4
RPM/Amps (Cooling)	1050/3.9	1050/3.9	1050/5.7	1050/5.7	1,050/5.7	1,050/5.7	1,050/5.7
Horsepower	1/2	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	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	4/14
Piston Size (Cooling)	0.068	0.068	0.072	0.072	0.078	0.078	0.078
Filter Size (ft <sup>2</sup> )	4.0	4.4	4.3	4.4	5.1	5.1	5.1
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	72	72	88	88	99	99	99
<b>CONDENSER FAN / COIL</b>							
Horsepower- RPM	1/4- 830	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	22" / 3
Outdoor Nominal CFM	2,250	2,250	2,850	2,850	3,300	3,300	3,300
Face Area (ft <sup>2</sup> )	8.8	8.8	11.1	11.1	15.4	15.4	15.4
Rows Deep/Fins per Inch	2/27	2/27	2/27	2/27	1/24	1/24	1/24
<b>COMPRESSOR</b>							
Quantity / Type	1 / Rotary	1 / Rotary	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll
Stage	Single	Single	Single	Single	Single	Single	Single
Compressor RLA/LRA	12.7 / 55.3	12.7 / 55.3	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	208/230-1
Indoor Blower FLA	3.9	3.9	5.7	5.7	5.7	5.7	5.7
Outdoor Fan FLA/LRA	1.5 / 3.0	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	19.5	22.3	22.3	27.0	27.0	27.0
Min. Circuit Ampacity	21.0	21.0	26.8	26.8	32	32	32
Max. Overcurrent Protection	30 amps	30 amps	40 amps	40 amps	50 amps	50 amps	50 amps
Entrance Size Power Supply	1½"	1½"	1½"	1½"	1½"	1½"	1½"
Entrance Size Control Voltage	⅞"	⅞"	⅞"	⅞"	⅞"	⅞"	⅞"
<b>OPERATING / SHIP WEIGHTS (LBS)</b>							
	453 / 475	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.

	GPG1460 080M41AA	GPG1460 100M41AA	GPG1460 120M41AA	GPG1461 080M41A*	GPG1461 100M41A*	GPG1461 120M41A*
<b>COOLING CAPACITY</b>						
Total BTU/h	57,500	57,500	57,500	57,500	57,500	57,500
Sensible BTU/h	44,500	44,500	44,500	42,000	42,000	42,000
SEER / EER	14.2 / 10.1	14.2 / 10.1	14.2 / 10.1	14.0 / 11.0	14.0 / 11.0	14.0 / 11.0
Decibels	78	78	78	78	78	78
AHRI Reference #s	7505447	7505447	7505447	8321898	8321898	8321898
<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	ECM	ECM	ECM	ECM	ECM	ECM
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	30	30	30
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	⅞"	⅞"	⅞"	⅞"	⅞"	⅞"
<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 use to calculate the MOP and MCA.















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								
70	1329	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	-											
	1184	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	-											
1038	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	-												

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								
75	1329	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	33.9	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	0.88	0.67	0.43	1.00	0.92	0.69	0.45	1.00	0.93	0.70	0.45											
		ΔT	22	20	17	11	22	21	17	12	22	21	17	12	23	21	17	12	23	22	20	17	12	20	19	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	2.96	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	12.6	12.9	13.4	13.0	13.3	13.7	14.2	13.7	14.0	14.4	14.9											
	1184	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											
		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	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	32.9	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	0.84	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	22	18	12	23	21	17	12	22	20	16	11											
1038	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	2.94	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	12.5	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	390	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	137	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	30.4	32.9	35.3	28.0	28.9	31.2	33.5	26.0	26.7	28.9	31.1												

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



















EXPANDED COOLING DATA — GPG1460\*\*\*M41 — HIGH STAGE (CONT.)

Table with columns: Outdoor Ambient Temperature (65°F, 75°F, 85°F, 95°F, 105°F, 115°F), Indoor Wet Bulb Temperature (59, 63, 67, 71, 75, 79, 83, 87, 91, 95, 99, 103, 107, 111, 115), and Indoor Dry Bulb Temperature (59, 63, 67, 71, 75, 79, 83, 87, 91, 95, 99, 103, 107, 111, 115). Rows include Airflow (MBh, S/T, ΔT, kW, Amps, Hi/Lo PR) and system codes (2036, 1810, 1584, 80).

Table with columns: Outdoor Ambient Temperature (65°F, 75°F, 85°F, 95°F, 105°F, 115°F), Indoor Wet Bulb Temperature (59, 63, 67, 71, 75, 79, 83, 87, 91, 95, 99, 103, 107, 111, 115), and Indoor Dry Bulb Temperature (59, 63, 67, 71, 75, 79, 83, 87, 91, 95, 99, 103, 107, 111, 115). Rows include Airflow (MBh, S/T, ΔT, kW, Amps, Hi/Lo PR) and system codes (2036, 1810, 1584, 85).

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











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	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

**AIRFLOW DATA (CONT.)**

**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	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

**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	1,570	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

**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	1,570	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

**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	1,570	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

**GPG1460080M41\*\* - RISE RANGE: 30° - 60°**

E.S.P.	T1 LOW-STAGE HEATING SPEED			T2 HIGH-STAGE HEATING SPEED			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

**GPG1460100M41\*\* - RISE RANGE: 35° - 65°**

E.S.P.	T1 LOW-STAGE HEATING SPEED			T2 HIGH-STAGE HEATING SPEED			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

**GPG1460120M41\*\* - RISE RANGE: 35° - 65°**

E.S.P.	T1 LOW-STAGE HEATING SPEED			T2 HIGH-STAGE HEATING SPEED			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

**AIRFLOW DATA (CONT.)**

**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

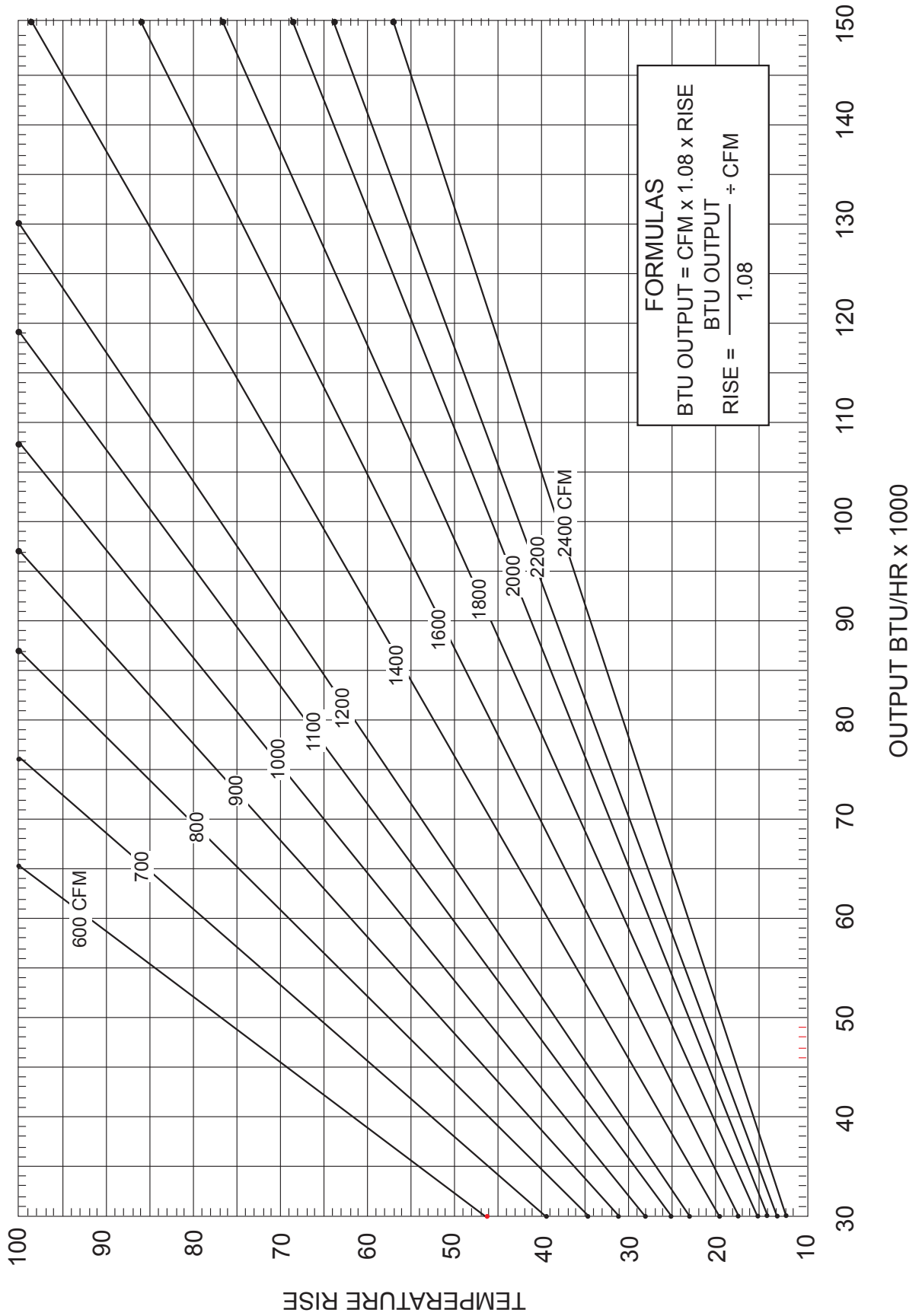
**GPG1461100M41\*\* - RISE RANGE: 35° - 65°**

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

BTU OUTPUT vs TEMPERATURE RISE CHART



1	2	3	4	5	6	7	8
ECN: XXXXXX A		REV: XXXXX A	DESCRIPTION	CHK ID: - GL			
DATE							

MODEL	DIMENSIONS				CHASSIS SIZE	
	W"	D"	H"	A		
GPG1424***M41**	47	51	34 $\frac{3}{4}$ "	32"	16"	Medium
GPG1430***M41**	47	51	34 $\frac{3}{4}$ "	32"	16"	Medium
GPG1436***M41**	47	51	34 $\frac{3}{4}$ "	32"	16"	Medium
GPG1442***M41**	47	51	34 $\frac{3}{4}$ "	32"	16"	Medium
GPG1448***M41**	47	51	42 $\frac{3}{4}$ "	40"	18"	Large
GPG1460***M41**	47	51	42 $\frac{3}{4}$ "	40"	18"	Large
GPG1461***M41**	47	51	42 $\frac{3}{4}$ "	40"	18"	Large

Labels in drawings include: COMBUSTION AIR INLETS, POWER WIRE ENTRANCE, CONTROL WIRE ENTRANCE, HOOD FLUE EXHAUST, CONDENSATE DRAIN CONNECTION 3/4" IPT FEMALE, CONTROL WIRE ENTRANCE, SUPPLY, RETURN.

Goodman Company, L.C.

GPG14M

DOWN BY: ENG: DATE: SHEET 1 OF 1

COMPONENTS AND MATERIALS SPECIFIED HEREIN WILL ALSO CONFORM TO THE APPLICABLE SECTION OF GOODMAN MSP 824.01. WORKMANSHIP STANDARD FOR FIT, FEEL AND FINISH.

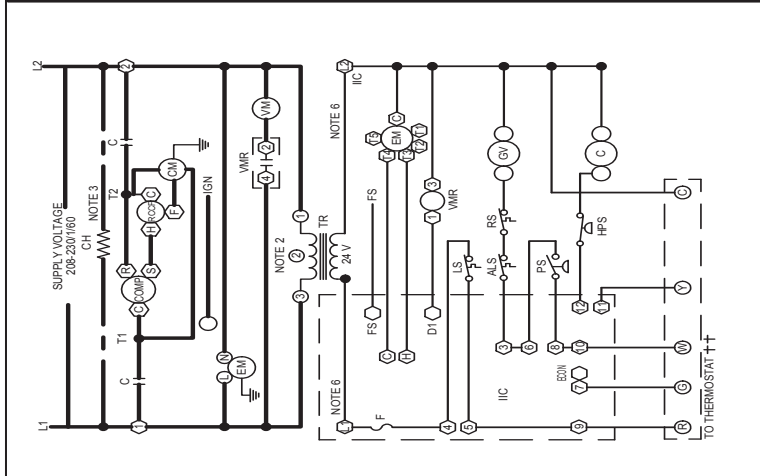
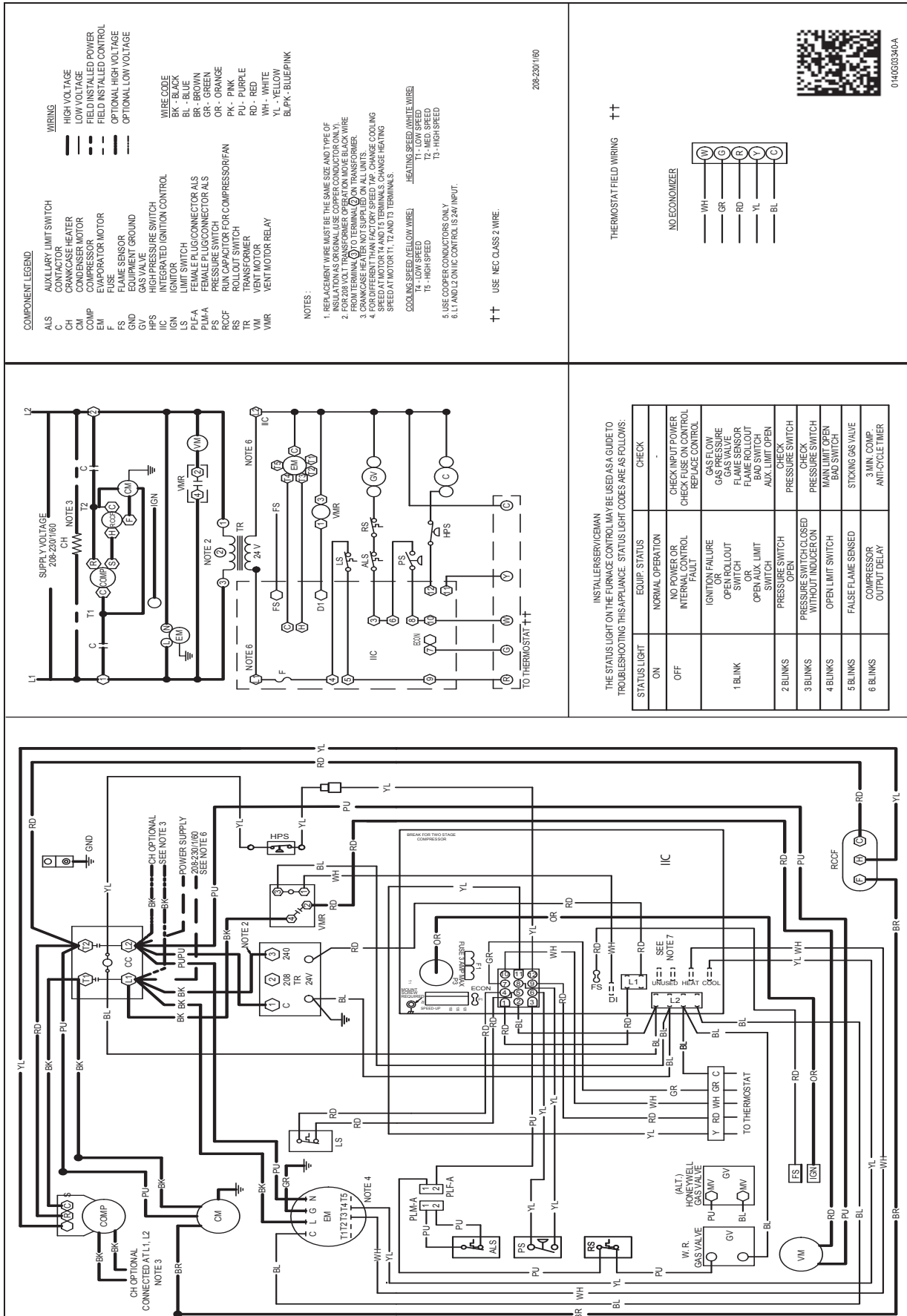
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SPECIAL CHARACTERISTICS:

- ⊕ = 6SIGMA
- ⊕ = CRITICAL CHARACTERISTIC
- ⊕ = SIGNIFICANT CHARACTERISTIC

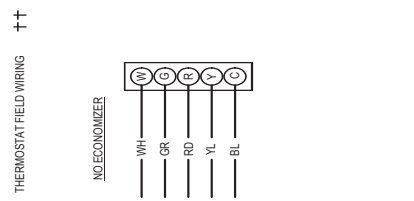
Goodman Company, L.C.





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

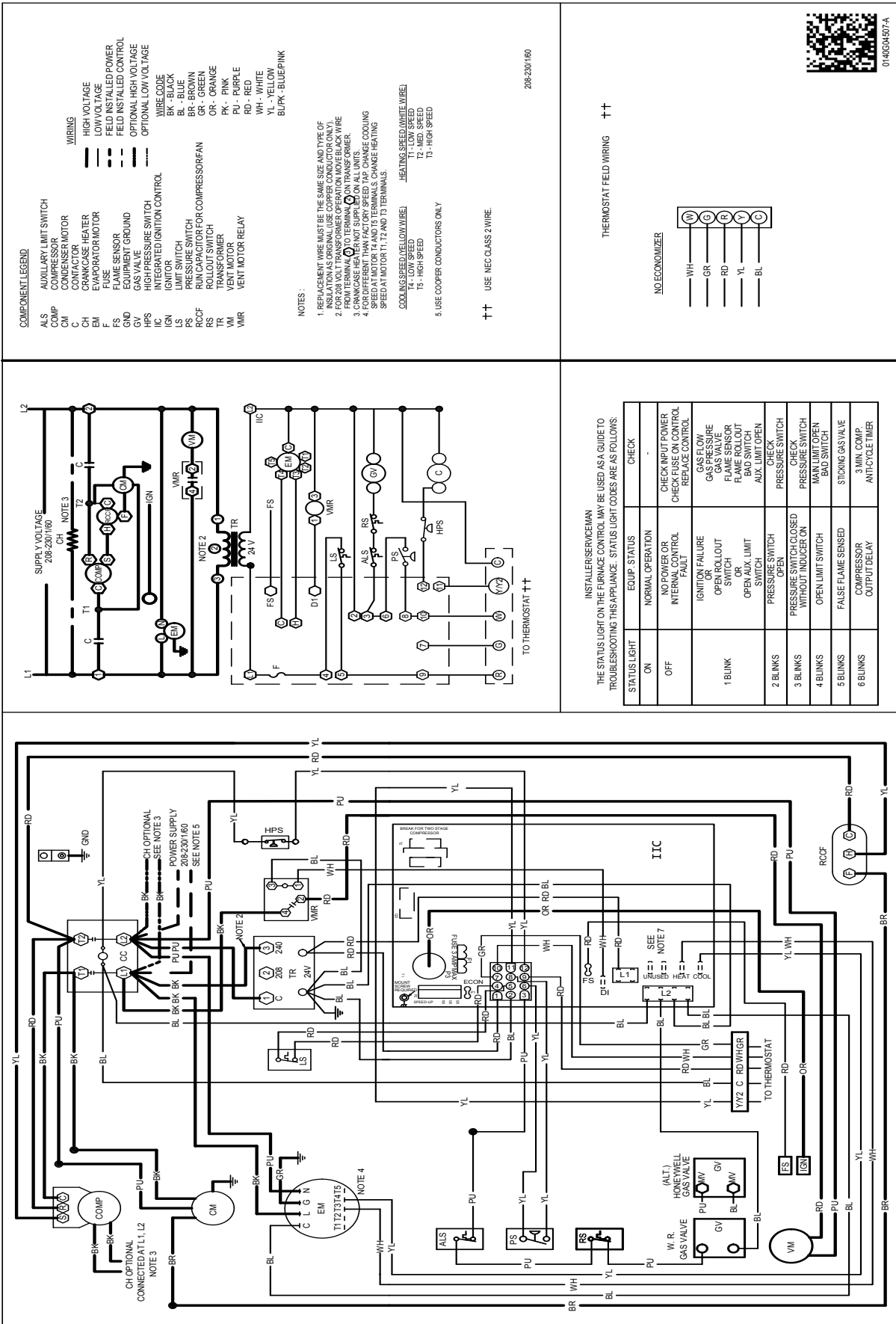
STATUS LIGHT	EQUIP. STATUS	CHECK
ON	NORMAL OPERATION	-
OFF	NO POWER OR INTERNAL CONTROL FAULT	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE OPEN ROLLOUT SWITCH OR OPEN AUX. LIMIT SWITCH	GAS FLOW WATER FLOW GAS VALVE FLAME SENSOR FLAME ROLLOUT BAD SWITCH AUX. LIMIT OPEN
2 BLINKS	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH
3 BLINKS	PRESSURE SWITCH CLOSED WITHOUT INDICATOR	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-CYCLETIMER



**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.

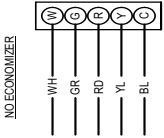
Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.



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

STATUS LIGHT	EQUIP. STATUS	CHECK
ON	NORMAL OPERATION	
OFF	NO POWER OR INTERNAL CONTROL 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 GAS VALVE FLAME SENSING FLAME ROLL-OUT BAD SWITCH AUX. LIMIT OPEN
2 BLINKS	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH
3 BLINKS	PRESSURE SWITCH CLOSED WITHOUT INDICATOR 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

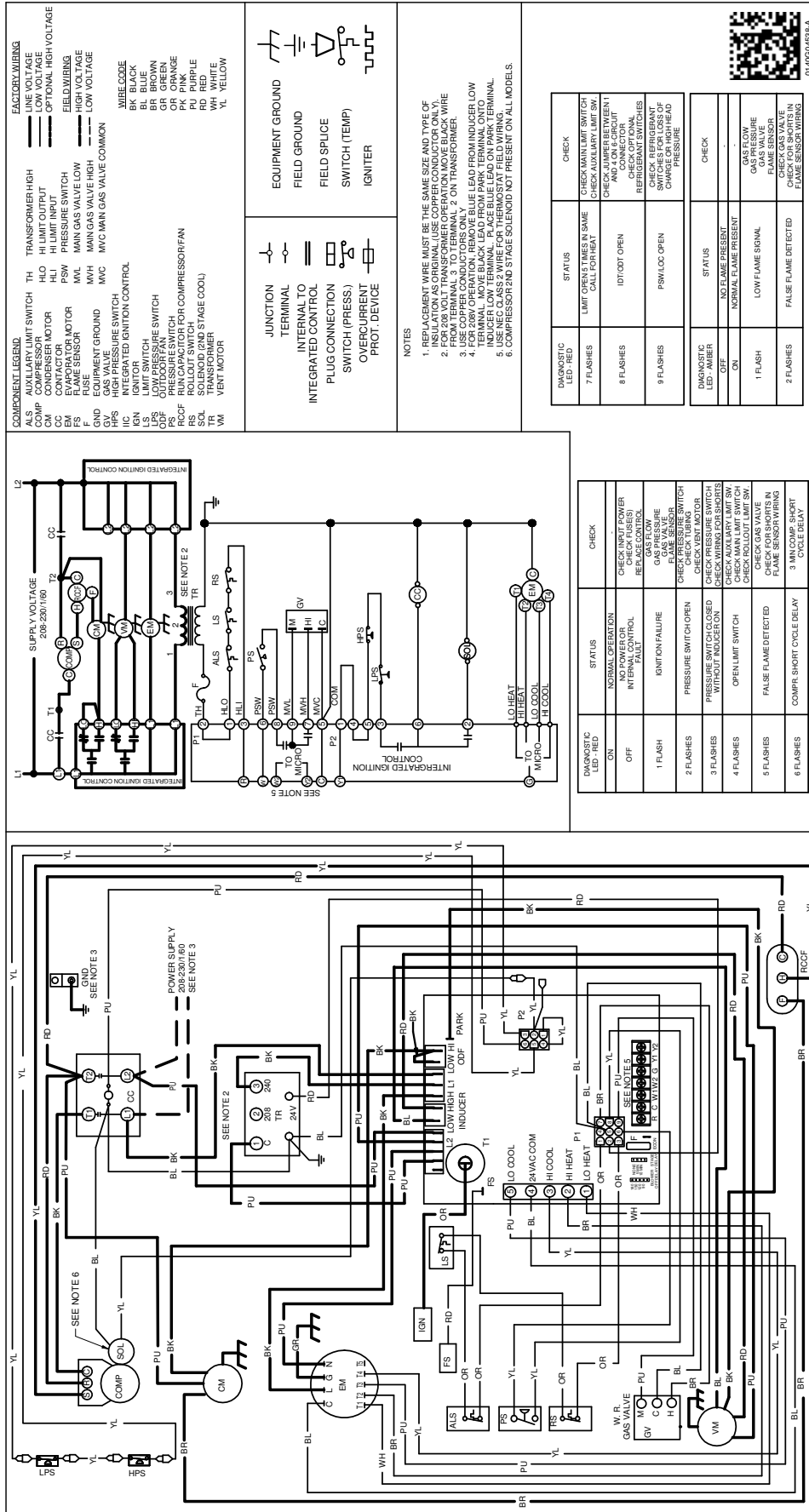


NO ECONOMIZER

**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.



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

**WARNING**

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

ACCESSORY DESCRIPTION	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)	PGFR102	PGFR103
Downflow Manual Damper	PGMDD101/102	PGMDD103
Downflow Motorized Damper	PGMDMD101/102	PGMDMD103
Downflow Square to Round	SQRPG101/102	SQRPG103
Economizer Wiring Harness (2-4 Tons)	0259G00214	0259G00214
Economizer Wiring Harness (5 Tons)	N/A	0259L00412
External Horizontal Filter Rack	DPHFRA	DPHFRA
Flue Extension Kit	FLHDKT-1	FLHDKT-1
High-Altitude Kit	HA-03	HA-03
Horizontal Duct Cover	20464501PDGK	20464502PDGK
Horizontal Economizer	DHZECNJPCHM	DHZECNJPCHL
Horizontal Manual Damper	PGMDH102	PGMDH103
Horizontal Motorized Damper	PGMDMH102	PGMDMH103
Horizontal Square to Round	SQRPGH101/102	SQRPGH103
Internal Horizontal Filter Rack	DHZIFRPGCHA	DHZIFRPGCHA
LP Conversion Kit (Single-Stage Models)	LPM-07	LPM-07
LP Conversion Kit (Two-Stage Models)	N/A	LPM-08
Outdoor Thermostat with Housing	OTDFPKG-01	OTDFPKG-01
Roof Curb	D14CRBPGCHMA	D14CRBPGCHMA