

13 SEER PACKAGE GAS / ELECTRIC UNIT, 2 to 5 TONS

Single Phase, 208/230 V, 60 Hz

REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Scroll compressor standard on all models
- Copper tube/aluminum fin condenser and evaporator coils
- Dehumidification mode (airflow reduction) on all models

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications
- Combination gas heating and electric cooling
- Low NOx units available

BUILT TO LAST

- Pre-painted steel cabinet
- Direct spark ignition
- High efficiency ECM indoor blower motor on all models
- Aluminized steel tubular heat exchanger on PGD3 models, Stainless Steel tubular heat exchanger on PGS3 models
- Tin-coated evaporator coil standard on PGS models (not available on PGD models).
- Hail guard (3/8" spacing) wire grilles standard on PGS models (2" spacing wire grilles on PGD models)
- Full perimeter steel base rails
- High and low pressure switches provide added reliability for the compressor
- PGS3 models come with tin-coated copper evaporator coil standard

WARRANTY*

- 1 year No Hassle Replacement™ limited warranty for PGS3 models
- 10 year heat exchanger limited warranty for PGD3, Lifetime heat exchanger limited warranty for PGS3 models
- 5 year parts limited warranty (including compressor and coils)
 - With timely registration, an additional 5 year parts limited warranty (including compressor and coils)

*Applies to original purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.



| UNIT PERFORMANCE DATA | | | | | | | | |
|------------------------------------|-----------------------------------|-------------------|------|------|----------------|----------------------|---|------------------------------|
| Model Number | | COOLING | | | HEATING | | Unit Dimensions Height x Width x Depth in (mm) | Operating Weight lbs (kg) |
| Aluminized Steel Heat Exchanger | Stainless Steel Heat Exchanger | Capacity BTU/h | SEER | EER | Input BTU/h | Efficiency AFUE % | | |
| PGD324040K00*C | PGS324040KGP*C | 23,000 | 13.2 | 11.0 | 40,000 | 80.0 | 40x48 ³ / ₁₆ x32 ⁵ / ₈ (1016x1224x829) | 304 (137) |
| PGD324060K00*C | PGS324060KGP*C | 23,000 | 13.2 | 11.0 | 60,000 | 80.0 | 40x48 ³ / ₁₆ x32 ⁵ / ₈ (1016x1224x829) | 304 (137) |
| PGD330040K00*C | PGS330040KGP*C | 28,600 | 13.5 | 11.2 | 40,000 | 80.0 | 42x48 ³ / ₁₆ x32 ⁵ / ₈ (1066x1224x829) | 309 (140) |
| PGD330060K00*C | PGS330060KGP*C | 28,600 | 13.5 | 11.2 | 60,000 | 80.0 | 42x48 ³ / ₁₆ x32 ⁵ / ₈ (1066x1224x829) | 309 (140) |
| PGD336060K00*C | PGS336060KGP*C | 34,400 | 13.0 | 11.0 | 60,000 | 80.0 | 46x48 ³ / ₁₆ x32 ⁵ / ₈ (1168x1224x829) | 319 (144) |
| PGD336090K00*C | PGS336090KGP*C | 34,400 | 13.0 | 11.0 | 90,000 | 79.3 | 46x48 ³ / ₁₆ x32 ⁵ / ₈ (1168x1224x829) | 319 (144) |
| PGD342060K00*C | PGS342060KGP*C | 40,500 | 13.2 | 11.2 | 60,000 | 78.5 | 40x48 ³ / ₁₆ x44 ¹ / ₈ (1016x1224x1123) | 411 (186) |
| PGD342090K00*C | PGS342090KGP*C | 40,500 | 13.2 | 11.2 | 90,000 | 80.4 | 40x48 ³ / ₁₆ x44 ¹ / ₈ (1016x1224x1123) | 411 (186) |
| PGD348090K00*C | PGS348090KGP*C | 46,500 | 13.2 | 11.2 | 90,000 | 80.4 | 42x48 ³ / ₁₆ x44 ¹ / ₈ (1066x1224x1123) | 419 (190) |
| PGD348115K00*C | PGS348115KGP*C | 46,500 | 13.2 | 11.2 | 115,000 | 80.3 | 42x48 ³ / ₁₆ x44 ¹ / ₈ (1066x1224x1123) | 419 (190) |
| PGD348130K00*C | PGS348130KGP*C | 46,500 | 13.2 | 11.2 | 130,000 | 78.9 | 42x48 ³ / ₁₆ x44 ¹ / ₈ (1066x1224x1123) | 419 (190) |
| PGD360090K00*C | PGS360090KGP*C | 57,000 | 13.4 | 11.0 | 90,000 | 80.4 | 42x48 ³ / ₁₆ x44 ¹ / ₈ (1066x1224x1123) | 419 (190) |
| PGD360115K00*C | PGS360115KGP*C | 57,000 | 13.4 | 11.0 | 115,000 | 80.3 | 42x48 ³ / ₁₆ x44 ¹ / ₈ (1066x1224x1123) | 441 (200) |
| PGD360130K00*C | PGS360130KGP*C | 57,000 | 13.4 | 11.0 | 130,000 | 78.9 | 42x48 ³ / ₁₆ x44 ¹ / ₈ (1066x1224x1123) | 441 (200) |

* - 0 = Standard, 1 = Low NOx

| MODEL NOMENCLATURE | | | | | | | | | | | |
|--|---|---|---|---|-----|-------|----|-------|----|----|----|
| MODEL SERIES | 1 | 2 | 3 | 4 | 5,6 | 7,8,9 | 10 | 11,12 | 13 | 14 | 15 |
| | P | G | D | 3 | 36 | 090 | K | 00 | 0 | C | 1 |
| P = Package A = Air Conditioner H = Heat Pump G = Gas/Electric D = Dual Fuel D = Standard S = Mainline w/ SS HX 3 = 13 4 = 14 5 = 15 24 = 24,000 BTUH = 2 Tons 30 = 30,000 BTUH = 2.5 Tons 36 = 36,000 BTUH = 3 Tons 42 = 42,000 BTUH = 3.5 Tons 48 = 48,000 BTUH = 4 Tons 60 = 60,000 BTUH = 5 Tons 000 = no factory heat 040 = 40,000 BTU/hr 060 = 60,000 BTU/hr 090 = 90,000 BTU/hr 115 = 115,000 BTU/hr 130 = 130,000 BTU/hr K = 208/230-1-60 H = 208/230-3-60 L = 460-3-60 00 = No options GP = Tin Plated Evap Main Tubes plus Stainless Steel Heat Exchanger 0 = Standard 1 = Low NOx Sales Model Digit Engineering Digit | | | | | | | | | | | |
| TYPE | | | | | | | | | | | |
| TIER | | | | | | | | | | | |
| SEER | | | | | | | | | | | |
| NOMINAL COOLING CAPACITY | | | | | | | | | | | |
| NOMINAL HEATING BTUH (input) | | | | | | | | | | | |
| VOLTAGE | | | | | | | | | | | |
| FACTORY INSTALLED OPTIONS | | | | | | | | | | | |
| FEATURE CODE | | | | | | | | | | | |

AHRI* CAPACITIES

| COOLING CAPACITIES AND EFFICIENCIES | | | | | |
|-------------------------------------|--------------|--------------|-------------------------------|-------|-------|
| UNIT PG(D,S)3 | NOMINAL TONS | STANDARD CFM | NET COOLING CAPACITIES (Btuh) | EER** | SEER† |
| 24 | 2 | 800 | 23,000 | 11.0 | 13.2 |
| 30 | 2-1/2 | 1000 | 28,400 | 11.2 | 13.5 |
| 36 | 3 | 1200 | 34,400 | 11.0 | 13.0 |
| 42 | 3-1/2 | 1400 | 40,500 | 11.2 | 13.2 |
| 48 | 4 | 1600 | 46,500 | 11.2 | 13.2 |
| 60 | 5 | 1750 | 57,000 | 11.0 | 13.4 |

LEGEND

dB—Sound Levels (decibels)

db—Dry Bulb

SEER—Seasonal Energy Efficiency Ratio

wb—Wet Bulb

COP—Coefficient of Performance

* Air Conditioning, Heating, & Refrigeration Institute.

**At "A" conditions—80°F (26.7°C) indoor db/67°F (19.4°C) indoor wb & 95°F (35°C) outdoor db.

† Rated in accordance with U.S. Government DOE Department of Energy) test procedures and/or AHRI Standards 210/240.

Notes:

1. Ratings are net values, reflecting the effects of circulating fan heat.

Ratings are based on:

Cooling Standard: 80°F (26.7°C) db, 67°F wb (19.4°C) indoor entering—air temperature and 95°F db (35°C) outdoor entering—air temperature.

2. Before purchasing this appliance, read important energy cost and efficiency information available from your retailer.

GAS HEATING CAPACITIES AND EFFICIENCIES

| PG(D,S)3 | HEATING INPUT (Btuh) | OUTPUT CAPACITY (Btuh) | TEMPERATURE RISE RANGE °F (°C) | AFUE (%) |
|----------------------------------|-------------------------|--------------------------------------|-----------------------------------|------------------------------|
| 24040 30040 | 40,000 | 32,000 | 30-60 (16.7-33.3) | 80.0 |
| 24060 30060 36060 42060 | 60,000 | 48,000 48,000 48,000 47,000 | 25-55 (13.9-30.6) | 80.0 80.0 80.0 78.5 |
| 36090 42090 48090 60090 | 90,000 | 72,000 73,000 73,000 73,000 | 35-65 (19.4-36.1) | 79.3 80.4 80.4 80.4 |
| 48115 60115 | 115,000 | 93,000 | 30-60 (16.7-33.3) | 80.3 |
| 48130 60130 | 130,000 | 103,000 | 35-65 (19.4-36.1) | 78.9 |

LEGEND

AFUE—Annual Fuel Utilization Efficiency

NOTE: Before purchasing this appliance, read important energy cost and efficiency information available from your retailer.

UNIT ELECTRICAL SPECIFICATIONS

| MODEL NUMBER | Voltage Range | | Compressor | | OFM | IFM | IDM | Power Supply | |
|---------------|---------------|------|------------|-------|-----|-----|-----|--------------|------|
| | Min. | Max. | RLA | LRA | FLA | FLA | FLA | MCA | MOCP |
| PG(D,S)324040 | 187 | 253 | 12.8 | 58.3 | 1.2 | 4.1 | 0.7 | 21.3 | 30. |
| PG(D,S)324060 | | | 12.8 | 58.3 | 1.2 | 4.1 | 1.7 | 21.3 | 30. |
| PG(D,S)330040 | | | 12.8 | 64.0 | 1.2 | 4.1 | 0.7 | 21.3 | 30. |
| PG(D,S)330060 | | | 12.8 | 64.0 | 1.2 | 4.1 | 1.7 | 21.3 | 30. |
| PG(D,S)336060 | | | 16.7 | 79.0 | 1.2 | 6.0 | 1.7 | 28.0 | 40. |
| PG(D,S)336090 | | | 16.7 | 79.0 | 1.2 | 6.0 | 0.5 | 28.0 | 40. |
| PG(D,S)342060 | | | 17.9 | 112.0 | 1.2 | 6.0 | 1.7 | 29.6 | 40. |
| PG(D,S)342090 | | | 17.9 | 112.0 | 1.2 | 6.0 | 0.7 | 29.6 | 40. |
| PG(D,S)348090 | | | 21.8 | 117.0 | 1.2 | 7.6 | 0.7 | 36.0 | 50. |
| PG(D,S)348115 | | | 21.8 | 117.0 | 1.2 | 7.6 | 1.7 | 36.0 | 50. |
| PG(D,S)348130 | | | 21.8 | 117.0 | 1.2 | 7.6 | 0.5 | 36.0 | 50. |
| PG(D,S)360090 | | | 26.4 | 134.0 | 1.2 | 7.6 | 0.7 | 41.8 | 60. |
| PG(D,S)360115 | | | 26.4 | 134.0 | 1.2 | 7.6 | 1.7 | 41.8 | 60. |
| PG(D,S)360130 | | | 26.4 | 134.0 | 1.2 | 7.6 | 0.5 | 41.8 | 60. |

** FUSE OR CIRCUIT BREAKER

LEGEND

- FLA = Full Load Amps
- LRA = Locked Rotor Amps
- MCA = Minimum Circuit Ampacity
- MOCP = Maximum Overcurrent Protection
- RLA = Rated Load Amps

1. In compliance with NEC (National Electrical Code) requirements for multimotor and combination load equipment (refer to NEC Articles 430 and 440), the overcurrent protective device for the unit shall be Power Supply fuse. The CGA (Canadian Gas Association) units may be fuse or circuit breaker.

2. Minimum wire size is based on 60 C copper wire. If other than 60 C wire is used, or if length exceeds wire length in table, determine size from NEC.



UNIT SPECIFICATIONS PG(D,S)324 – 42

| UNIT SIZE | 24040 | 24060 | 30040 | 30060 | 36060 | 36090 | 42060 | 42090 |
|--|--|-----------------------|------------|------------|-----------------------|------------|------------|------------|
| NOMINAL COOLING CAPACITY (ton) | 2 | 2 | 2-1/2 | 2-1/2 | 3 | 3 | 3-1/2 | 3-1/2 |
| NOMINAL HEATING INPUT (Btu/hrs) | 40,000 | 60,000 | 40,000 | 60,000 | 60,000 | 90,000 | 60,000 | 90,000 |
| SHIPPING WEIGHT** lb. | 311 | 311 | 316 | 316 | 326 | 326 | 420 | 420 |
| SHIPPING WEIGHT** (kg) | 141 | 141 | 143 | 143 | 148 | 148 | 191 | 191 |
| COMPRESSORS | Scroll | | | | | | | |
| Quantity | 1 | | | | | | | |
| REFRIGERANT (R-410A) | | | | | | | | |
| Quantity lb. | 4.8 | 4.8 | 6.2 | 6.2 | 6.4 | 6.4 | 6.1 | 6.1 |
| Quantity (kg) | 2.2 | 2.2 | 2.8 | 2.8 | 2.9 | 2.9 | 2.7 | 2.7 |
| REFRIGERANT METERING DEVICE | TXV | | | | | | | |
| OUTDOOR COIL | | | | | | | | |
| Rows...Fins/in. | 1...21 | 1...21 | 1...21 | 1...21 | 1...21 | 1...21 | 1...21 | 1...21 |
| Face Area (sq ft) | 10.2 | 10.2 | 11.9 | 11.9 | 15.4 | 15.4 | 13.6 | 13.6 |
| OUTDOOR FAN | | | | | | | | |
| Nominal CFM | 2800 | 2800 | 3000 | 3000 | 3200 | 3200 | 3600 | 3600 |
| Diameter in. | 24 | 24 | 24 | 24 | 24 | 24 | 26 | 26 |
| Diameter (mm) | 609.6 | 609.6 | 609.6 | 609.6 | 609.6 | 609.6 | 660.4 | 660.4 |
| Motor Hp (Rpm) | 1/5 (810) | 1/5 (810) | 1/5 (810) | 1/5 (810) | 1/5 (810) | 1/5 (810) | 1/5 (810) | 1/5 (810) |
| INDOOR COIL | | | | | | | | |
| Rows...Fins/in. | 2...17 | 2...17 | 3...17 | 3...17 | 3...17 | 3...17 | 3...17 | 3...17 |
| Face Area (sq ft) | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 4.7 | 4.7 |
| INDOOR BLOWER | | | | | | | | |
| Nominal Cooling Airflow (Cfm) | 800 | 800 | 1000 | 1000 | 1200 | 1200 | 1400 | 1400 |
| Size in. | 10x10 | 10x10 | 10x10 | 10x10 | 11x10 | 11x10 | 11x10 | 11x10 |
| Size (mm.) | 254x254 | 254x254 | 254x254 | 254x254 | 279.4x254 | 279.4x254 | 279.4x254 | 279.4x254 |
| Motor HP (RPM) | 1/2 (1050) | 1/2 (1050) | 1/2 (1050) | 1/2 (1050) | 3/4 (1000) | 3/4 (1000) | 3/4 (1075) | 3/4 (1075) |
| FURNACE SECTION* | | | | | | | | |
| Burner Orifice No. (Qty...Drill Size) | | | | | | | | |
| Natural Gas Factory Installed | 2...44 | 2...38 | 2...44 | 2...38 | 2...38 | 3...38 | 2...38 | 3...38 |
| Propane Gas | 2...55 | 2...53 | 2...55 | 2...53 | 2...53 | 3...53 | 2...53 | 3...53 |
| HIGH-PRESSURE SWITCH (psig) | Cut-out (Auto) 650 +/- 15 Reset (Auto) 420 +/- 25 | | | | | | | |
| LOSS-OF-CHARGE / LOW-PRESSURE SWITCH (Liquid Line) (psig) | Cut-out (Auto) 20 +/- 5 Reset (Auto) 45 +/- 10 | | | | | | | |
| RETURN-AIR FILTERS†‡ | | | | | | | | |
| Throwaway Size in. (mm) | 20x20x1 508x508x25 | 20x24x1 508x610x25 | | | 24x30x1 610x762x25 | | | |

UNIT SPECIFICATIONS PG(D,S)348 – 60

| UNIT SIZE | 48090 | 48115 | 48130 | 60090 | 60115 | 60130 |
|--|--|------------|------------|------------|------------|------------|
| NOMINAL CAPACITY (ton) | 4 | 4 | 4 | 5 | 5 | 5 |
| NOMINAL HEATING INPUT (Btu/hrs) | 90,000 | 115,000 | 130,000 | 90,000 | 115,000 | 130,000 |
| SHIPPING WEIGHT** lb | 428 | 428 | 428 | 450 | 450 | 450 |
| SHIPPING WEIGHT** kg | 194 | 194 | 194 | 204 | 204 | 204 |
| COMPRESSORS | Scroll | | | | | |
| Quantity | 1 | | | | | |
| REFRIGERANT (R-410A) | | | | | | |
| Quantity lb | 6.4 | 6.4 | 6.4 | 10.0 | 10.0 | 10.0 |
| Quantity (kg.) | 2.9 | 2.9 | 2.9 | 4.5 | 4.5 | 4.5 |
| REFRIGERANT METERING DEVICE | TXV | | | | | |
| OUTDOOR COIL | | | | | | |
| Rows...Fins/in. | 1...21 | 1...21 | 1...21 | 2...21 | 2...21 | 2...21 |
| Face Area (sq ft) | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 |
| OUTDOOR FAN | | | | | | |
| Nominal Cfm | 4000 | 4000 | 4000 | 3200 | 3200 | 3200 |
| Diameter in. | 26 | 26 | 26 | 26 | 26 | 26 |
| Diameter (mm) | 660.4 | 660.4 | 660.4 | 660.4 | 660.4 | 660.4 |
| Motor Hp (Rpm) | 1/5 (810) | 1/5 (810) | 1/5 (810) | 1/5 (810) | 1/5 (810) | 1/5 (810) |
| INDOOR COIL | | | | | | |
| Rows...Fins/in. | 3...17 | 3...17 | 3...17 | 3...17 | 3...17 | 3...17 |
| Face Area (sq ft) | 4.7 | 4.7 | 4.7 | 5.7 | 5.7 | 5.7 |
| INDOOR BLOWER | | | | | | |
| Nominal Cooling Airflow (Cfm) | 1600 | 1600 | 1600 | 1750 | 1750 | 1750 |
| Size in. | 11x10 | 11x10 | 11x10 | 11x10 | 11x10 | 11x10 |
| Size (mm) | 279.4x254 | 279.4x254 | 279.4x254 | 279.4x254 | 279.4x254 | 279.4x254 |
| Motor HP (RPM) | 1.0 (1075) | 1.0 (1075) | 1.0 (1075) | 1.0 (1040) | 1.0 (1040) | 1.0 (1040) |
| FURNACE SECTION* | | | | | | |
| Burner Orifice No. | | | | | | |
| Natural Gas Qty...Drill Size (Factory Installed) | 3...38 | 3...33 | 3...31 | 3...38 | 3...33 | 3...31 |
| Propane Gas | 3...53 | 3...51 | 3...49 | 3...53 | 3...51 | 3...49 |
| HIGH-PRESSURE SWITCH (psig) | Cut-out (Auto) 650 +/- 15 Reset (Auto) 420 +/- 25 | | | | | |
| LOSS-OF-CHARGE / LOW-PRESSURE SWITCH (Liquid Line) (psig) | Cut-out (Auto) 20 +/- 5 Reset (Auto) 45 +/- 10 | | | | | |
| RETURN-AIR FILTERS†‡ Throwaway†‡ in. (mm) | 24x36x1 610x914x25 | | | | | |

*Based on altitude of 0 to 2000 ft (0-610 m).

† Required filter sizes shown are based on the larger of the AHRI (Air Conditioning, Heating, and Refrigeration Institute) rated cooling airflow or the heating airflow velocity of 300 ft/minute for throwaway type. Air filter pressure drop for non-standard filters must not exceed 0.08 IN. W.C.

‡ If using accessory filter rack refer to the filter rack installation instructions for correct filter sizes and quantity.

UNIT AIRFLOW, Horizontal and Downflow Discharge, 230 Volts, Dry Coil

| Unit PG(D,S)3 | Heating Rise Range °F (°C) | Motor Speed | Wire Color | External Static Pressure (in wc) | | | | | | | | | | |
|------------------|----------------------------------|-----------------------|---------------|----------------------------------|------|------|------|------|------|------|------|------|------|----|
| | | | | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | | |
| 24040 | 30 – 60 (17 – 33) | Low | Blue | CFM | 754 | 650 | 538 | 429 | -- | -- | -- | -- | -- | -- |
| | | | | Heating Rise (°F) | 40 | 46 | 56 | NA | NA | NA | NA | NA | NA | |
| | | | | Heating Rise (°C) | 22 | 26 | 31 | NA | NA | NA | NA | NA | NA | |
| | | Med-Low | Pink | CFM | 851 | 777 | 675 | 591 | 475 | -- | -- | -- | -- | |
| | | | | Heating Rise (°F) | 36 | 39 | 45 | 51 | NA | NA | NA | NA | NA | |
| | | | | Heating Rise (°C) | 20 | 22 | 25 | 28 | NA | NA | NA | NA | NA | |
| | | Medium ² | Red | CFM | 941 | 851 | 774 | 684 | 576 | 479 | -- | -- | -- | |
| | | | | Heating Rise (°F) | 32 | 36 | 39 | 44 | 52 | NA | NA | NA | NA | |
| | | | | Heating Rise (°C) | 18 | 20 | 22 | 25 | 29 | NA | NA | NA | NA | |
| | | Med-High ¹ | Orange | CFM | 1009 | 917 | 840 | 759 | 667 | 577 | 447 | -- | -- | |
| | | | | Heating Rise (°F) | 30 | 33 | 36 | 40 | 45 | 52 | NA | NA | NA | |
| | | | | Heating Rise (°C) | 17 | 18 | 20 | 22 | 25 | 29 | NA | NA | NA | |
| | | High | Black | CFM | 1241 | 1167 | 1111 | 1036 | 969 | 881 | 818 | 731 | 640 | |
| | | | | Heating Rise (°F) | NA | NA | NA | NA | 31 | 34 | 37 | 41 | 47 | |
| | | | | Heating Rise (°C) | NA | NA | NA | NA | 17 | 19 | 21 | 23 | 26 | |
| 24060 | 25 – 55 (14 – 31) | Low | Blue | CFM | 754 | 650 | 538 | 429 | -- | -- | -- | -- | -- | |
| | | | | Heating Rise (°F) | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| | | | | Heating Rise (°C) | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| | | Med-Low | Pink | CFM | 851 | 777 | 675 | 591 | 475 | -- | -- | -- | -- | |
| | | | | Heating Rise (°F) | 52 | NA | NA | NA | NA | NA | NA | NA | NA | |
| | | | | Heating Rise (°C) | 29 | NA | NA | NA | NA | NA | NA | NA | NA | |
| | | Medium ² | Red | CFM | 941 | 851 | 774 | 684 | 576 | 479 | -- | -- | -- | |
| | | | | Heating Rise (°F) | 47 | 52 | NA | NA | NA | NA | NA | NA | NA | |
| | | | | Heating Rise (°C) | 26 | 29 | NA | NA | NA | NA | NA | NA | NA | |
| | | Med-High | Orange | CFM | 1009 | 917 | 840 | 759 | 667 | 577 | 447 | -- | -- | |
| | | | | Heating Rise (°F) | 44 | 48 | 53 | NA | NA | NA | NA | NA | NA | |
| | | | | Heating Rise (°C) | 24 | 27 | 29 | NA | NA | NA | NA | NA | NA | |
| | | High ¹ | Black | CFM | 1241 | 1167 | 1111 | 1036 | 969 | 881 | 818 | 731 | 640 | |
| | | | | Heating Rise (°F) | 36 | 38 | 40 | 43 | 46 | 50 | 54 | NA | NA | |
| | | | | Heating Rise (°C) | 20 | 21 | 22 | 24 | 25 | 28 | 30 | NA | NA | |
| 30040 | 30 – 60 (17 – 33) | Low | Blue | CFM | 741 | 638 | 547 | 415 | -- | -- | -- | -- | -- | |
| | | | | Heating Rise (°F) | 41 | 47 | 55 | NA | NA | NA | NA | NA | NA | |
| | | | | Heating Rise (°C) | 23 | 26 | 31 | NA | NA | NA | NA | NA | NA | |
| | | Med-Low ¹ | Pink | CFM | 973 | 887 | 823 | 733 | 665 | 538 | 451 | -- | -- | |
| | | | | Heating Rise (°F) | 31 | 34 | 37 | 41 | 45 | 56 | NA | NA | NA | |
| | | | | Heating Rise (°C) | 17 | 19 | 20 | 23 | 25 | 31 | NA | NA | NA | |
| | | Medium | Red | CFM | 1088 | 1023 | 954 | 881 | 800 | 723 | 658 | 563 | 461 | |
| | | | | Heating Rise (°F) | NA | 30 | 32 | 34 | 38 | 42 | 46 | 54 | NA | |
| | | | | Heating Rise (°C) | NA | 16 | 18 | 19 | 21 | 23 | 26 | 30 | NA | |
| | | Med-High ² | Orange | CFM | 1140 | 1064 | 996 | 915 | 840 | 758 | 687 | 564 | 480 | |
| | | | | Heating Rise (°F) | NA | NA | 30 | 33 | 36 | 40 | 44 | 54 | NA | |
| | | | | Heating Rise (°C) | NA | NA | 17 | 18 | 20 | 22 | 24 | 30 | NA | |
| | | High | Black | CFM | 1202 | 1140 | 1082 | 1015 | 961 | 881 | 810 | 732 | 631 | |
| | | | | Heating Rise (°F) | NA | NA | NA | 30 | 31 | 34 | 37 | 41 | 48 | |
| | | | | Heating Rise (°C) | NA | NA | NA | 17 | 17 | 19 | 21 | 23 | 27 | |
| 30060 | 25 – 55 (14 – 31) | Low | Blue | CFM | 741 | 638 | 547 | 415 | -- | -- | -- | -- | -- | |
| | | | | Heating Rise (°F) | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| | | | | Heating Rise (°C) | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| | | Med-Low | Pink | CFM | 973 | 887 | 823 | 733 | 665 | 538 | 451 | -- | -- | |
| | | | | Heating Rise (°F) | 46 | 50 | 54 | NA | NA | NA | NA | NA | NA | |
| | | | | Heating Rise (°C) | 25 | 28 | 30 | NA | NA | NA | NA | NA | NA | |
| | | Medium | Red | CFM | 1088 | 1023 | 954 | 881 | 800 | 723 | 658 | 563 | 461 | |
| | | | | Heating Rise (°F) | 41 | 43 | 47 | 50 | NA | NA | NA | NA | NA | |
| | | | | Heating Rise (°C) | 23 | 24 | 26 | 28 | NA | NA | NA | NA | NA | |
| | | Med-High ² | Orange | CFM | 1140 | 1064 | 996 | 915 | 840 | 758 | 687 | 564 | 480 | |
| | | | | Heating Rise (°F) | 39 | 42 | 45 | 49 | 53 | NA | NA | NA | NA | |
| | | | | Heating Rise (°C) | 22 | 23 | 25 | 27 | 29 | NA | NA | NA | NA | |
| | | High ¹ | Black | CFM | 1202 | 1140 | 1082 | 1015 | 961 | 881 | 810 | 732 | 631 | |
| | | | | Heating Rise (°F) | 37 | 39 | 41 | 44 | 46 | 50 | 55 | NA | NA | |
| | | | | Heating Rise (°C) | 21 | 22 | 23 | 24 | 26 | 28 | 30 | NA | NA | |
| 36060 | 25 – 55 (14 – 31) | Low ¹ | Blue | CFM | 1234 | 1168 | 1093 | 1021 | 961 | 894 | 825 | 759 | 687 | |
| | | | | Heating Rise (°F) | 36 | 38 | 41 | 44 | 46 | 50 | 54 | NA | NA | |
| | | | | Heating Rise (°C) | 20 | 21 | 23 | 24 | 26 | 28 | 30 | NA | NA | |
| | | Med-Low | Pink | CFM | 1290 | 1223 | 1154 | 1090 | 1027 | 977 | 894 | 828 | 762 | |
| | | | | Heating Rise (°F) | 34 | 36 | 39 | 41 | 43 | 45 | 50 | 54 | NA | |
| | | | | Heating Rise (°C) | 19 | 20 | 21 | 23 | 24 | 25 | 28 | 30 | NA | |
| | | Medium ² | Red | CFM | 1354 | 1290 | 1226 | 1158 | 1102 | 1046 | 981 | 918 | 843 | |
| | | | | Heating Rise (°F) | 33 | 34 | 36 | 38 | 40 | 42 | 45 | 48 | 53 | |
| | | | | Heating Rise (°C) | 18 | 19 | 20 | 21 | 22 | 24 | 25 | 27 | 29 | |
| | | Med-High | Orange | CFM | 1606 | 1546 | 1489 | 1430 | 1371 | 1316 | 1258 | 1208 | 1140 | |
| | | | | Heating Rise (°F) | 28 | 29 | 30 | 31 | 32 | 34 | 35 | 37 | 39 | |
| | | | | Heating Rise (°C) | 15 | 16 | 17 | 17 | 18 | 19 | 20 | 20 | 22 | |
| | | High | Black | CFM | 1630 | 1580 | 1517 | 1463 | 1407 | 1339 | 1277 | 1210 | 1131 | |
| | | | | Heating Rise (°F) | 27 | 28 | 29 | 30 | 32 | 33 | 35 | 37 | 39 | |
| | | | | Heating Rise (°C) | 15 | 16 | 16 | 17 | 18 | 18 | 19 | 20 | 22 | |

See Legend and Notes following tables.

UNIT AIRFLOW, Horizontal and Downflow Discharge, 230 Volts, Dry Coil

| Unit PG(D,S)3 | Heating Rise Range °F (°C) | Motor Speed | Wire Color | | External Static Pressure (in wc) | | | | | | | | |
|------------------|-------------------------------------|-------------------------|---------------|-------------------|----------------------------------|------|------|------|------|------|------|------|------|
| | | | | | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 |
| 36090 | 35 – 65 (19 – 36) | Low | Blue | CFM | 1234 | 1168 | 1093 | 1021 | 961 | 894 | 825 | 759 | 687 |
| | | | | Heating Rise (°F) | 55 | 58 | 62 | NA | NA | NA | NA | NA | NA |
| | | | | Heating Rise (°C) | 31 | 32 | 35 | NA | NA | NA | NA | NA | NA |
| | | Med – Low | Pink | CFM | 1290 | 1223 | 1154 | 1090 | 1027 | 977 | 894 | 828 | 762 |
| | | | | Heating Rise (°F) | 53 | 56 | 59 | 62 | NA | NA | NA | NA | NA |
| | | | | Heating Rise (°C) | 29 | 31 | 33 | 35 | NA | NA | NA | NA | NA |
| | | Medium ² | Red | CFM | 1354 | 1290 | 1226 | 1158 | 1102 | 1046 | 981 | 918 | 843 |
| | | | | Heating Rise (°F) | 50 | 53 | 55 | 59 | 62 | 65 | NA | NA | NA |
| | | | | Heating Rise (°C) | 28 | 29 | 31 | 33 | 34 | 36 | NA | NA | NA |
| | | Med – High | Orange | CFM | 1606 | 1546 | 1489 | 1430 | 1371 | 1316 | 1258 | 1208 | 1140 |
| | | | | Heating Rise (°F) | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 60 |
| | | | | Heating Rise (°C) | 24 | 24 | 25 | 26 | 28 | 29 | 30 | 31 | 33 |
| | | High ¹ | Black | CFM | 1630 | 1580 | 1517 | 1463 | 1407 | 1339 | 1277 | 1210 | 1131 |
| | | | | Heating Rise (°F) | 42 | 43 | 45 | 46 | 48 | 51 | 53 | 56 | 60 |
| | | | | Heating Rise (°C) | 23 | 24 | 25 | 26 | 27 | 28 | 30 | 31 | 33 |
| 42060 | 25 – 55 (14 – 31) | Low ¹ | Blue | CFM | 1295 | 1234 | 1182 | 1126 | 1075 | 1016 | 955 | 898 | 857 |
| | | | | Heating Rise (°F) | 34 | 36 | 38 | 39 | 41 | 44 | 47 | 49 | 52 |
| | | | | Heating Rise (°C) | 19 | 20 | 21 | 22 | 23 | 24 | 26 | 27 | 29 |
| | | Med – Low | Pink | CFM | 1345 | 1282 | 1235 | 1194 | 1140 | 1095 | 1027 | 974 | 921 |
| | | | | Heating Rise (°F) | 33 | 35 | 36 | 37 | 39 | 41 | 43 | 46 | 48 |
| | | | | Heating Rise (°C) | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 27 |
| | | Medium | Red | CFM | 1505 | 1452 | 1413 | 1358 | 1323 | 1282 | 1234 | 1169 | 1130 |
| | | | | Heating Rise (°F) | 30 | 31 | 31 | 33 | 34 | 35 | 36 | 38 | 39 |
| | | | | Heating Rise (°C) | 16 | 17 | 17 | 18 | 19 | 19 | 20 | 21 | 22 |
| | | Med – High ² | Orange | CFM | 1545 | 1492 | 1449 | 1411 | 1362 | 1313 | 1278 | 1231 | 1188 |
| | | | | Heating Rise (°F) | 29 | 30 | 31 | 31 | 33 | 34 | 35 | 36 | 37 |
| | | | | Heating Rise (°C) | 16 | 17 | 17 | 17 | 18 | 19 | 19 | 20 | 21 |
| | | High | Black | CFM | 1705 | 1643 | 1607 | 1568 | 1518 | 1483 | 1448 | 1404 | 1360 |
| | | | | Heating Rise (°F) | 26 | 27 | 28 | 28 | 29 | 30 | 31 | 32 | 33 |
| | | | | Heating Rise (°C) | 14 | 15 | 15 | 16 | 16 | 17 | 17 | 18 | 18 |
| 42090 | 35 – 65 (19 – 36) | Low | Blue | CFM | 1295 | 1234 | 1182 | 1126 | 1075 | 1016 | 955 | 898 | 857 |
| | | | | Heating Rise (°F) | 53 | 55 | 58 | 60 | 63 | NA | NA | NA | NA |
| | | | | Heating Rise (°C) | 29 | 31 | 32 | 34 | 35 | NA | NA | NA | NA |
| | | Med – Low | Pink | CFM | 1345 | 1282 | 1235 | 1194 | 1140 | 1095 | 1027 | 974 | 921 |
| | | | | Heating Rise (°F) | 51 | 53 | 55 | 57 | 60 | 62 | NA | NA | NA |
| | | | | Heating Rise (°C) | 28 | 29 | 31 | 32 | 33 | 35 | NA | NA | NA |
| | | Medium ¹ | Red | CFM | 1505 | 1452 | 1413 | 1358 | 1323 | 1282 | 1234 | 1169 | 1130 |
| | | | | Heating Rise (°F) | 45 | 47 | 48 | 50 | 51 | 53 | 55 | 58 | 60 |
| | | | | Heating Rise (°C) | 25 | 26 | 27 | 28 | 29 | 29 | 31 | 32 | 33 |
| | | Med – High ² | Orange | CFM | 1545 | 1492 | 1449 | 1411 | 1362 | 1313 | 1278 | 1231 | 1188 |
| | | | | Heating Rise (°F) | 44 | 46 | 47 | 48 | 50 | 52 | 53 | 55 | 57 |
| | | | | Heating Rise (°C) | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
| | | High | Black | CFM | 1705 | 1643 | 1607 | 1568 | 1518 | 1483 | 1448 | 1404 | 1360 |
| | | | | Heating Rise (°F) | 40 | 41 | 42 | 43 | 45 | 46 | 47 | 48 | 50 |
| | | | | Heating Rise (°C) | 22 | 23 | 24 | 24 | 25 | 25 | 26 | 27 | 28 |
| 48090 | 35 – 65 (19 – 36) | Low ¹ | Blue | CFM | 1402 | 1351 | 1311 | 1263 | 1224 | 1172 | 1136 | 1080 | 1041 |
| | | | | Heating Rise (°F) | 49 | 50 | 52 | 54 | 56 | 58 | 60 | 63 | 65 |
| | | | | Heating Rise (°C) | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 35 | 36 |
| | | Med – Low | Pink | CFM | 1457 | 1404 | 1367 | 1318 | 1284 | 1233 | 1197 | 1144 | 1104 |
| | | | | Heating Rise (°F) | 47 | 48 | 50 | 52 | 53 | 55 | 57 | 59 | 62 |
| | | | | Heating Rise (°C) | 26 | 27 | 28 | 29 | 29 | 31 | 32 | 33 | 34 |
| | | Medium ² | Red | CFM | 1736 | 1695 | 1642 | 1601 | 1553 | 1512 | 1465 | 1427 | 1381 |
| | | | | Heating Rise (°F) | 39 | 40 | 41 | 42 | 44 | 45 | 46 | 48 | 49 |
| | | | | Heating Rise (°C) | 22 | 22 | 23 | 24 | 24 | 25 | 26 | 26 | 27 |
| | | Med – High | Orange | CFM | 2149 | 2111 | 2062 | 2026 | 1980 | 1945 | 1905 | 1864 | 1793 |
| | | | | Heating Rise (°F) | NA | NA | NA | NA | NA | 35 | 36 | 36 | 38 |
| | | | | Heating Rise (°C) | NA | NA | NA | NA | NA | 19 | 20 | 20 | 21 |
| | | High | Black | CFM | 2344 | 2306 | 2259 | 2203 | 2141 | 2070 | 1991 | 1902 | 1803 |
| | | | | Heating Rise (°F) | NA | NA | NA | NA | NA | NA | NA | 36 | 38 |
| | | | | Heating Rise (°C) | NA | NA | NA | NA | NA | NA | NA | 20 | 21 |

See Legend and Notes following tables.

UNIT AIRFLOW, Horizontal and Downflow Discharge, 230 Volts, Dry Coil

| Unit PG(D,S)3 | Heating Rise Range °F (°C) | Motor Speed | Wire Color | External Static Pressure (in wc) | | | | | | | | | |
|------------------|----------------------------------|-----------------------|---------------|----------------------------------|------|------|------|------|------|------|------|------|------|
| | | | | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | |
| 48115 | 30 – 60 (17 – 33) | Low | Blue | CFM | 1402 | 1351 | 1311 | 1263 | 1224 | 1172 | 1136 | 1080 | 1041 |
| | | | | Heating Rise (°F) | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | | | Heating Rise (°C) | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | Med-Low | Pink | CFM | 1457 | 1404 | 1367 | 1318 | 1284 | 1233 | 1197 | 1144 | 1104 |
| | | | | Heating Rise (°F) | 60 | NA | NA | NA | NA | NA | NA | NA | NA |
| | | | | Heating Rise (°C) | 33 | NA | NA | NA | NA | NA | NA | NA | NA |
| | | Medium ² | Red | CFM | 1736 | 1695 | 1642 | 1601 | 1553 | 1512 | 1465 | 1427 | 1381 |
| | | | | Heating Rise (°F) | 50 | 51 | 53 | 54 | 56 | 57 | 59 | NA | NA |
| | | | | Heating Rise (°C) | 28 | 28 | 29 | 30 | 31 | 32 | 33 | NA | NA |
| | | Med-High ¹ | Orange | CFM | 2149 | 2111 | 2062 | 2026 | 1980 | 1945 | 1905 | 1864 | 1793 |
| | | | | Heating Rise (°F) | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| | | | | Heating Rise (°C) | 22 | 23 | 23 | 24 | 24 | 25 | 25 | 26 | 27 |
| | | High | Black | CFM | 2344 | 2306 | 2259 | 2203 | 2141 | 2070 | 1991 | 1902 | 1803 |
| | | | | Heating Rise (°F) | 37 | 38 | 38 | 39 | 41 | 42 | 44 | 46 | 48 |
| | | | | Heating Rise (°C) | 21 | 21 | 21 | 22 | 23 | 23 | 24 | 25 | 27 |
| 48130 | 35 – 65 (19 – 36) | Low | Blue | CFM | 1402 | 1351 | 1311 | 1263 | 1224 | 1172 | 1136 | 1080 | 1041 |
| | | | | Heating Rise (°F) | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | | | Heating Rise (°C) | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | Med-Low | Pink | CFM | 1457 | 1404 | 1367 | 1318 | 1284 | 1233 | 1197 | 1144 | 1104 |
| | | | | Heating Rise (°F) | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | | | Heating Rise (°C) | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | Medium ² | Red | CFM | 1736 | 1695 | 1642 | 1601 | 1553 | 1512 | 1465 | 1427 | 1381 |
| | | | | Heating Rise (°F) | 55 | 57 | 59 | 60 | 62 | 64 | NA | NA | NA |
| | | | | Heating Rise (°C) | 31 | 32 | 33 | 33 | 34 | 35 | NA | NA | NA |
| | | Med-High ¹ | Orange | CFM | 2149 | 2111 | 2062 | 2026 | 1980 | 1945 | 1905 | 1864 | 1793 |
| | | | | Heating Rise (°F) | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 54 |
| | | | | Heating Rise (°C) | 25 | 25 | 26 | 26 | 27 | 28 | 28 | 29 | 30 |
| | | High | Black | CFM | 2344 | 2306 | 2259 | 2203 | 2141 | 2070 | 1991 | 1902 | 1803 |
| | | | | Heating Rise (°F) | 41 | 42 | 43 | 44 | 45 | 47 | 48 | 51 | 53 |
| | | | | Heating Rise (°C) | 23 | 23 | 24 | 24 | 25 | 26 | 27 | 28 | 30 |
| 60090 | 35 – 65 (19 – 36) | Low ¹ | Blue | CFM | 1445 | 1389 | 1341 | 1281 | 1236 | 1189 | 1139 | 1072 | 1027 |
| | | | | Heating Rise (°F) | 47 | 49 | 51 | 53 | 55 | 57 | 60 | 63 | NA |
| | | | | Heating Rise (°C) | 26 | 27 | 28 | 29 | 31 | 32 | 33 | 35 | NA |
| | | Med-Low | Pink | CFM | 1678 | 1635 | 1602 | 1558 | 1513 | 1474 | 1438 | 1404 | 1349 |
| | | | | Heating Rise (°F) | 41 | 42 | 42 | 44 | 45 | 46 | 47 | 48 | 50 |
| | | | | Heating Rise (°C) | 23 | 23 | 24 | 24 | 25 | 26 | 26 | 27 | 28 |
| | | Medium ² | Red | CFM | 1962 | 1915 | 1880 | 1843 | 1794 | 1753 | 1711 | 1675 | 1628 |
| | | | | Heating Rise (°F) | 35 | 36 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| | | | | Heating Rise (°C) | 19 | 20 | 20 | 20 | 21 | 22 | 22 | 23 | 23 |
| | | Med-High ¹ | Orange | CFM | 2131 | 2088 | 2065 | 2013 | 1982 | 1941 | 1888 | 1860 | 1785 |
| | | | | Heating Rise (°F) | NA | NA | NA | NA | NA | 35 | 36 | 37 | 38 |
| | | | | Heating Rise (°C) | NA | NA | NA | NA | NA | 19 | 20 | 20 | 21 |
| | | High | Black | CFM | 2461 | 2409 | 2339 | 2286 | 2192 | 2140 | 2062 | 1968 | 1874 |
| | | | | Heating Rise (°F) | NA | NA | NA | NA | NA | NA | NA | 35 | 36 |
| | | | | Heating Rise (°C) | NA | NA | NA | NA | NA | NA | NA | 19 | 20 |
| 60115 | 30 – 60 (17 – 33) | Low | Blue | CFM | 1445 | 1389 | 1341 | 1281 | 1236 | 1189 | 1139 | 1072 | 1027 |
| | | | | Heating Rise (°F) | 60 | NA | NA | NA | NA | NA | NA | NA | NA |
| | | | | Heating Rise (°C) | 33 | NA | NA | NA | NA | NA | NA | NA | NA |
| | | Med-Low | Pink | CFM | 1678 | 1635 | 1602 | 1558 | 1513 | 1474 | 1438 | 1404 | 1349 |
| | | | | Heating Rise (°F) | 52 | 53 | 54 | 56 | 57 | 59 | 60 | NA | NA |
| | | | | Heating Rise (°C) | 29 | 30 | 30 | 31 | 32 | 33 | 34 | NA | NA |
| | | Medium ² | Red | CFM | 1962 | 1915 | 1880 | 1843 | 1794 | 1753 | 1711 | 1675 | 1628 |
| | | | | Heating Rise (°F) | 44 | 45 | 46 | 47 | 48 | 50 | 51 | 52 | 53 |
| | | | | Heating Rise (°C) | 25 | 25 | 26 | 26 | 27 | 28 | 28 | 29 | 30 |
| | | Med-High ¹ | Orange | CFM | 2131 | 2088 | 2065 | 2013 | 1982 | 1941 | 1888 | 1860 | 1785 |
| | | | | Heating Rise (°F) | 41 | 42 | 42 | 43 | 44 | 45 | 46 | 47 | 49 |
| | | | | Heating Rise (°C) | 23 | 23 | 23 | 24 | 24 | 25 | 26 | 26 | 27 |
| | | High | Black | CFM | 2461 | 2409 | 2339 | 2286 | 2192 | 2140 | 2062 | 1968 | 1874 |
| | | | | Heating Rise (°F) | 35 | 36 | 37 | 38 | 40 | 41 | 42 | 44 | 46 |
| | | | | Heating Rise (°C) | 20 | 20 | 21 | 21 | 22 | 23 | 23 | 25 | 26 |
| 60130 | 35 – 65 (19 – 36) | Low | Blue | CFM | 1445 | 1389 | 1341 | 1281 | 1236 | 1189 | 1139 | 1072 | 1027 |
| | | | | Heating Rise (°F) | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | | | Heating Rise (°C) | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | Med-Low | Pink | CFM | 1678 | 1635 | 1602 | 1558 | 1513 | 1474 | 1438 | 1404 | 1349 |
| | | | | Heating Rise (°F) | 57 | 59 | 60 | 62 | 64 | 65 | NA | NA | NA |
| | | | | Heating Rise (°C) | 32 | 33 | 33 | 34 | 35 | 36 | NA | NA | NA |
| | | Medium ² | Red | CFM | 1962 | 1915 | 1880 | 1843 | 1794 | 1753 | 1711 | 1675 | 1628 |
| | | | | Heating Rise (°F) | 49 | 50 | 51 | 52 | 54 | 55 | 56 | 57 | 59 |
| | | | | Heating Rise (°C) | 27 | 28 | 28 | 29 | 30 | 31 | 31 | 32 | 33 |
| | | Med-High ¹ | Orange | CFM | 2131 | 2088 | 2065 | 2013 | 1982 | 1941 | 1888 | 1860 | 1785 |
| | | | | Heating Rise (°F) | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 54 |
| | | | | Heating Rise (°C) | 25 | 26 | 26 | 27 | 27 | 28 | 28 | 29 | 30 |
| | | High | Black | CFM | 2461 | 2409 | 2339 | 2286 | 2192 | 2140 | 2062 | 1968 | 1874 |
| | | | | Heating Rise (°F) | 39 | 40 | 41 | 42 | 44 | 45 | 47 | 49 | 51 |
| | | | | Heating Rise (°C) | 22 | 22 | 23 | 23 | 24 | 25 | 26 | 27 | 29 |

*Air delivery values are without air filter and are for dry coil (See Horizontal Wet Coil Pressure Drop table).

¹ Factory-shipped heating speed

² Factory-shipped cooling speed

"NA" = Not allowed for heating speed

Note: For horizontal applications deduct field-supplied air filter pressure drop and wet coil pressure drop to obtain external static pressure available for ducting.

For downflow applications see Wet Coil Air Delivery Table for available static including wet coil, 1 – in. (25 mm) filter and economizer.

Shaded areas indicate speed/static combinations that are not permitted for dehumidification speed.

HORIZONTAL WET COIL PRESSURE DROP (in wc)

| UNIT SIZE | STANDARD CFM (S.C.F.M) | | | | | | | | | | | | | | |
|-----------|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 |
| 24 | 0.030 | 0.037 | 0.044 | 0.053 | 0.063 | - | - | - | - | - | - | - | - | - | - |
| 30 | - | 0.037 | 0.044 | 0.053 | 0.063 | 0.072 | 0.081 | 0.105 | - | - | - | - | - | - | - |
| 36 | - | - | - | 0.055 | 0.060 | 0.090 | 0.100 | 0.110 | 0.140 | - | - | - | - | - | - |
| 42 | - | - | - | - | 0.045 | 0.050 | 0.060 | 0.065 | 0.075 | 0.080 | 0.090 | 0.094 | 0.110 | - | - |
| 48 | - | - | - | - | - | - | 0.041 | 0.063 | 0.085 | 0.100 | 0.104 | 0.110 | 0.120 | 0.130 | - |
| 60 | - | - | - | - | - | - | - | - | - | 0.060 | 0.065 | 0.072 | 0.077 | 0.085 | 0.100 |

DOWNFLOW WET COIL PRESSURE DROP (in wc) – HIGH SPEED with 1 inch (25mm) Filter and Economizer

| UNIT SIZE | EXTERNAL STATIC PRESSURE (in. W.C.) | | | | | | | | | |
|-----------|-------------------------------------|------|------|------|------|------|------|------|------|------|
| | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| 36 | 1333 | 1289 | 1256 | 1214 | 1152 | 1118 | 1076 | 1035 | 997 | 950 |
| 42 | 1612 | 1569 | 1527 | 1481 | 1451 | 1393 | 1351 | 1317 | 1278 | 1242 |
| 48 | 2166 | 2085 | 2002 | 1919 | 1798 | 1709 | 1582 | 1467 | 1270 | 988 |
| 60 | 2298 | 2239 | 2180 | 2110 | 2044 | 1951 | 1862 | 1777 | 1697 | 1591 |

HORIZONTAL FILTER PRESSURE DROP (in wc)

| FILTER SIZE in. (mm) | CFM | | | | | | | | | | | | | | | | | | |
|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 |
| 20X20X1 (508X508X25) | 0.05 | 0.07 | 0.08 | 0.1 | 0.12 | 0.13 | 0.14 | 0.15 | - | - | - | - | - | - | - | - | - | - | - |
| 20X24X1 (508X610X25) | - | - | - | - | 0.09 | 0.10 | 0.11 | 0.13 | 0.14 | 0.15 | 0.16 | - | - | - | - | - | - | - | - |
| 24X30X1 (610X762X25) | - | - | - | 0.04 | 0.05 | 0.06 | 0.07 | 0.07 | 0.08 | 0.09 | 0.1 | - | - | - | - | - | - | - | - |
| 24X36X1 (610X914X25) | - | - | - | - | - | - | - | 0.06 | 0.07 | 0.07 | 0.08 | 0.09 | 0.09 | 0.10 | 0.11 | 0.12 | 0.13 | 0.14 | 0.14 |

HORIZONTAL ECONOMIZER 1 inch (25mm) FILTER PRESSURE DROP (in wc)

| UNIT PG(D,S)3 | PRESSURE DROP |
|---------------|---------------|
| 24-36 | 0.20 |
| 42-60 | 0.25 |

NATURAL GAS ORIFICE SIZES AND MANIFOLD PRESSURE

| Nameplate Input (Btu/hr) | | ALTITUDE OF INSTALLATION (FT. ABOVE SEA LEVEL) U.S.A.* | | | | |
|-----------------------------|-------------------|--|---------------------------------|---------------------------------|----------------------------------|----------------------------------|
| | | 0 to 2000 (0-610 m) | 2001 to 3000* (611 to 914 m) | 3001 to 4000 (915 to 1219 m) | 4001 to 5000 (1220 to 1524 m) | 5001 to 6000 (1524 to 1829 m) |
| 40000 | Orifice No. (Qty) | 44 (2) | 45 (2)† | 48 (2)† | 48 (2)† | 48 (2)† |
| | Manifold Press. | 3.2 | 3.2 | 3.8 | 3.5 | 3.2 |
| 60000 | Orifice No. (Qty) | 38 (2) | 41 (2)† | 41 (2)† | 42 (2)† | 42 (2)† |
| | Manifold Press. | 3.6 | 3.8 | 3.4 | 3.4 | 3.2 |
| 90000 | Orifice No. (Qty) | 38 (3) | 41 (3)† | 41 (3)† | 42 (3)† | 42 (3)† |
| | Manifold Press. | 3.6 | 3.8 | 3.4 | 3.4 | 3.2 |
| 115000 | Orifice No. (Qty) | 33 (3) | 36 (3)† | 36 (3)† | 36 (3)† | 38 (3)† |
| | Manifold Press. | 3.8 | 3.8 | 3.6 | 3.3 | 3.6 |
| 130000 | Orifice No. (Qty) | 31 (3) | 31 (3) | 33 (3)† | 33 (3)† | 34 (3)† |
| | Manifold Press. | 3.8 | 3.2 | 3.7 | 3.4 | 3.3 |

*In the U.S.A., the input rating for altitudes above 2000 ft (610m) must be reduced by 4% for each 1000 ft (305 m) above Sea level.

In Canada, the input rating for altitudes from 2001 to 4500 ft (611 to 1372 m) above sea level must be derated by 10% by an authorized gas conversion station or dealer.

For Canadian Installations from 2000 to 4500 ft, use U.S.A. column 2001 to 3000 ft.

Note: Orifice sizes and manifold pressure settings are based on natural gas with a heating value of 1025 Btu/ft3 and a specific gravity of .6.

† Orifices available through your distributor.

PROPANE GAS ORIFICE SIZES AND MANIFOLD PRESSURE

| Nameplate Input (Btu/hr) | | ALTITUDE OF INSTALLATION (FT. ABOVE SEA LEVEL) U.S.A.* | | | | |
|--------------------------|-----------------------|--|---------------------------------|---------------------------------|----------------------------------|----------------------------------|
| | | 0 to 2000 (0-610 m) | 2001 to 3000* (611 to 914 m) | 3001 to 4000 (915 to 1219 m) | 4001 to 5000 (1220 to 1524 m) | 5001 to 6000 (1524 to 1829 m) |
| 40000 | Orifice No. (Qty) | 55 (2) | 56 (2) | 56 (2) | 56 (2) | 56 (2) |
| | Manifold Press. ("WC) | 10.0 | 11.0 | 11.0 | 11.0 | 10.7 |
| 60000 | Orifice No. (Qty) | 53 (2) | 54 (2) | 54 (2) | 54 (2) | 54 (2) |
| | Manifold Press. ("WC) | 10.0 | 11.0 | 11.0 | 11.0 | 11.0 |
| 90000 | Orifice No. (Qty) | 53 (3) | 54 (3) | 54 (3) | 54 (3) | 54 (3) |
| | Manifold Press. ("WC) | 10.0 | 11.0 | 11.0 | 11.0 | 11.0 |
| 115000 | Orifice No. (Qty) | 51 (3) | 52 (3) | 52 (3) | 53 (3) | 53 (3) |
| | Manifold Press. ("WC) | 10.0 | 11.0 | 10.6 | 11.0 | 11.0 |
| 130000 | Orifice No. (Qty) | 49 (3) | 50 (3) | 51 (3) | 52 (3) | 52 (3) |
| | Manifold Press. ("WC) | 10.0 | 11.0 | 11.0 | 11.0 | 11.0 |

*In the U.S.A., the input rating for altitudes above 2000 ft (610m) must be reduced by 4% for each 1000 ft (305 m) above Sea level.

In Canada, the input rating for altitudes from 2001 to 4500 ft (611 to 1372 m) above sea level must be derated by 10% by an authorized gas conversion station or dealer.

For Canadian Installations from 2000 to 4500 ft, use U.S.A. column 2001 to 3000 ft.

†Use Kit No. NPLPCONV013A00 (0-2000 ft [0-610 m] above sea level). Use Kit No. NPLPCONV014A00 (2001-6000 ft [611-1829 m] above sea level).

HIGH ALTITUDE COMPENSATION, NATURAL GAS

| Nameplate Input (Btu/hr) | Rated Heating Input (Btu/hr), Natural Gas at Installation Altitude Above Sea Level, U.S.A.* | | | | |
|--------------------------|---|---------------------------------|---------------------------------|----------------------------------|----------------------------------|
| | 0 to 2000 ft (0–610 m) | 2001 to 3000 ft* (611 to 914 m) | 3001 to 4000 ft (915 to 1219 m) | 4001 to 5000 ft (1220 to 1524 m) | 5001 to 6000 ft (1524 to 1829 m) |
| 40000 | 40000 | 36000 | 34400 | 32800 | 31200 |
| 60000 | 60000 | 54000 | 51600 | 49200 | 46800 |
| 90000 | 90000 | 81000 | 77400 | 73800 | 70200 |
| 115000 | 115000 | 103500 | 98900 | 94300 | 89700 |
| 130000 | 130000 | 117000 | 111800 | 106600 | 101400 |

*In the U.S.A., the input rating for altitudes above 2000 ft (610m) must be reduced by 4% for each 1000 ft (305 m) above Sea level.

In Canada, the input rating for altitudes from 2001 to 4500 ft (611 to 1372 m) above sea level must be derated by 10% by an authorized gas conversion station or dealer.

For Canadian Installations from 2000 to 4500 ft (610–1372 m), use U.S.A. column 2001 to 3000 ft (611 to 914 m).

HIGH ALTITUDE COMPENSATION, PROPANE GAS

| Nameplate Input (Btu/hr) | Rated Heating Input (Btu/hr), LP Gas at Installation Altitude Above Sea Level, U.S.A.* | | | | |
|--------------------------|--|---------------------------------|---------------------------------|----------------------------------|----------------------------------|
| | 0 to 2000 ft (0–610 m) | 2001 to 3000 ft* (611 to 914 m) | 3001 to 4000 ft (915 to 1219 m) | 4001 to 5000 ft (1220 to 1524 m) | 5001 to 6000 ft (1524 to 1829 m) |
| 40000 | 38000 | 31700 | 31700 | 31700 | 31200 |
| 60000 | 53000 | 45900 | 45900 | 45800 | 45800 |
| 90000 | 79000 | 68900 | 68900 | 68600 | 68600 |
| 115000 | 103000 | 100400 | 98900 | 83000 | 83000 |
| 130000 | 116000 | 115500 | 111800 | 101300 | 100400 |

*In the U.S.A., the input rating for altitudes above 2000 ft (610m) must be reduced by 4% for each 1000 ft (305 m) above Sea level.

In Canada, the input rating for altitudes from 2001 to 4500 ft (611 to 1372 m) above sea level must be derated by 10% by an authorized gas conversion station or dealer.

For Canadian Installations from 2000 to 4500 ft (610–1372 m), use U.S.A. column 2001 to 3000 ft (611 to 914 m).

A-WEIGHTED SOUND POWER LEVEL (dBA)

| UNIT PG(D,S)3 | STANDARD RATING dBA | TYPICAL OCTAVE BAND SPECTRUM (dBA without tone adjustment) | | | | | | |
|---------------|---------------------|--|------|------|------|------|------|------|
| | | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| 24 | 76 | 66.0 | 66.0 | 70.5 | 71.5 | 67.5 | 62.5 | 58.5 |
| 30 | 75 | 66.0 | 63.5 | 68.0 | 68.5 | 67.5 | 61.5 | 55.0 |
| 36 | 75 | 64.0 | 63.5 | 68.0 | 70.5 | 64.5 | 61.0 | 61.0 |
| 42 | 77 | 67.0 | 67.0 | 69.5 | 70.5 | 68.0 | 65.5 | 61.0 |
| 48 | 78 | 71.5 | 66.5 | 73.0 | 71.5 | 68.0 | 64.0 | 57.0 |
| 60 | 78 | 74.5 | 66.5 | 70.0 | 70.0 | 66.5 | 64.0 | 57.0 |

* Tested in accordance with ARI Standard 270 (not listed in ARI).

PG(D,S)324 EXTENDED COOLING PERFORMANCE

| EVAPORATOR AIR | | CONDENSER ENTERING AIR TEMPERATURES deg F | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------------|---|-------|-----------------|-------|----------------|------|-----------------|-------|----------------|-------|-----------------|------|----------------|-------|-----------------|-------|----------------|------|-----------------|-------|----------------|-------|-----------------|--|
| | | 75 (23.8°C) | | | | 85 (29.4°C) | | | | 95 (35°C) | | | | 105 (40.5°C) | | | | 115 (46.1°C) | | | | 125 (51.6°C) | | | |
| | | Capacity MBtuh | | Total System KW | | Capacity MBtuh | | Total System KW | | Capacity MBtuh | | Total System KW | | Capacity MBtuh | | Total System KW | | Capacity MBtuh | | Total System KW | | Capacity MBtuh | | Total System KW | |
| CFM/BF | EWB | Total | Sens | Total | Sens | Total | Sens | Total | Sens | Total | Sens | Total | Sens | Total | Sens | Total | Sens | Total | Sens | Total | Sens | Total | Sens | | |
| 7000/0.07 | 57 (13.8) | 22.74 | 22.74 | 1.66 | 21.26 | 21.26 | 1.85 | 19.77 | 19.77 | 2.06 | 18.28 | 18.28 | 2.29 | 16.77 | 16.77 | 2.54 | 15.24 | 15.24 | 2.80 | 13.73 | 13.73 | 3.07 | 12.22 | 12.22 | |
| | 62 (16.6) | 23.94 | 20.55 | 1.66 | 22.18 | 19.57 | 1.86 | 20.42 | 18.59 | 2.07 | 18.67 | 17.59 | 2.30 | 16.93 | 16.57 | 2.54 | 15.24 | 15.24 | 2.80 | 13.73 | 13.73 | 3.07 | 12.22 | 12.22 | |
| | 63* (17.2) | 24.48 | 17.00 | 1.67 | 22.68 | 16.12 | 1.86 | 20.88 | 15.23 | 2.07 | 19.08 | 14.35 | 2.30 | 17.27 | 13.46 | 2.54 | 15.45 | 15.45 | 2.81 | 13.97 | 13.97 | 3.07 | 12.56 | 12.56 | |
| | 67 (19.4) | 26.34 | 17.55 | 1.67 | 24.42 | 16.65 | 1.86 | 22.49 | 15.76 | 2.08 | 20.57 | 14.86 | 2.31 | 20.56 | 13.97 | 2.55 | 16.70 | 16.70 | 2.82 | 14.86 | 14.86 | 3.07 | 13.07 | 13.07 | |
| | 72 (22.2) | 28.95 | 14.51 | 1.67 | 26.85 | 13.70 | 1.87 | 24.76 | 12.88 | 2.08 | 22.66 | 12.07 | 2.31 | 20.56 | 11.25 | 2.56 | 18.45 | 18.45 | 2.83 | 15.85 | 15.85 | 3.07 | 14.33 | 14.33 | |
| 8000/0.09 | 57 (13.8) | 23.78 | 23.78 | 1.68 | 22.21 | 22.21 | 1.87 | 20.64 | 19.06 | 2.08 | 19.06 | 19.06 | 2.31 | 17.46 | 17.46 | 2.58 | 15.85 | 15.85 | 2.82 | 14.33 | 14.33 | 3.07 | 13.07 | 13.07 | |
| | 62 (16.6) | 24.57 | 22.03 | 1.68 | 22.75 | 20.99 | 1.87 | 20.94 | 19.83 | 2.08 | 19.15 | 18.83 | 2.31 | 17.46 | 17.46 | 2.58 | 15.85 | 15.85 | 2.82 | 14.33 | 14.33 | 3.07 | 13.07 | 13.07 | |
| | 63* (17.2) | 25.10 | 18.06 | 1.68 | 23.23 | 17.14 | 1.88 | 21.36 | 16.21 | 2.09 | 19.49 | 15.29 | 2.32 | 17.62 | 14.37 | 2.56 | 15.74 | 15.74 | 2.82 | 14.33 | 14.33 | 3.07 | 13.44 | 13.44 | |
| | 67 (19.4) | 27.00 | 18.66 | 1.69 | 25.00 | 17.73 | 1.88 | 23.00 | 16.80 | 2.09 | 21.01 | 15.87 | 2.32 | 19.01 | 14.94 | 2.57 | 17.00 | 17.00 | 2.83 | 14.00 | 14.00 | 3.07 | 13.44 | 13.44 | |
| | 72 (22.2) | 29.65 | 15.23 | 1.69 | 27.48 | 14.39 | 1.89 | 25.30 | 13.54 | 2.10 | 23.13 | 12.71 | 2.33 | 20.96 | 11.86 | 2.58 | 18.77 | 18.77 | 2.84 | 16.36 | 16.36 | 3.07 | 15.01 | 15.01 | |
| 9000/0.1 | 57 (13.8) | 24.67 | 24.67 | 1.70 | 23.02 | 23.02 | 1.89 | 21.37 | 19.71 | 2.10 | 19.71 | 19.71 | 2.33 | 18.05 | 18.05 | 2.58 | 16.36 | 16.36 | 2.84 | 15.01 | 15.01 | 3.07 | 14.27 | 14.27 | |
| | 62 (16.6) | 25.09 | 23.40 | 1.70 | 23.23 | 22.27 | 1.89 | 21.39 | 19.71 | 2.10 | 19.71 | 19.71 | 2.33 | 18.05 | 18.05 | 2.58 | 16.36 | 16.36 | 2.84 | 15.01 | 15.01 | 3.07 | 14.27 | 14.27 | |
| | 63* (17.2) | 25.60 | 19.06 | 1.70 | 23.66 | 18.11 | 1.89 | 21.74 | 17.15 | 2.10 | 19.81 | 16.20 | 2.33 | 17.89 | 15.24 | 2.58 | 15.96 | 15.96 | 2.84 | 14.27 | 14.27 | 3.07 | 13.89 | 13.89 | |
| | 67 (19.4) | 27.82 | 19.73 | 1.70 | 25.45 | 18.76 | 1.90 | 23.40 | 17.80 | 2.11 | 21.34 | 16.83 | 2.34 | 19.29 | 15.87 | 2.59 | 17.23 | 17.23 | 2.85 | 14.89 | 14.89 | 3.07 | 14.89 | 14.89 | |
| | 72 (22.2) | 30.21 | 15.91 | 1.71 | 27.97 | 15.04 | 1.90 | 25.72 | 14.18 | 2.11 | 23.50 | 13.31 | 2.35 | 21.26 | 12.45 | 2.60 | 19.02 | 19.02 | 2.86 | 11.58 | 11.58 | 3.07 | 11.58 | 11.58 | |

PG(D,S)330 EXTENDED COOLING PERFORMANCE

| EVAPORATOR AIR | | CONDENSER ENTERING AIR TEMPERATURES deg F | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------------|---|-------|-----------------|-------|----------------|------|-----------------|-------|----------------|-------|-----------------|------|----------------|-------|-----------------|-------|----------------|------|-----------------|-------|----------------|-------|-----------------|--|
| | | 75 (23.8°C) | | | | 85 (29.4°C) | | | | 95 (35°C) | | | | 105 (40.5°C) | | | | 115 (46.1°C) | | | | 125 (51.6°C) | | | |
| | | Capacity MBtuh | | Total System KW | | Capacity MBtuh | | Total System KW | | Capacity MBtuh | | Total System KW | | Capacity MBtuh | | Total System KW | | Capacity MBtuh | | Total System KW | | Capacity MBtuh | | Total System KW | |
| CFM/BF | EWB | Total | Sens | Total | Sens | Total | Sens | Total | Sens | Total | Sens | Total | Sens | Total | Sens | Total | Sens | Total | Sens | Total | Sens | Total | Sens | | |
| 8750/0.03 | 57 (13.8) | 29.20 | 29.20 | 2.09 | 27.20 | 27.20 | 2.30 | 25.19 | 25.19 | 2.52 | 23.18 | 23.18 | 2.77 | 21.16 | 21.16 | 3.04 | 19.13 | 19.13 | 3.32 | 17.13 | 17.13 | 3.60 | 15.10 | 15.10 | |
| | 62 (16.6) | 30.09 | 26.44 | 2.09 | 27.76 | 25.28 | 2.30 | 25.48 | 24.10 | 2.52 | 23.22 | 23.12 | 2.77 | 21.16 | 21.16 | 3.04 | 19.12 | 19.12 | 3.32 | 17.13 | 17.13 | 3.60 | 15.10 | 15.10 | |
| | 63* (17.2) | 30.75 | 21.65 | 2.09 | 28.36 | 20.61 | 2.30 | 25.99 | 19.56 | 2.52 | 23.63 | 18.51 | 2.77 | 21.26 | 17.45 | 3.04 | 18.90 | 18.90 | 3.32 | 17.08 | 17.08 | 3.60 | 15.08 | 15.08 | |
| | 67 (19.4) | 33.12 | 22.39 | 2.08 | 30.58 | 21.34 | 2.29 | 28.05 | 20.29 | 2.52 | 25.52 | 19.23 | 2.77 | 23.00 | 18.16 | 3.04 | 20.48 | 20.48 | 3.32 | 17.08 | 17.08 | 3.60 | 15.08 | 15.08 | |
| | 72 (22.2) | 36.50 | 18.28 | 2.08 | 33.73 | 17.33 | 2.29 | 30.97 | 16.37 | 2.52 | 28.22 | 15.41 | 2.77 | 25.48 | 14.44 | 3.04 | 22.73 | 22.73 | 3.32 | 17.08 | 17.08 | 3.60 | 15.08 | 15.08 | |
| 10000/0.03 | 57 (13.8) | 30.51 | 30.51 | 2.12 | 28.39 | 28.39 | 2.33 | 26.27 | 26.27 | 2.56 | 24.14 | 24.14 | 2.80 | 22.01 | 22.01 | 3.07 | 19.87 | 19.87 | 3.35 | 17.86 | 17.86 | 3.63 | 15.86 | 15.86 | |
| | 62 (16.6) | 30.85 | 28.45 | 2.12 | 28.49 | 28.24 | 2.33 | 26.26 | 26.26 | 2.56 | 24.14 | 24.14 | 2.80 | 22.01 | 22.01 | 3.07 | 19.86 | 19.86 | 3.35 | 17.86 | 17.86 | 3.63 | 15.86 | 15.86 | |
| | 63* (17.2) | 31.44 | 23.11 | 2.12 | 28.97 | 22.02 | 2.33 | 26.51 | 20.93 | 2.56 | 24.07 | 19.84 | 2.81 | 21.63 | 18.73 | 3.07 | 19.21 | 19.21 | 3.35 | 17.86 | 17.86 | 3.63 | 15.86 | 15.86 | |
| | 67 (19.4) | 33.66 | 23.94 | 2.12 | 31.22 | 22.85 | 2.33 | 28.60 | 21.75 | 2.55 | 25.99 | 20.65 | 2.80 | 23.40 | 19.53 | 3.07 | 20.80 | 20.80 | 3.35 | 18.40 | 18.40 | 3.63 | 16.35 | 16.35 | |
| | 72 (22.2) | 37.30 | 19.27 | 2.11 | 34.43 | 18.29 | 2.32 | 31.58 | 17.30 | 2.55 | 28.74 | 16.31 | 2.80 | 25.91 | 15.31 | 3.07 | 23.07 | 23.07 | 3.35 | 20.48 | 20.48 | 3.63 | 17.86 | 17.86 | |
| 11250/0.04 | 57 (13.8) | 31.61 | 31.61 | 2.15 | 29.39 | 29.39 | 2.36 | 27.17 | 27.17 | 2.59 | 24.95 | 24.95 | 2.84 | 22.72 | 22.72 | 3.10 | 20.48 | 20.48 | 3.39 | 18.75 | 18.75 | 3.69 | 16.35 | 16.35 | |
| | 62 (16.6) | 31.61 | 31.61 | 2.15 | 29.39 | 29.39 | 2.36 | 27.17 | 27.17 | 2.59 | 24.95 | 24.95 | 2.84 | 22.72 | 22.72 | 3.10 | 20.48 | 20.48 | 3.39 | 18.75 | 18.75 | 3.69 | 16.35 | 16.35 | |
| | 63* (17.2) | 31.97 | 24.51 | 2.15 | 29.43 | 23.38 | 2.36 | 26.91 | 22.25 | 2.59 | 24.41 | 21.10 | 2.84 | 21.92 | 19.95 | 3.10 | 19.45 | 19.45 | 3.39 | 18.75 | 18.75 | 3.69 | 16.35 | 16.35 | |
| | 67 (19.4) | 34.42 | 25.44 | 2.15 | 31.71 | 24.30 | 2.36 | 29.02 | 23.16 | 2.59 | 26.35 | 22.01 | 2.84 | 23.69 | 20.84 | 3.10 | 21.05 | 21.05 | 3.39 | 19.65 | 19.65 | 3.69 | 16.35 | 16.35 | |
| | 72 (22.2) | 37.91 | 20.22 | 2.14 | 34.96 | 19.20 | 2.35 | 32.03 | 18.19 | 2.58 | 29.12 | 17.17 | 2.83 | 26.22 | 16.14 | 3.10 | 23.32 | 23.32 | 3.39 | 20.48 | 20.48 | 3.69 | 17.86 | 17.86 | |

See Legend and Notes following tables.

PG(D,S)348 EXTENDED COOLING PERFORMANCE

CONDENSER ENTERING AIR TEMPERATURES deg F

| EVAPORATOR AIR CFM/BF | 75 (23.8°C) | | 85 (29.4°C) | | 95 (35°C) | | 105 (40.5°C) | | 115 (46.1°C) | | 125 (51.6°C) | |
|--------------------------|----------------|-------|-----------------|-------|----------------|-------|-----------------|-------|----------------|-------|-----------------|-------|
| | Capacity MBtuh | | Total System KW | | Capacity MBtuh | | Total System KW | | Capacity MBtuh | | Total System KW | |
| | Total | Sens | Total | Sens | Total | Sens | Total | Sens | Total | Sens | Total | Sens |
| 14000/0.04 | 46.51 | 46.51 | 43.60 | 43.60 | 40.66 | 40.66 | 37.70 | 37.70 | 34.70 | 34.70 | 31.64 | 31.64 |
| 16000/0.05 | 48.43 | 48.43 | 45.02 | 45.02 | 41.60 | 41.60 | 38.19 | 38.19 | 34.81 | 34.81 | 31.64 | 31.64 |
| 18000/0.06 | 49.45 | 49.45 | 45.95 | 45.95 | 42.43 | 42.43 | 38.89 | 38.89 | 35.34 | 35.34 | 31.75 | 31.75 |
| | 53.14 | 53.14 | 49.39 | 49.39 | 45.62 | 45.62 | 41.85 | 41.85 | 38.05 | 38.05 | 34.20 | 34.20 |
| | 58.33 | 58.33 | 54.23 | 54.23 | 50.11 | 50.11 | 46.00 | 46.00 | 41.85 | 41.85 | 37.64 | 37.64 |
| | 48.55 | 48.55 | 45.46 | 45.46 | 42.35 | 42.35 | 39.21 | 39.21 | 36.04 | 36.04 | 32.81 | 32.81 |
| | 44.99 | 44.99 | 43.02 | 43.02 | 40.97 | 40.97 | 39.21 | 39.21 | 36.04 | 36.04 | 32.80 | 32.80 |
| | 50.57 | 50.57 | 46.92 | 46.92 | 43.27 | 43.27 | 39.51 | 39.51 | 35.94 | 35.94 | 32.24 | 32.24 |
| | 37.96 | 37.96 | 34.71 | 34.71 | 31.57 | 31.57 | 28.53 | 28.53 | 25.20 | 25.20 | 22.05 | 22.05 |
| | 59.58 | 59.58 | 55.32 | 55.32 | 51.05 | 51.05 | 46.80 | 46.80 | 42.57 | 42.57 | 38.17 | 38.17 |
| | 50.26 | 50.26 | 47.02 | 47.02 | 43.76 | 43.76 | 40.47 | 40.47 | 37.15 | 37.15 | 33.76 | 33.76 |
| | 47.75 | 47.75 | 44.06 | 44.06 | 40.46 | 40.46 | 37.14 | 37.14 | 33.76 | 33.76 | 30.17 | 30.17 |
| | 38.88 | 38.88 | 37.10 | 37.10 | 35.31 | 35.31 | 33.51 | 33.51 | 31.68 | 31.68 | 29.81 | 29.81 |
| | 55.22 | 55.22 | 51.19 | 51.19 | 47.17 | 47.17 | 43.16 | 43.16 | 39.13 | 39.13 | 35.08 | 35.08 |
| | 60.54 | 60.54 | 56.16 | 56.16 | 51.77 | 51.77 | 47.40 | 47.40 | 43.00 | 43.00 | 38.55 | 38.55 |

PG(D,S)360 EXTENDED COOLING PERFORMANCE

CONDENSER ENTERING AIR TEMPERATURES deg F

| EVAPORATOR AIR CFM/BF | 75 (23.8°C) | | 85 (29.4°C) | | 95 (35°C) | | 105 (40.5°C) | | 115 (46.1°C) | | 125 (51.6°C) | |
|--------------------------|----------------|-------|-----------------|-------|----------------|-------|-----------------|-------|----------------|-------|-----------------|-------|
| | Capacity MBtuh | | Total System KW | | Capacity MBtuh | | Total System KW | | Capacity MBtuh | | Total System KW | |
| | Total | Sens | Total | Sens | Total | Sens | Total | Sens | Total | Sens | Total | Sens |
| 17500/0.02 | 57.89 | 57.89 | 54.53 | 54.53 | 51.13 | 51.13 | 47.68 | 47.68 | 44.15 | 44.15 | 40.50 | 40.50 |
| 20000/0.02 | 59.66 | 59.66 | 55.71 | 55.71 | 51.77 | 51.77 | 47.84 | 47.84 | 44.15 | 44.15 | 40.50 | 40.50 |
| 22500/0.03 | 60.79 | 60.79 | 56.72 | 56.72 | 52.64 | 52.64 | 48.53 | 48.53 | 44.37 | 44.37 | 40.12 | 40.12 |
| | 65.28 | 65.28 | 60.89 | 60.89 | 56.50 | 56.50 | 52.08 | 52.08 | 47.59 | 47.59 | 43.00 | 43.00 |
| | 71.52 | 71.52 | 66.71 | 66.71 | 61.88 | 61.88 | 57.02 | 57.02 | 52.45 | 52.45 | 47.01 | 47.01 |
| | 60.39 | 60.39 | 56.80 | 56.80 | 53.18 | 53.18 | 49.50 | 49.50 | 45.74 | 45.74 | 41.85 | 41.85 |
| | 61.11 | 61.11 | 55.94 | 55.94 | 51.18 | 51.18 | 47.50 | 47.50 | 44.54 | 44.54 | 41.85 | 41.85 |
| | 62.07 | 62.07 | 57.83 | 57.83 | 53.59 | 53.59 | 49.33 | 49.33 | 45.03 | 45.03 | 41.85 | 41.85 |
| | 66.60 | 66.60 | 62.04 | 62.04 | 57.48 | 57.48 | 52.89 | 52.89 | 48.25 | 48.25 | 43.52 | 43.52 |
| | 72.91 | 72.91 | 67.00 | 67.00 | 62.90 | 62.90 | 57.85 | 57.85 | 52.74 | 52.74 | 47.52 | 47.52 |
| | 62.47 | 62.47 | 58.69 | 58.69 | 54.87 | 54.87 | 51.00 | 51.00 | 47.03 | 47.03 | 42.94 | 42.94 |
| | 62.48 | 62.48 | 58.68 | 58.68 | 54.86 | 54.86 | 50.99 | 50.99 | 47.03 | 47.03 | 42.94 | 42.94 |
| | 63.04 | 63.04 | 58.67 | 58.67 | 54.31 | 54.31 | 49.93 | 49.93 | 45.52 | 45.52 | 41.04 | 41.04 |
| | 67.60 | 67.60 | 62.90 | 62.90 | 58.21 | 58.21 | 53.50 | 53.50 | 48.74 | 48.74 | 43.91 | 43.91 |
| | 73.95 | 73.95 | 68.79 | 68.79 | 63.63 | 63.63 | 58.45 | 58.45 | 53.20 | 53.20 | 47.86 | 47.86 |

* 63°F Ewb is at 75°F entering dry bulb — Tennessee Valley Authority [TVA] rating conditions; all others at 80°F entering dry bulb.

LEGEND: BF — Bypass Factor Ewb — Entering Wet Bulb kW — Total Unit Power Input SHC — Sensible Heat Capacity (x1000 Btuh) TC — Total Capacity (x1000 Btuh) (net)

NOTES:

1. Ratings are net; they account for the effects of the evaporator fan motor power and heat.
2. Direct interpolation is permissible. Do not extrapolate.
3. The following formulas may be used:

$$t_{Ldb} = t_{Edb} - \frac{\text{Sensible Capacity (BTU/h)}}{1.10 \times \text{cfm}}$$

$$t_{Lwb} = \text{Wet bulb temperature corresponding to enthalpy of air leaving evaporator coil (} h_{Lwb} \text{)}$$

$$h_{Lwb} = h_{Ewb} - \frac{\text{Total Capacity (BTU/h)}}{4.5 \times \text{cfm}}$$

$$\text{Above } 80^\circ\text{F Edb, add (corr factor x cfm) to SHC. Correction Factor} = 1.10 \times (1 + \text{BF}) \times (\text{Edb} + 80).$$

Where: h_{Ewb} = Enthalpy of air entering evaporator coil

