

### 15 SEER, PACKAGE GAS / ELECTRIC UNIT, 2 to 5 TONS

### 208/230-1-60, Single Phase

#### REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Copper tube/aluminum fin condenser and evaporator coils
- Two stage scroll compressors standard 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

- Hail guard (3/8" spacing) wire grilles standard on PGS models (2" spacing wire grilles on PGD models)
- Induced-draft combustion and venting
- High efficiency ECM blower motor on all models
- Pre-painted steel cabinet
- Direct spark ignition
- Aluminized steel tubular heat exchanger on PGD5 models;  
Stainless Steel tubular heat exchanger on PGS5 models
- Vertical condenser fan discharge
- Full perimeter steel base rails
- High and low pressure switches provide added reliability for the compressor
- PGS5 with tin-coated copper evaporator coil standard

#### WARRANTY\*

- 5 year No Hassle Replacement limited warranty on PGS5 models.
  - 20 year heat exchanger limited warranty on PGD5; Lifetime heat exchanger limited warranty on PGS5 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](http://www.ahridirectory.org).



As an Energy Star® Partner, International Comfort Products has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.



#### UNIT PERFORMANCE DATA

| Model Number   |                                                             | COOLING                             |         |        | HEATING        |                      | Unit Dimensions<br>Height x Width x<br>Depth<br>Inches (mm)                                                         | Operating<br>Weight<br>lbs / kg |
|----------------|-------------------------------------------------------------|-------------------------------------|---------|--------|----------------|----------------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Standard       | Stainless Steel<br>Heat Exch. with<br>Tin-coated Evap. Coil | Net Capacity<br>BTU/h<br>High / Low | S.E.E.R | E.E.R. | Input<br>BTU/h | Efficiency<br>AFUE % |                                                                                                                     |                                 |
| PGD524040K00*C | PGS524040KGP*C                                              | 22,600 / 17,600                     | 15.5    | 11.4   | 40,000         | 80.0                 | 44 <sup>3</sup> / <sub>4</sub> x48 <sup>3</sup> / <sub>16</sub> x32 <sup>5</sup> / <sub>8</sub><br>(1137x1224x829)  | 396 (180)                       |
| PGD524060K00*C | PGS524060KGP*C                                              | 22,600 / 17,600                     | 15.5    | 11.4   | 60,000         | 80.0                 | 44 <sup>3</sup> / <sub>4</sub> x48 <sup>3</sup> / <sub>16</sub> x32 <sup>5</sup> / <sub>8</sub><br>(1137x1224x829)  | 401 (182)                       |
| PGD536060K00*C | PGS536060KGP*C                                              | 34,600 / 24, 400                    | 15.0    | 12.0   | 60,000         | 80.0                 | 48 <sup>3</sup> / <sub>4</sub> x48 <sup>3</sup> / <sub>16</sub> x44 <sup>1</sup> / <sub>8</sub><br>(1238x1224x1121) | 485 (220)                       |
| PGD536090K00*C | PGS536090KGP*C                                              | 34,600 / 24, 400                    | 15.0    | 12.0   | 90,000         | 80.4                 | 48 <sup>3</sup> / <sub>4</sub> x48 <sup>3</sup> / <sub>16</sub> x44 <sup>1</sup> / <sub>8</sub><br>(1238x1224x1121) | 493 (224)                       |
| PGD548090K00*C | PGS548090KGP*C                                              | 46,000 / 33,400                     | 15.0    | 11.0   | 90,000         | 80.4                 | 50 <sup>3</sup> / <sub>4</sub> x48 <sup>3</sup> / <sub>16</sub> x44 <sup>1</sup> / <sub>8</sub><br>(1289x1224x1121) | 521 (236)                       |
| PGD548115K00*C | PGS548115KGP*C                                              | 46,000 / 33,400                     | 15.0    | 11.0   | 115,000        | 80.3                 | 50 <sup>3</sup> / <sub>4</sub> x48 <sup>3</sup> / <sub>16</sub> x44 <sup>1</sup> / <sub>8</sub><br>(1289x1224x1121) | 521 (236)                       |
| PGD548130K00*C | PGS548130KGP*C                                              | 46,000 / 33,400                     | 15.0    | 11.0   | 130,000        | 78.9                 | 50 <sup>3</sup> / <sub>4</sub> x48 <sup>3</sup> / <sub>16</sub> x44 <sup>1</sup> / <sub>8</sub><br>(1289x1224x1121) | 521 (236)                       |
| PGD560090K00*C | PGS560090KGP*C                                              | 57,000 / 40,500                     | 14.5    | 11.0   | 90,000         | 80.4                 | 54 <sup>3</sup> / <sub>4</sub> x48 <sup>3</sup> / <sub>16</sub> x44 <sup>1</sup> / <sub>8</sub><br>(1391x1224x1121) | 512 (260)                       |
| PGD560115K00*C | PGS560115KGP*C                                              | 57,000 / 40,500                     | 14.5    | 11.0   | 115,000        | 80.3                 | 54 <sup>3</sup> / <sub>4</sub> x48 <sup>3</sup> / <sub>16</sub> x44 <sup>1</sup> / <sub>8</sub><br>(1391x1224x1121) | 512 (260)                       |
| PGD560130K00*C | PGS560130KGP*C                                              | 57,000 / 40,500                     | 14.5    | 11.0   | 130,000        | 78.9                 | 54 <sup>3</sup> / <sub>4</sub> x48 <sup>3</sup> / <sub>16</sub> x44 <sup>1</sup> / <sub>8</sub><br>(1391x1224x1121) | 512 (260)                       |

\* 0 = Standard Model, 1 = Low NOx California Model

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

| UNIT SPECIFICATIONS – PGD5, PGS5                   |                  |              |              |              |              |
|----------------------------------------------------|------------------|--------------|--------------|--------------|--------------|
| <b>UNIT SIZE</b>                                   | <b>24040</b>     | <b>24060</b> | <b>36060</b> | <b>36090</b> | <b>48090</b> |
| <b>NOMINAL COOLING CAPACITY (ton)</b>              | 2                | 2            | 3            | 3            | 4            |
| <b>NOMINAL HEATING INPUT (Btu/hr)</b>              | 40,000           | 60,000       | 60,000       | 90,000       | 90,000       |
| <b>OPERATING WEIGHT (lb/kg)</b>                    | 396/179.6        | 401/181.9    | 485/220.0    | 493/223.6    | 521/236.3    |
| <b>COMPRESSOR</b>                                  | Two-Stage Scroll |              |              |              |              |
| <b>REFRIGERANT (R-410A) QUANTITY (lb/kg)</b>       | 10.1/4.6         | 10.1/4.6     | 9.5/4.3      | 9.5/4.3      | 15.3/6.9     |
| <b>REFRIGERANT METERING DEVICE</b>                 | TXV              |              |              |              |              |
| Size                                               | 2 Ton            | 2 Ton        | 3 Ton        | 3 Ton        | 4 Ton        |
| <b>OUTDOOR FAN</b>                                 |                  |              |              |              |              |
| Nominal CFM                                        | 2700             | 2700         | 2800         | 2800         | 3300         |
| Diameter (in./mm)                                  | 22/559           | 22/559       | 22/559       | 22/559       | 22/559       |
| Motor HP (RPM)                                     | 1/8 (825)        | 1/8 (825)    | 1/8 (825)    | 1/8 (825)    | 1/4 (1100)   |
| <b>OUTDOOR COIL</b>                                |                  |              |              |              |              |
| Rows...Fins/in                                     | 2...21           | 2...21       | 2...21       | 2...21       | 2...21       |
| Face Area (sq. ft.)                                | 13.6             | 13.6         | 17.5         | 17.5         | 19.4         |
| <b>INDOOR COIL</b>                                 |                  |              |              |              |              |
| Rows...Fins/in                                     | 3...17           | 3...17       | 3...17       | 3...17       | 3...17       |
| Face Area (sq. ft.)                                | 3.7              | 3.7          | 4.7          | 4.7          | 5.7          |
| <b>INDOOR BLOWER</b>                               |                  |              |              |              |              |
| Nominal Low Stage Airflow (CFM)                    | 600              | 600          | 850          | 850          | 1100         |
| Nominal High Stage Airflow (CFM)                   | 800              | 800          | 1200         | 1200         | 1600         |
| Blower Wheel Size (in. x in.)                      | 10x10            | 10x10        | 11x10        | 11x10        | 11x10        |
| Blower Wheel Size (mm x mm)                        | 254x254          | 254x254      | 279x254      | 279x254      | 279x254      |
| Motor HP (RPM)                                     | 1/2              | 1/2          | 3/4          | 3/4          | 1            |
| <b>FURNACE SECTION</b>                             |                  |              |              |              |              |
| Natural Gas Burner Orifice No. (Qty...Drill Size)* | 2...44           | 2...38       | 2...38       | 3...38       | 3...38       |
| <b>HIGH-PRESSURE SWITCH (psig)</b>                 |                  |              |              |              |              |
| Cutout                                             | 670+/-10         |              |              |              |              |
| Reset (Auto)                                       | 470+/-25         |              |              |              |              |
| <b>HIGH-PRESSURE SWITCH 2 (psig)</b>               |                  |              |              |              |              |
| (Compressor Solenoid)                              |                  |              |              |              |              |
| Cutout                                             | 565+/-15         |              |              |              |              |
| Reset (Auto)                                       | 455+/-15         |              |              |              |              |
| <b>LOSS-OF-CHARGE/LOW-PRESSURE SWITCH</b>          |                  |              |              |              |              |
| (Liquid Line) (psig)                               |                  |              |              |              |              |
| Cutout                                             | 23+/-5           |              |              |              |              |
| Reset (Auto)                                       | 55+/-5           |              |              |              |              |
| <b>RETURN-AIR FILTERS (in.) Throwaway**</b>        | 20x24x1          |              | 24x30x1      |              | 24x36x1      |
| <b>RETURN-AIR FILTERS (mm) Throwaway**</b>         | 508x610x25       |              | 610x762x25   |              | 610x914x25   |

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

\*\* Recommended filter sizes for field-installed air filter grilles mounted on the wall or ceiling of the conditioned structure. Required filter sizes shown are based on the AHRI (Air Conditioning, Heating, and Refrigeration Institute) rated high stage cooling airflow and a maximum face velocity of 300 ft/minute for throwaway filters or 450 ft/minute for permanent filters. Air filter pressure drop for non-standard filters must not exceed .08 inches water column.

| UNIT SPECIFICATIONS – PGD5, PGS5                   |                  |            |            |            |            |
|----------------------------------------------------|------------------|------------|------------|------------|------------|
| UNIT SIZE                                          | 48115            | 48130      | 60090      | 60115      | 60130      |
| NOMINAL COOLING CAPACITY (ton)                     | 4                | 4          | 5          | 5          | 5          |
| NOMINAL HEATING INPUT (Btu/hr)                     | 115,000          | 130,000    | 90,000     | 115,000    | 130,000    |
| OPERATING WEIGHT (lb/kg)                           | 521/236.3        | 521/236.3  | 572/259.5  | 572/259.5  | 572/259.5  |
| COMPRESSOR                                         | Two-Stage Scroll |            |            |            |            |
| REFRIGERANT (R-410A) QUANTITY (lb/kg)              | 15.3/6.9         | 15.3/6.9   | 15.8/7.2   | 15.8/7.2   | 15.8/7.2   |
| REFRIGERANT METERING DEVICE                        | TXV              |            |            |            |            |
| Size                                               | 4 Ton            | 4 Ton      | 5 Ton      | 5 Ton      | 5 Ton      |
| OUTDOOR FAN                                        |                  |            |            |            |            |
| Nominal CFM                                        | 3300             | 3300       | 3300       | 3300       | 3300       |
| Diameter (in./mm)                                  | 22/559           | 22/559     | 22/559     | 22/559     | 22/559     |
| Motor HP (RPM)                                     | 1/4 (1100)       | 1/4 (1100) | 1/3 (1110) | 1/3 (1110) | 1/3 (1110) |
| OUTDOOR COIL                                       |                  |            |            |            |            |
| Rows...Fins/in                                     | 2...21           | 2...21     | 2...21     | 2...21     | 2...21     |
| Face Area (sq. ft.)                                | 19.4             | 19.4       | 23.3       | 23.3       | 23.3       |
| INDOOR COIL                                        |                  |            |            |            |            |
| Rows...Fins/in                                     | 3...17           | 3...17     | 4...17     | 4...17     | 4...17     |
| Face Area (sq. ft.)                                | 5.7              | 5.7        | 5.7        | 5.7        | 5.7        |
| INDOOR BLOWER                                      |                  |            |            |            |            |
| Nominal Low Stage Airflow (CFM)                    | 1100             | 1100       | 1200       | 1200       | 1200       |
| Nominal High Stage Airflow (CFM)                   | 1600             | 1600       | 1750       | 1750       | 1750       |
| Blower Wheel Size (in. x in.)                      | 11x10            | 11x10      | 11x10      | 11x10      | 11x10      |
| Blower Wheel Size (mm x mm)                        | 279x254          | 279x254    | 279x254    | 279x254    | 279x254    |
| Motor HP (RPM)                                     | 1                | 1          | 1          | 1          | 1          |
| FURNACE SECTION                                    |                  |            |            |            |            |
| Natural Gas Burner Orifice No. (Qty...Drill Size)* | 3...33           | 3...31     | 3...38     | 3...33     | 3...31     |
| HIGH-PRESSURE SWITCH (psig)                        |                  |            |            |            |            |
| Cutout                                             | 670+/-10         |            |            |            |            |
| Reset (Auto)                                       | 470+/-25         |            |            |            |            |
| HIGH-PRESSURE SWITCH 2 (psig)                      |                  |            |            |            |            |
| (Compressor Solenoid)                              |                  |            |            |            |            |
| Cutout                                             | 565+/-15         |            |            |            |            |
| Reset (Auto)                                       | 455+/-15         |            |            |            |            |
| LOSS-OF-CHARGE/LOW-PRESSURE SWITCH                 |                  |            |            |            |            |
| (Liquid Line) (psig)                               |                  |            |            |            |            |
| Cutout                                             | 23+/-5           |            |            |            |            |
| Reset (Auto)                                       | 55+/-5           |            |            |            |            |
| RETURN-AIR FILTERS (in.) Throwaway**               | 24x36x1          |            |            |            |            |
| RETURN-AIR FILTERS (mm) Throwaway**                | 610x914x25       |            |            |            |            |

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

\*\* Recommended filter sizes for field-installed air filter grilles mounted on the wall or ceiling of the conditioned structure. Required filter sizes shown are based on the AHRI (Air Conditioning, Heating, and Refrigeration Institute) rated high stage cooling airflow and a maximum face velocity of 300 ft/minute for throwaway filters or 450 ft/minute for permanent filters. Air filter pressure drop for non-standard filters must not exceed .08 inches water column.

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

| Unit<br>PGD5, PGS5 | Heating Rise<br>Range    | Motor<br>Speed | Wire<br>Color |                   | External Static Pressure (″WC) |      |      |      |      |      |      |      |      |
|--------------------|--------------------------|----------------|---------------|-------------------|--------------------------------|------|------|------|------|------|------|------|------|
|                    |                          |                |               |                   | 0.1                            | 0.2  | 0.3  | 0.4  | 0.5  | 0.6  | 0.7  | 0.8  | 0.9  |
| 24040              | 30 – 60°F<br>(17 – 33°C) | Low1           | Blue          | CFM               | 659                            | 551  | 440  | 355  | –    | –    | –    | –    | –    |
|                    |                          |                |               | Heating Rise (°F) | 46                             | 55   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |
|                    |                          |                |               | Heating Rise (°C) | 25                             | 30   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |
|                    |                          | Med-Low        | Pink          | CFM               | 726                            | 625  | 537  | 407  | –    | –    | –    | –    | –    |
|                    |                          |                |               | Heating Rise (°F) | 42                             | 48   | 56   | NA   | NA   | NA   | NA   | NA   | NA   |
|                    |                          |                |               | Heating Rise (°C) | 23                             | 27   | 31   | NA   | NA   | NA   | NA   | NA   | NA   |
|                    |                          | Medium2        | Red           | CFM               | 907                            | 837  | 759  | 679  | 588  | 474  | 343  | –    | –    |
|                    |                          |                |               | Heating Rise (°F) | 33                             | 36   | 40   | 45   | 51   | NA   | NA   | NA   | NA   |
|                    |                          |                |               | Heating Rise (°C) | 19                             | 20   | 22   | 25   | 29   | NA   | NA   | NA   | NA   |
|                    |                          | Med-High3      | Orange        | CFM               | 953                            | 870  | 807  | 718  | 652  | 528  | 443  | –    | –    |
|                    |                          |                |               | Heating Rise (°F) | 32                             | 35   | 37   | 42   | 46   | 57   | NA   | NA   | NA   |
|                    |                          |                |               | Heating Rise (°C) | 18                             | 19   | 21   | 23   | 26   | 32   | NA   | NA   | NA   |
|                    |                          | High           | Black         | CFM               | 1179                           | 1118 | 1061 | 996  | 942  | 864  | 794  | 718  | 619  |
|                    |                          |                |               | Heating Rise (°F) | NA                             | NA   | NA   | 30   | 32   | 35   | 38   | 42   | 49   |
|                    |                          |                |               | Heating Rise (°C) | NA                             | NA   | NA   | 17   | 18   | 19   | 21   | 23   | 27   |
| 24060              | 25 – 55°F<br>(14 – 31°C) | Low1           | Blue          | CFM               | 659                            | 551  | 440  | 355  | –    | –    | –    | –    | –    |
|                    |                          |                |               | 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               | 726                            | 625  | 537  | 407  | –    | –    | –    | –    | –    |
|                    |                          |                |               | Heating Rise (°F) | NA                             | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |
|                    |                          |                |               | Heating Rise (°C) | NA                             | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |
|                    |                          | Medium2        | Red           | CFM               | 907                            | 837  | 759  | 679  | 588  | 474  | 343  | –    | –    |
|                    |                          |                |               | Heating Rise (°F) | 49                             | 53   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |
|                    |                          |                |               | Heating Rise (°C) | 27                             | 29   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |
|                    |                          | Med-High       | Orange        | CFM               | 953                            | 870  | 807  | 718  | 652  | 528  | 443  | –    | 480  |
|                    |                          |                |               | Heating Rise (°F) | 47                             | 51   | 55   | NA   | NA   | NA   | NA   | NA   | NA   |
|                    |                          |                |               | Heating Rise (°C) | 26                             | 28   | 31   | NA   | NA   | NA   | NA   | NA   | NA   |
|                    |                          | High3          | Black         | CFM               | 1179                           | 1118 | 1061 | 996  | 942  | 864  | 794  | 718  | 619  |
|                    |                          |                |               | Heating Rise (°F) | 38                             | 40   | 42   | 45   | 47   | 51   | NA   | NA   | NA   |
|                    |                          |                |               | Heating Rise (°C) | 21                             | 22   | 23   | 25   | 26   | 29   | NA   | NA   | NA   |
| 36060              | 25 – 55°F<br>(14 – 31°C) | Low1           | Blue          | CFM               | 921                            | 740  | 448  | –    | –    | –    | –    | –    | –    |
|                    |                          |                |               | Heating Rise (°F) | 48                             | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |
|                    |                          |                |               | Heating Rise (°C) | 27                             | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |
|                    |                          | Med-Low        | Pink          | CFM               | 1019                           | 849  | 603  | 479  | –    | –    | –    | –    | –    |
|                    |                          |                |               | Heating Rise (°F) | 44                             | 52   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |
|                    |                          |                |               | Heating Rise (°C) | 24                             | 29   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |
|                    |                          | Medium3        | Red           | CFM               | 1272                           | 1203 | 1150 | 1097 | 1054 | 996  | 937  | 881  | 841  |
|                    |                          |                |               | Heating Rise (°F) | 35                             | 37   | 39   | 41   | 42   | 45   | 47   | 50   | 53   |
|                    |                          |                |               | Heating Rise (°C) | 19                             | 21   | 21   | 23   | 23   | 25   | 26   | 28   | 29   |
|                    |                          | Med-High2      | Orange        | CFM               | 1321                           | 1258 | 1212 | 1168 | 1114 | 1075 | 1009 | 956  | 904  |
|                    |                          |                |               | Heating Rise (°F) | 34                             | 35   | 37   | 38   | 40   | 41   | 44   | 46   | 49   |
|                    |                          |                |               | Heating Rise (°C) | 19                             | 20   | 20   | 21   | 22   | 23   | 24   | 26   | 27   |
|                    |                          | High           | Black         | CFM               | 1478                           | 1426 | 1387 | 1334 | 1292 | 1247 | 1212 | 1148 | 1108 |
|                    |                          |                |               | Heating Rise (°F) | 30                             | 31   | 32   | 33   | 34   | 36   | 37   | 39   | 40   |
|                    |                          |                |               | Heating Rise (°C) | 17                             | 17   | 18   | 19   | 19   | 20   | 20   | 22   | 22   |
| 36090              | 35 – 65°F<br>(19 – 36°C) | Low1           | Blue          | CFM               | 921                            | 740  | 448  | –    | –    | –    | –    | –    | –    |
|                    |                          |                |               | 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               | 1019                           | 849  | 603  | 479  | –    | –    | –    | –    | –    |
|                    |                          |                |               | 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         | Red           | CFM               | 1272                           | 1203 | 1150 | 1097 | 1054 | 996  | 937  | 881  | 841  |
|                    |                          |                |               | Heating Rise (°F) | 53                             | 57   | 59   | 62   | 65   | NA   | NA   | NA   | NA   |
|                    |                          |                |               | Heating Rise (°C) | 30                             | 31   | 33   | 34   | 36   | NA   | NA   | NA   | NA   |
|                    |                          | Med-High2      | Orange        | CFM               | 1321                           | 1258 | 1212 | 1168 | 1114 | 1075 | 1009 | 956  | 904  |
|                    |                          |                |               | Heating Rise (°F) | 51                             | 54   | 56   | 58   | 61   | 63   | NA   | NA   | NA   |
|                    |                          |                |               | Heating Rise (°C) | 29                             | 30   | 31   | 32   | 34   | 35   | NA   | NA   | NA   |
|                    |                          | High3          | Black         | CFM               | 1478                           | 1426 | 1387 | 1334 | 1292 | 1247 | 1212 | 1148 | 1108 |
|                    |                          |                |               | Heating Rise (°F) | 46                             | 48   | 49   | 51   | 53   | 55   | 56   | 59   | 61   |
|                    |                          |                |               | Heating Rise (°C) | 26                             | 26   | 27   | 28   | 29   | 30   | 31   | 33   | 34   |

| UNIT AIRFLOW, Horizontal and Downflow Discharge, 230 Volts, Dry Coil |                          |                |               |                   |                                |      |      |      |      |      |      |      |      |    |
|----------------------------------------------------------------------|--------------------------|----------------|---------------|-------------------|--------------------------------|------|------|------|------|------|------|------|------|----|
| Unit<br>PGD5, PGS5                                                   | Heating Rise<br>Range    | Motor<br>Speed | Wire<br>Color |                   | External Static Pressure (”WC) |      |      |      |      |      |      |      |      |    |
|                                                                      |                          |                |               |                   | 0.1                            | 0.2  | 0.3  | 0.4  | 0.5  | 0.6  | 0.7  | 0.8  | 0.9  |    |
| 48090                                                                | 35 – 65°F<br>(19 – 36°C) | Low1           | Blue          | CFM               | 1201                           | 1159 | 1101 | 1062 | 1004 | 957  | 897  | 852  | 793  |    |
|                                                                      |                          |                |               | Heating Rise (°F) | 57                             | 59   | 62   | 64   | NA   | NA   | NA   | NA   | NA   |    |
|                                                                      |                          |                |               | Heating Rise (°C) | 31                             | 33   | 34   | 36   | NA   | NA   | NA   | NA   | NA   |    |
|                                                                      |                          | Med-Low3       | Pink          | CFM               | 1419                           | 1364 | 1318 | 1258 | 1214 | 1160 | 1118 | 1053 | 1009 |    |
|                                                                      |                          |                |               | Heating Rise (°F) | 48                             | 50   | 52   | 54   | 56   | 59   | 61   | 65   | NA   |    |
|                                                                      |                          |                |               | Heating Rise (°C) | 27                             | 28   | 29   | 30   | 31   | 33   | 34   | 36   | NA   |    |
|                                                                      |                          | Medium2        | Red           | 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   |    |
|                                                                      |                          | Med-High       | Orange        | CFM               | 1916                           | 1881 | 1846 | 1810 | 1761 | 1722 | 1681 | 1647 | 1600 |    |
|                                                                      |                          |                |               | Heating Rise (°F) | 35                             | 36   | 37   | 38   | 39   | 39   | 40   | 41   | 43   |    |
|                                                                      |                          |                |               | Heating Rise (°C) | 20                             | 20   | 20   | 21   | 21   | 22   | 22   | 23   | 24   |    |
|                                                                      |                          | High           | Black         | CFM               | 2093                           | 2051 | 2024 | 1967 | 1947 | 1907 | 1854 | 1826 | 1749 |    |
|                                                                      |                          |                |               | Heating Rise (°F) | NA                             | NA   | NA   | 35   | 35   | 36   | 37   | 37   | 39   |    |
|                                                                      |                          |                |               | Heating Rise (°C) | NA                             | NA   | NA   | 19   | 19   | 20   | 20   | 21   | 22   |    |
| 48115                                                                | 30 – 60°F<br>(17 – 33°C) | Low1           | Blue          | CFM               | 1201                           | 1159 | 1101 | 1062 | 1004 | 957  | 897  | 852  | 793  |    |
|                                                                      |                          |                |               | Heating Rise (°F) | NA                             | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA |
|                                                                      |                          |                |               | Heating Rise (°C) | NA                             | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA |
|                                                                      |                          | Med-Low        | Pink          | CFM               | 1419                           | 1364 | 1318 | 1258 | 1214 | 1160 | 1118 | 1053 | 1009 |    |
|                                                                      |                          |                |               | Heating Rise (°F) | NA                             | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA |
|                                                                      |                          |                |               | Heating Rise (°C) | NA                             | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA |
|                                                                      |                          | Medium2        | Red           | CFM               | 1678                           | 1635 | 1602 | 1558 | 1513 | 1474 | 1438 | 1404 | 1349 |    |
|                                                                      |                          |                |               | Heating Rise (°F) | 52                             | 53   | 54   | 56   | 57   | 59   | 60   | NA   | NA   | NA |
|                                                                      |                          |                |               | Heating Rise (°C) | 29                             | 30   | 30   | 31   | 32   | 33   | 34   | NA   | NA   | NA |
|                                                                      |                          | Med-High       | Orange        | CFM               | 1916                           | 1881 | 1846 | 1810 | 1761 | 1722 | 1681 | 1647 | 1600 |    |
|                                                                      |                          |                |               | Heating Rise (°F) | 45                             | 46   | 47   | 48   | 49   | 50   | 52   | 53   | 54   |    |
|                                                                      |                          |                |               | Heating Rise (°C) | 25                             | 26   | 26   | 27   | 27   | 28   | 29   | 29   | 30   |    |
|                                                                      |                          | High3          | Black         | CFM               | 2093                           | 2051 | 2024 | 1967 | 1947 | 1907 | 1854 | 1826 | 1749 |    |
|                                                                      |                          |                |               | Heating Rise (°F) | 42                             | 42   | 43   | 44   | 45   | 46   | 47   | 48   | 50   |    |
|                                                                      |                          |                |               | Heating Rise (°C) | 23                             | 24   | 24   | 25   | 25   | 25   | 26   | 26   | 28   |    |
| 48130                                                                | 35 – 65°F<br>(19 – 36°C) | Low1           | Blue          | CFM               | 1201                           | 1159 | 1101 | 1062 | 1004 | 957  | 897  | 852  | 793  |    |
|                                                                      |                          |                |               | Heating Rise (°F) | NA                             | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA |
|                                                                      |                          |                |               | Heating Rise (°C) | NA                             | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA |
|                                                                      |                          | Med-Low        | Pink          | CFM               | 1419                           | 1364 | 1318 | 1258 | 1214 | 1160 | 1118 | 1053 | 1009 |    |
|                                                                      |                          |                |               | Heating Rise (°F) | NA                             | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA |
|                                                                      |                          |                |               | Heating Rise (°C) | NA                             | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA |
|                                                                      |                          | Medium2        | Red           | CFM               | 1678                           | 1635 | 1602 | 1558 | 1513 | 1474 | 1438 | 1404 | 1349 |    |
|                                                                      |                          |                |               | Heating Rise (°F) | 57                             | 59   | 60   | 62   | 64   | 65   | NA   | NA   | NA   | NA |
|                                                                      |                          |                |               | Heating Rise (°C) | 32                             | 33   | 33   | 34   | 35   | 36   | NA   | NA   | NA   | NA |
|                                                                      |                          | Med-High       | Orange        | CFM               | 1916                           | 1881 | 1846 | 1810 | 1761 | 1722 | 1681 | 1647 | 1600 |    |
|                                                                      |                          |                |               | Heating Rise (°F) | 50                             | 51   | 52   | 53   | 55   | 56   | 57   | 58   | 60   |    |
|                                                                      |                          |                |               | Heating Rise (°C) | 28                             | 28   | 29   | 30   | 30   | 31   | 32   | 32   | 33   |    |
|                                                                      |                          | High3          | Black         | CFM               | 2093                           | 2051 | 2024 | 1967 | 1947 | 1907 | 1854 | 1826 | 1749 |    |
|                                                                      |                          |                |               | Heating Rise (°F) | 46                             | 47   | 48   | 49   | 49   | 50   | 52   | 53   | 55   |    |
|                                                                      |                          |                |               | Heating Rise (°C) | 26                             | 26   | 26   | 27   | 27   | 28   | 29   | 29   | 31   |    |
| 60090                                                                | 35 – 65°F<br>(19 – 36°C) | Low1           | Blue          | CFM               | 1320                           | 1256 | 1211 | 1142 | 1096 | 1028 | 973  | 903  | 835  |    |
|                                                                      |                          |                |               | Heating Rise (°F) | 52                             | 54   | 56   | 60   | 62   | NA   | NA   | NA   | NA   | NA |
|                                                                      |                          |                |               | Heating Rise (°C) | 29                             | 30   | 31   | 33   | 34   | NA   | NA   | NA   | NA   | NA |
|                                                                      |                          | Med-Low3       | Pink          | CFM               | 1351                           | 1295 | 1258 | 1212 | 1170 | 1124 | 1080 | 1036 | 992  |    |
|                                                                      |                          |                |               | Heating Rise (°F) | 50                             | 53   | 54   | 56   | 58   | 60   | 63   | NA   | NA   | NA |
|                                                                      |                          |                |               | Heating Rise (°C) | 28                             | 29   | 30   | 31   | 32   | 34   | 35   | NA   | NA   | NA |
|                                                                      |                          | Medium2        | Red           | CFM               | 1824                           | 1782 | 1742 | 1711 | 1673 | 1641 | 1607 | 1563 | 1490 |    |
|                                                                      |                          |                |               | Heating Rise (°F) | 37                             | 38   | 39   | 40   | 41   | 41   | 42   | 44   | 46   |    |
|                                                                      |                          |                |               | Heating Rise (°C) | 21                             | 21   | 22   | 22   | 23   | 23   | 24   | 24   | 25   |    |
|                                                                      |                          | Med-High       | Orange        | CFM               | 2001                           | 1958 | 1923 | 1883 | 1831 | 1776 | 1705 | 1624 | 1538 |    |
|                                                                      |                          |                |               | Heating Rise (°F) | NA                             | 35   | 35   | 36   | 37   | 38   | 40   | 42   | 44   |    |
|                                                                      |                          |                |               | Heating Rise (°C) | NA                             | 19   | 20   | 20   | 21   | 21   | 22   | 23   | 25   |    |
|                                                                      |                          | High           | Black         | CFM               | 2292                           | 2238 | 2158 | 2049 | 1935 | 1840 | 1732 | 1635 | 1513 |    |
|                                                                      |                          |                |               | Heating Rise (°F) | NA                             | NA   | NA   | NA   | 35   | 37   | 39   | 42   | 45   |    |
|                                                                      |                          |                |               | Heating Rise (°C) | NA                             | NA   | NA   | NA   | 20   | 21   | 22   | 23   | 25   |    |

| UNIT AIRFLOW, Horizontal and Downflow Discharge, 230 Volts, Dry Coil |                          |                |               |                   |                                |      |      |      |      |      |      |      |      |
|----------------------------------------------------------------------|--------------------------|----------------|---------------|-------------------|--------------------------------|------|------|------|------|------|------|------|------|
| Unit<br>PGD5, PGS5                                                   | Heating Rise<br>Range    | Motor<br>Speed | Wire<br>Color |                   | External Static Pressure ("WC) |      |      |      |      |      |      |      |      |
|                                                                      |                          |                |               |                   | 0.1                            | 0.2  | 0.3  | 0.4  | 0.5  | 0.6  | 0.7  | 0.8  | 0.9  |
| 60115                                                                | 30 – 60°F<br>(17 – 33°C) | Low1           | Blue          | CFM               | 1320                           | 1256 | 1211 | 1142 | 1096 | 1028 | 973  | 903  | 835  |
|                                                                      |                          |                |               | 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               | 1351                           | 1295 | 1258 | 1212 | 1170 | 1124 | 1080 | 1036 | 992  |
|                                                                      |                          |                |               | Heating Rise (°F) | NA                             | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |
|                                                                      |                          |                |               | Heating Rise (°C) | NA                             | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |
|                                                                      |                          | Medium2        | Red           | CFM               | 1824                           | 1782 | 1742 | 1711 | 1673 | 1641 | 1607 | 1563 | 1490 |
|                                                                      |                          |                |               | Heating Rise (°F) | 48                             | 49   | 50   | 51   | 52   | 53   | 54   | 56   | 58   |
|                                                                      |                          |                |               | Heating Rise (°C) | 26                             | 27   | 28   | 28   | 29   | 29   | 30   | 31   | 32   |
|                                                                      |                          | Med-High3      | Orange        | CFM               | 2001                           | 1958 | 1923 | 1883 | 1831 | 1776 | 1705 | 1624 | 1538 |
|                                                                      |                          |                |               | Heating Rise (°F) | 43                             | 44   | 45   | 46   | 47   | 49   | 51   | 54   | 56   |
|                                                                      |                          |                |               | Heating Rise (°C) | 24                             | 25   | 25   | 26   | 26   | 27   | 28   | 30   | 31   |
|                                                                      |                          | High           | Black         | CFM               | 2292                           | 2238 | 2158 | 2049 | 1935 | 1840 | 1732 | 1635 | 1513 |
|                                                                      |                          |                |               | Heating Rise (°F) | 38                             | 39   | 40   | 42   | 45   | 47   | 50   | 53   | 57   |
|                                                                      |                          |                |               | Heating Rise (°C) | 21                             | 22   | 22   | 24   | 25   | 26   | 28   | 30   | 32   |
| 60130                                                                | 35 – 65°F<br>(19 – 36°C) | Low1           | Blue          | CFM               | 1320                           | 1256 | 1211 | 1142 | 1096 | 1028 | 973  | 903  | 835  |
|                                                                      |                          |                |               | 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               | 1351                           | 1295 | 1258 | 1212 | 1170 | 1124 | 1080 | 1036 | 992  |
|                                                                      |                          |                |               | Heating Rise (°F) | NA                             | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |
|                                                                      |                          |                |               | Heating Rise (°C) | NA                             | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |
|                                                                      |                          | Medium2        | Red           | CFM               | 1887                           | 1847 | 1783 | 1726 | 1677 | 1625 | 1578 | 1527 | 1432 |
|                                                                      |                          |                |               | Heating Rise (°F) | 51                             | 52   | 54   | 56   | 57   | 59   | 61   | 63   | NA   |
|                                                                      |                          |                |               | Heating Rise (°C) | 28                             | 29   | 30   | 31   | 32   | 33   | 34   | 35   | NA   |
|                                                                      |                          | Med-High3      | Orange        | CFM               | 2001                           | 1958 | 1923 | 1883 | 1831 | 1776 | 1705 | 1624 | 1538 |
|                                                                      |                          |                |               | Heating Rise (°F) | 48                             | 49   | 50   | 51   | 53   | 54   | 56   | 59   | 63   |
|                                                                      |                          |                |               | Heating Rise (°C) | 27                             | 27   | 28   | 28   | 29   | 30   | 31   | 33   | 35   |
|                                                                      |                          | High           | Black         | CFM               | 2292                           | 2238 | 2158 | 2049 | 1935 | 1840 | 1732 | 1635 | 1513 |
|                                                                      |                          |                |               | Heating Rise (°F) | 42                             | 43   | 45   | 47   | 50   | 52   | 56   | 59   | 64   |
|                                                                      |                          |                |               | Heating Rise (°C) | 23                             | 24   | 25   | 26   | 28   | 29   | 31   | 33   | 35   |

\* Air delivery values are without air filter and are for dry coil (See Table 15 - PGD5, PGS5 Wet Coil Pressure Drop table).

1 Factory-shipped low stage cooling speed

2 Factory-shipped high stage cooling speed

3 Factory-shipped heating speed

"NA" = Not allowed for heating speed

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

| FILTER PRESSURE DROP |                                     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------------|-------------------------------------|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| FILTER SIZE          | CFM                                 |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                      | 500                                 | 600 | 700 | 800 | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 |
|                      | Pressure Drop (inches water column) |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 20 x 24 x 1          | —                                   | —   | —   | —   | 0.09 | 0.1  | 0.11 | 0.13 | 0.14 | 0.15 | 0.16 | —    | —    | —    | —    | —    | —    | —    | —    |
| 24 x 30 x 1          | —                                   | —   | —   | —   | —    | —    | —    | 0.07 | 0.08 | 0.09 | 0.1  | 0.11 | 0.12 | 0.13 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 |
| 24 x 36 x 1          | —                                   | —   | —   | —   | —    | —    | —    | 0.06 | 0.07 | 0.07 | 0.08 | 0.09 | 0.09 | 0.10 | 0.11 | 0.12 | 0.13 | 0.14 | 0.14 |

Minimum Filter Requirements:

20 x 24 x 1 = PGD524, PGS524

24 x 30 x 1 = PGD536, PGS536

24 x 36 x 1 = PGD548, PGS548, PGD560, PGS560

| WET COIL PRESSURE DROP (in wc) |                     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--------------------------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Unit<br>Size                   | STANDARD CFM (SCFM) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                                | 600                 | 700   | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900  | 2000  | 2100  |
| 24                             | 0.005               | 0.007 | 0.010 | 0.012 | 0.015 | —     | —     | —     | —     | —     | —     | —     | —     | —     | —     | —     |
| 36                             | —                   | —     | —     | 0.019 | 0.023 | 0.027 | 0.032 | 0.037 | 0.042 | 0.047 | —     | —     | —     | —     | —     | —     |
| 48                             | —                   | —     | —     | —     | —     | —     | 0.027 | 0.032 | 0.036 | 0.041 | 0.046 | 0.052 | 0.057 | 0.063 | 0.068 | —     |
| 60                             | —                   | —     | —     | —     | —     | —     | —     | —     | —     | 0.029 | 0.032 | 0.036 | 0.040 | 0.045 | 0.049 | 0.053 |

| UNIT ELECTRICAL SPECIFICATIONS |                    |               |      |            |     |     |     |      |              |      |
|--------------------------------|--------------------|---------------|------|------------|-----|-----|-----|------|--------------|------|
| MODEL<br>NUMBER<br>PGD5, PGS5  | Nominal<br>V-PH-HZ | Voltage Range |      | Compressor |     | OFM | IFM | IDM  | Power Supply |      |
|                                |                    | Min.          | Max. | RLA        | LRA | FLA | FLA | FLA  | MCA          | MOCP |
| 24040                          | 208/230-1-60       | 187           | 253  | 10.3       | 52  | 0.9 | 4.1 | 0.65 | 17.9         | 25   |
| 24060                          |                    |               |      | 10.3       | 52  | 0.9 | 4.1 | 1.65 | 17.9         | 25   |
| 36060                          |                    |               |      | 16.7       | 82  | 0.9 | 6.0 | 1.65 | 27.8         | 40   |
| 36090                          |                    |               |      | 16.7       | 82  | 0.9 | 6.0 | 0.65 | 27.8         | 40   |
| 48090                          |                    |               |      | 21.2       | 96  | 1.5 | 7.6 | 0.65 | 35.6         | 50   |
| 48115                          |                    |               |      | 21.2       | 96  | 1.5 | 7.6 | 1.65 | 35.6         | 50   |
| 48130                          |                    |               |      | 21.2       | 96  | 1.5 | 7.6 | 0.52 | 35.6         | 50   |
| 60090                          |                    |               |      | 25.6       | 118 | 1.9 | 7.6 | 0.65 | 41.5         | 60   |
| 60115                          |                    |               |      | 25.6       | 118 | 1.9 | 7.6 | 1.65 | 41.5         | 60   |
| 60130                          |                    |               |      | 25.6       | 118 | 1.9 | 7.6 | 0.52 | 41.5         | 60   |

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.



**PGD5, PGS524 EXTENDED COOLING PERFORMANCE – HIGH COOL**

| EVAPORATOR AIR |     | CONDENSER ENTERING AIR TEMPERATURES deg F |       |                 |                |       |                 |                |       |                 |                |       |                 |                |       |                 |                |       |                 |
|----------------|-----|-------------------------------------------|-------|-----------------|----------------|-------|-----------------|----------------|-------|-----------------|----------------|-------|-----------------|----------------|-------|-----------------|----------------|-------|-----------------|
| CFM            | EWB | 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 |
|                |     | Total                                     | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 |
| 700            | 57  | 21.77                                     | 21.77 | 1.61            | 20.88          | 20.88 | 1.79            | 19.95          | 19.95 | 2.00            | 18.94          | 18.94 | 2.23            | 17.86          | 17.86 | 2.48            | 16.66          | 16.66 | 2.77            |
|                | 62  | 22.40                                     | 18.69 | 1.61            | 21.29          | 18.21 | 1.80            | 20.13          | 17.70 | 2.00            | 18.95          | 18.95 | 2.23            | 17.86          | 17.86 | 2.48            | 16.66          | 16.66 | 2.77            |
|                | 63  | 22.85                                     | 15.18 | 1.62            | 21.71          | 14.70 | 1.80            | 20.52          | 14.21 | 2.01            | 19.25          | 13.70 | 2.23            | 17.90          | 13.16 | 2.48            | 16.42          | 12.58 | 2.77            |
|                | 67  | 24.66                                     | 15.72 | 1.64            | 23.44          | 15.24 | 1.83            | 22.15          | 14.75 | 2.03            | 20.79          | 14.24 | 2.26            | 19.34          | 13.70 | 2.51            | 17.74          | 13.12 | 2.79            |
|                | 72  | 27.16                                     | 12.75 | 1.67            | 25.83          | 12.28 | 1.86            | 24.42          | 11.80 | 2.06            | 22.94          | 11.29 | 2.29            | 21.33          | 10.76 | 2.54            | 19.57          | 10.18 | 2.83            |
| 800            | 57  | 22.76                                     | 22.76 | 1.64            | 21.81          | 21.81 | 1.82            | 20.81          | 20.81 | 2.03            | 19.74          | 19.74 | 2.26            | 18.58          | 18.58 | 2.51            | 17.29          | 17.29 | 2.80            |
|                | 62  | 22.97                                     | 20.16 | 1.64            | 21.84          | 21.76 | 1.82            | 20.81          | 20.81 | 2.03            | 19.74          | 19.74 | 2.26            | 18.58          | 18.58 | 2.51            | 17.29          | 17.29 | 2.80            |
|                | 63  | 23.39                                     | 16.20 | 1.64            | 22.19          | 15.71 | 1.83            | 20.94          | 15.21 | 2.03            | 19.62          | 14.69 | 2.26            | 18.22          | 14.14 | 2.51            | 16.69          | 13.54 | 2.79            |
|                | 67  | 25.22                                     | 16.81 | 1.67            | 23.94          | 16.32 | 1.85            | 22.60          | 15.82 | 2.05            | 21.18          | 15.30 | 2.28            | 19.67          | 14.74 | 2.53            | 18.01          | 14.14 | 2.82            |
|                | 72  | 27.77                                     | 13.43 | 1.70            | 26.37          | 12.96 | 1.88            | 24.90          | 12.48 | 2.09            | 23.35          | 11.95 | 2.31            | 21.66          | 11.41 | 2.57            | 20.60          | 11.05 | 2.57            |

**PGD5, PGS524 EXTENDED COOLING PERFORMANCE – LOW COOL**

| 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 | Capacity MBtuh |      | Total System KW |       |      |  |
| Total          | Sens | Total                                     | Sens  |                 | Total          | Sens         |                 | Total          | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 | Total          | Sens          |                 | Total          | Sens |                 | Total | Sens |  |
| CFM            | EWB  |                                           |       |                 |                |              |                 |                |       |                 |                |       |                 |                |       |                 |                |               |                 |                |      |                 |       |      |  |
|                |      |                                           |       |                 |                |              |                 |                |       |                 |                |       |                 |                |       |                 |                |               |                 |                |      |                 |       |      |  |
|                |      |                                           |       |                 |                |              |                 |                |       |                 |                |       |                 |                |       |                 |                |               |                 |                |      |                 |       |      |  |
|                |      |                                           |       |                 |                |              |                 |                |       |                 |                |       |                 |                |       |                 |                |               |                 |                |      |                 |       |      |  |
|                |      |                                           |       |                 |                |              |                 |                |       |                 |                |       |                 |                |       |                 |                |               |                 |                |      |                 |       |      |  |
| 525            | 57   | 16.65                                     | 16.65 | 1.05            | 15.95          | 15.95        | 1.20            | 15.21          | 15.21 | 1.37            | 14.40          | 14.40 | 1.57            | 13.52          | 13.52 | 1.80            | 12.55          | 12.55         | 2.07            | 2.07           |      |                 |       |      |  |
|                | 62   | 17.20                                     | 14.47 | 1.06            | 16.29          | 14.07        | 1.21            | 15.34          | 13.65 | 1.37            | 14.40          | 14.40 | 1.57            | 13.52          | 13.52 | 1.80            | 12.55          | 12.55         | 2.07            | 2.07           |      |                 |       |      |  |
|                | 63   | 17.61                                     | 11.75 | 1.06            | 16.69          | 11.36        | 1.21            | 15.70          | 10.96 | 1.38            | 14.64          | 10.53 | 1.57            | 13.50          | 10.07 | 1.80            | 12.27          | 9.58          | 2.06            | 2.06           |      |                 |       |      |  |
|                | 67   | 19.23                                     | 12.26 | 1.08            | 18.23          | 11.87        | 1.22            | 17.18          | 11.47 | 1.39            | 16.05          | 11.03 | 1.58            | 14.83          | 10.58 | 1.81            | 13.50          | 10.09         | 2.07            | 2.07           |      |                 |       |      |  |
|                | 72   | 21.48                                     | 10.05 | 1.09            | 20.41          | 9.66         | 1.24            | 19.26          | 9.26  | 1.41            | 18.02          | 8.84  | 1.60            | 16.69          | 8.39  | 1.83            | 15.24          | 7.90          | 2.09            | 2.09           |      |                 |       |      |  |
| 600            | 57   | 17.52                                     | 17.52 | 1.08            | 16.77          | 16.77        | 1.23            | 15.96          | 15.96 | 1.39            | 15.10          | 15.10 | 1.59            | 14.15          | 14.15 | 1.82            | 13.11          | 13.11         | 2.09            | 2.09           |      |                 |       |      |  |
|                | 62   | 17.71                                     | 15.66 | 1.08            | 16.78          | 16.75        | 1.23            | 15.96          | 15.96 | 1.39            | 15.10          | 15.10 | 1.59            | 14.15          | 14.15 | 1.82            | 13.12          | 13.12         | 2.09            | 2.09           |      |                 |       |      |  |
|                | 63   | 18.10                                     | 12.58 | 1.08            | 17.12          | 12.18        | 1.23            | 16.09          | 11.76 | 1.39            | 14.98          | 11.32 | 1.59            | 13.80          | 10.85 | 1.81            | 12.51          | 10.35         | 2.08            | 2.08           |      |                 |       |      |  |
|                | 67   | 19.75                                     | 13.14 | 1.09            | 18.71          | 12.74        | 1.24            | 17.60          | 12.32 | 1.41            | 16.41          | 11.88 | 1.60            | 15.14          | 11.41 | 1.83            | 13.76          | 10.91         | 2.09            | 2.09           |      |                 |       |      |  |
|                | 72   | 22.06                                     | 10.61 | 1.11            | 20.93          | 10.21        | 1.26            | 19.72          | 9.80  | 1.43            | 18.41          | 9.36  | 1.62            | 17.03          | 8.91  | 1.85            | 15.51          | 8.41          | 2.11            | 2.11           |      |                 |       |      |  |

| PGD5, PGS536 EXTENDED COOLING PERFORMANCE – HIGH COOL |     |                |                                           |                 |                |       |                 |                |       |                 |                |       |                 |                |       |                 |                |       |                 |
|-------------------------------------------------------|-----|----------------|-------------------------------------------|-----------------|----------------|-------|-----------------|----------------|-------|-----------------|----------------|-------|-----------------|----------------|-------|-----------------|----------------|-------|-----------------|
| EVAPORATOR AIR                                        |     |                | CONDENSER ENTERING AIR TEMPERATURES deg F |                 |                |       |                 |                |       |                 |                |       |                 |                |       |                 |                |       |                 |
| CFM                                                   | EWB | 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 |
|                                                       |     | Total          | Sens                                      |                 | Total          | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 |
| 1050                                                  | 57  | 33.64          | 33.64                                     | 2.28            | 32.32          | 32.32 | 2.53            | 30.90          | 30.90 | 2.81            | 29.36          | 29.36 | 3.11            | 27.65          | 27.65 | 3.46            | 25.71          | 25.71 | 3.84            |
|                                                       | 62  | 34.47          | 28.72                                     | 2.29            | 32.83          | 28.00 | 2.54            | 31.11          | 27.24 | 2.81            | 29.36          | 29.36 | 3.11            | 27.65          | 27.65 | 3.46            | 25.71          | 25.71 | 3.84            |
|                                                       | 63  | 35.12          | 23.25                                     | 2.29            | 33.44          | 22.56 | 2.54            | 31.65          | 21.83 | 2.81            | 29.73          | 21.07 | 3.12            | 27.64          | 20.25 | 3.45            | 25.33          | 19.35 | 3.83            |
|                                                       | 67  | 37.76          | 24.04                                     | 2.32            | 35.94          | 23.34 | 2.57            | 34.00          | 22.61 | 2.84            | 31.91          | 21.83 | 3.15            | 29.65          | 21.00 | 3.49            | 27.14          | 20.10 | 3.87            |
|                                                       | 73  | 42.16          | 18.41                                     | 2.37            | 40.12          | 17.73 | 2.62            | 37.93          | 17.01 | 2.90            | 35.58          | 16.24 | 3.20            | 33.02          | 15.43 | 3.54            | 30.21          | 14.53 | 3.92            |
| 1200                                                  | 57  | 35.06          | 35.06                                     | 2.32            | 33.64          | 33.64 | 2.58            | 32.12          | 32.12 | 2.85            | 30.46          | 30.46 | 3.16            | 28.63          | 28.63 | 3.50            | 26.56          | 26.56 | 3.89            |
|                                                       | 62  | 35.29          | 30.91                                     | 2.33            | 33.64          | 33.64 | 2.58            | 32.12          | 32.12 | 2.85            | 30.46          | 30.46 | 3.16            | 28.63          | 28.63 | 3.50            | 26.56          | 26.56 | 3.89            |
|                                                       | 63  | 35.86          | 24.79                                     | 2.33            | 34.09          | 24.08 | 2.58            | 32.22          | 23.34 | 2.85            | 30.23          | 22.56 | 3.15            | 28.05          | 21.71 | 3.49            | 25.66          | 20.78 | 3.87            |
|                                                       | 67  | 38.52          | 25.68                                     | 2.36            | 36.62          | 24.97 | 2.61            | 34.60          | 24.22 | 2.88            | 32.43          | 23.43 | 3.19            | 30.06          | 22.57 | 3.53            | 27.47          | 21.64 | 3.90            |
|                                                       | 73  | 42.99          | 19.31                                     | 2.41            | 40.85          | 18.61 | 2.66            | 38.57          | 17.87 | 2.93            | 36.13          | 17.09 | 3.24            | 33.48          | 16.25 | 3.58            | 30.56          | 15.35 | 3.96            |
| PGD5, PGS536 EXTENDED COOLING PERFORMANCE – LOW COOL  |     |                |                                           |                 |                |       |                 |                |       |                 |                |       |                 |                |       |                 |                |       |                 |
| EVAPORATOR AIR                                        |     |                | CONDENSER ENTERING AIR TEMPERATURES deg F |                 |                |       |                 |                |       |                 |                |       |                 |                |       |                 |                |       |                 |
| CFM                                                   | EWB | 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 |
|                                                       |     | Total          | Sens                                      |                 | Total          | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 |
| 745                                                   | 57  | 23.27          | 23.27                                     | 1.46            | 22.34          | 22.34 | 1.65            | 21.31          | 21.31 | 1.87            | 20.19          | 20.19 | 2.12            | 18.95          | 18.95 | 2.41            | 17.58          | 17.58 | 2.76            |
|                                                       | 62  | 23.91          | 20.06                                     | 1.46            | 22.70          | 19.54 | 1.65            | 21.41          | 18.97 | 1.87            | 20.19          | 20.19 | 2.12            | 18.95          | 18.95 | 2.41            | 17.58          | 17.58 | 2.76            |
|                                                       | 63  | 24.46          | 16.28                                     | 1.47            | 23.21          | 15.77 | 1.66            | 21.87          | 15.23 | 1.87            | 20.42          | 14.65 | 2.12            | 18.85          | 14.03 | 2.41            | 17.14          | 13.36 | 2.75            |
|                                                       | 67  | 26.63          | 16.96                                     | 1.48            | 25.29          | 16.45 | 1.67            | 23.85          | 15.90 | 1.89            | 22.28          | 15.32 | 2.14            | 20.58          | 14.69 | 2.43            | 18.72          | 14.02 | 2.77            |
|                                                       | 72  | 29.67          | 13.86                                     | 1.51            | 28.20          | 13.35 | 1.70            | 26.61          | 12.81 | 1.91            | 24.89          | 12.23 | 2.16            | 23.01          | 11.60 | 2.45            | 20.96          | 10.93 | 2.79            |
| 850                                                   | 57  | 24.45          | 24.45                                     | 1.48            | 23.43          | 23.43 | 1.67            | 22.33          | 22.33 | 1.89            | 21.11          | 21.11 | 2.14            | 19.80          | 19.80 | 2.44            | 18.32          | 18.32 | 2.78            |
|                                                       | 62  | 24.61          | 21.68                                     | 1.48            | 23.43          | 23.43 | 1.67            | 22.33          | 22.33 | 1.89            | 21.12          | 21.12 | 2.14            | 19.80          | 19.80 | 2.44            | 18.32          | 18.32 | 2.78            |
|                                                       | 63  | 25.11          | 17.42                                     | 1.49            | 23.80          | 16.89 | 1.68            | 22.39          | 16.34 | 1.89            | 20.88          | 15.74 | 2.14            | 19.24          | 15.10 | 2.43            | 17.46          | 14.42 | 2.77            |
|                                                       | 67  | 27.33          | 18.17                                     | 1.50            | 25.92          | 17.64 | 1.69            | 24.40          | 17.08 | 1.91            | 22.76          | 16.48 | 2.15            | 20.99          | 15.84 | 2.44            | 19.06          | 15.15 | 2.78            |
|                                                       | 72  | 30.44          | 14.64                                     | 1.53            | 28.89          | 14.12 | 1.71            | 27.21          | 13.55 | 1.93            | 25.40          | 12.96 | 2.17            | 23.45          | 12.33 | 2.46            | 21.30          | 11.65 | 2.80            |

**PGD5, PGS548 EXTENDED COOLING PERFORMANCE – HIGH COOL**

| EVAPORATOR AIR |     | CONDENSER ENTERING AIR TEMPERATURES deg F |       |                 |                |       |                 |                |       |                 |                |       |                 |                |       |                 |                |       |                 |
|----------------|-----|-------------------------------------------|-------|-----------------|----------------|-------|-----------------|----------------|-------|-----------------|----------------|-------|-----------------|----------------|-------|-----------------|----------------|-------|-----------------|
| CFM            | EWB | 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 |
|                |     | Total                                     | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 |
| 1400           | 57  | 44.39                                     | 44.39 | 3.40            | 42.70          | 42.70 | 3.71            | 40.87          | 40.87 | 4.05            | 38.88          | 38.88 | 4.43            | 36.67          | 36.67 | 4.84            | 34.16          | 34.16 | 5.30            |
|                | 62  | 45.43                                     | 38.20 | 3.41            | 43.33          | 37.29 | 3.72            | 41.11          | 36.31 | 4.05            | 38.87          | 38.87 | 4.43            | 36.67          | 36.67 | 4.84            | 35.30          | 35.30 | 4.84            |
|                | 63  | 46.29                                     | 30.85 | 3.42            | 44.11          | 29.95 | 3.73            | 41.79          | 29.00 | 4.06            | 39.28          | 28.00 | 4.43            | 36.54          | 26.91 | 4.84            | 33.51          | 25.73 | 5.29            |
|                | 67  | 50.04                                     | 32.01 | 3.46            | 47.71          | 31.11 | 3.77            | 45.21          | 30.16 | 4.11            | 42.50          | 29.14 | 4.48            | 41.00          | 28.60 | 4.43            | 36.24          | 26.85 | 5.34            |
|                | 72  | 55.24                                     | 25.88 | 3.53            | 52.68          | 24.98 | 3.84            | 49.93          | 24.04 | 4.18            | 46.96          | 23.04 | 4.55            | 45.43          | 22.53 | 4.52            | 40.04          | 20.75 | 5.41            |
| 1600           | 57  | 46.32                                     | 46.32 | 3.48            | 44.10          | 44.10 | 3.79            | 42.54          | 42.54 | 4.13            | 40.41          | 40.41 | 4.51            | 38.04          | 38.04 | 4.92            | 36.62          | 36.62 | 4.93            |
|                | 62  | 46.57                                     | 41.09 | 3.48            | 44.43          | 44.43 | 3.79            | 42.54          | 42.54 | 4.13            | 41.40          | 41.40 | 4.51            | 38.04          | 38.04 | 4.92            | 36.61          | 36.61 | 4.93            |
|                | 63  | 47.25                                     | 32.81 | 3.49            | 44.97          | 31.89 | 3.80            | 42.55          | 30.92 | 4.13            | 39.95          | 29.90 | 4.50            | 37.11          | 28.80 | 4.91            | 33.97          | 27.59 | 5.36            |
|                | 67  | 51.07                                     | 34.10 | 3.53            | 48.62          | 33.18 | 3.84            | 46.00          | 32.20 | 4.18            | 43.19          | 31.17 | 4.55            | 40.12          | 30.06 | 4.96            | 38.36          | 29.43 | 4.97            |
|                | 72  | 56.36                                     | 27.17 | 3.60            | 53.67          | 26.25 | 3.91            | 50.80          | 25.29 | 4.25            | 47.69          | 24.26 | 4.62            | 44.30          | 23.15 | 5.03            | 42.55          | 22.59 | 5.06            |

**PGD5, PGS548 EXTENDED COOLING PERFORMANCE – LOW COOL**

| EVAPORATOR AIR |     | CONDENSER ENTERING AIR TEMPERATURES deg F |       |                 |                |              |                 |                |       |                 |                |       |                 |                |       |                 |                |               |                 |                |      |                 |       |      |  |
|----------------|-----|-------------------------------------------|-------|-----------------|----------------|--------------|-----------------|----------------|-------|-----------------|----------------|-------|-----------------|----------------|-------|-----------------|----------------|---------------|-----------------|----------------|------|-----------------|-------|------|--|
| CFM            | EWB | 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 | Capacity MBtuh |      | Total System KW |       |      |  |
|                |     | Total                                     | Sens  |                 | Total          | Sens         |                 | Total          | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 | Total          | Sens          |                 | Total          | Sens |                 | Total | Sens |  |
| 965            | 57  | 31.49                                     | 31.49 | 2.22            | 30.30          | 30.30        | 2.49            | 29.02          | 29.02 | 2.78            | 27.63          | 27.63 | 3.12            | 26.10          | 26.10 | 3.51            | 24.40          | 24.40         | 3.96            |                |      |                 |       |      |  |
|                | 62  | 32.49                                     | 27.41 | 2.21            | 30.96          | 26.74        | 2.48            | 29.34          | 26.03 | 2.78            | 27.64          | 27.57 | 3.12            | 26.10          | 26.10 | 3.51            | 24.40          | 24.40         | 3.97            |                |      |                 |       |      |  |
|                | 63  | 33.19                                     | 22.28 | 2.21            | 31.62          | 21.62        | 2.48            | 29.95          | 20.92 | 2.78            | 28.14          | 20.18 | 3.12            | 26.19          | 19.39 | 3.52            | 24.04          | 18.53         | 3.97            |                |      |                 |       |      |  |
|                | 67  | 36.14                                     | 23.21 | 2.21            | 34.45          | 22.54        | 2.47            | 32.65          | 21.84 | 2.77            | 30.72          | 21.10 | 3.10            | 28.62          | 20.30 | 3.49            | 26.31          | 19.44         | 3.94            |                |      |                 |       |      |  |
|                | 72  | 40.19                                     | 19.02 | 2.21            | 38.34          | 18.36        | 2.46            | 36.37          | 17.67 | 2.75            | 34.25          | 16.93 | 3.08            | 31.95          | 16.14 | 3.46            | 29.40          | 15.29         | 3.90            |                |      |                 |       |      |  |
| 1100           | 57  | 33.04                                     | 33.04 | 2.24            | 31.76          | 31.76        | 2.50            | 30.39          | 30.39 | 2.80            | 28.90          | 28.90 | 3.13            | 27.27          | 27.27 | 3.52            | 25.45          | 25.45         | 3.97            |                |      |                 |       |      |  |
|                | 62  | 33.42                                     | 29.57 | 2.23            | 31.85          | 28.86        | 2.50            | 30.39          | 30.39 | 2.80            | 28.90          | 28.90 | 3.13            | 27.27          | 27.27 | 3.52            | 25.45          | 25.45         | 3.97            |                |      |                 |       |      |  |
|                | 63  | 34.05                                     | 23.76 | 2.23            | 32.40          | 23.08        | 2.50            | 30.64          | 22.37 | 2.80            | 28.77          | 21.61 | 3.14            | 26.73          | 20.81 | 3.53            | 24.50          | 19.92         | 3.99            |                |      |                 |       |      |  |
|                | 67  | 37.06                                     | 24.78 | 2.23            | 35.29          | 24.10        | 2.49            | 33.40          | 23.38 | 2.78            | 31.39          | 22.62 | 3.12            | 29.20          | 21.81 | 3.51            | 26.79          | 20.93         | 3.95            |                |      |                 |       |      |  |
|                | 72  | 41.21                                     | 20.03 | 2.23            | 39.26          | 19.35        | 2.48            | 37.19          | 18.64 | 2.77            | 34.96          | 17.88 | 3.10            | 32.54          | 17.07 | 3.48            | 29.89          | 16.19         | 3.92            |                |      |                 |       |      |  |

PGD5, PGS560 EXTENDED COOLING PERFORMANCE – HIGH COOL

| EVAPORATOR AIR |     | CONDENSER ENTERING AIR TEMPERATURES deg F |       |                 |                |       |                 |                |       |                 |                |       |                 |                |       |                 |                |       |                 |      |
|----------------|-----|-------------------------------------------|-------|-----------------|----------------|-------|-----------------|----------------|-------|-----------------|----------------|-------|-----------------|----------------|-------|-----------------|----------------|-------|-----------------|------|
| CFM            | EWB | 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 |      |
|                |     | Total                                     | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 |      |
| 2000           |     | 57                                        | 58.24 | 58.24           | 4.41           | 55.10 | 55.10           | 4.84           | 54.80 | 54.80           | 4.69           | 52.40 | 52.40           | 46.70          | 46.70 | 6.40            | 42.90          | 42.90 | 7.02            |      |
|                |     | 62                                        | 58.46 | 54.46           | 4.42           | 55.79 | 55.79           | 4.84           | 55.36 | 55.36           | 4.69           | 52.73 | 52.73           | 46.94          | 46.94 | 6.40            | 43.20          | 43.20 | 7.02            |      |
|                |     | 63                                        | 59.23 | 43.33           | 4.42           | 56.27 | 42.07           | 4.85           | 55.68 | 41.83           | 4.69           | 52.48 | 40.49           | 5.22           | 45.80 | 37.74           | 6.37           | 41.56 | 36.02           | 6.97 |
|                |     | 67                                        | 63.56 | 44.86           | 4.50           | 60.35 | 43.59           | 4.92           | 56.88 | 42.24           | 5.38           | 56.62 | 42.14           | 5.33           | 48.97 | 39.21           | 6.44           | 44.37 | 37.49           | 7.05 |
|                |     | 72                                        | 69.55 | 35.33           | 4.59           | 66.01 | 34.07           | 5.02           | 62.20 | 32.73           | 5.48           | 58.07 | 31.30           | 5.99           | 53.51 | 29.74           | 6.54           | 48.46 | 28.03           | 7.15 |
| 1750           |     | 57                                        | 56.01 | 56.01           | 4.29           | 53.76 | 53.76           | 4.72           | 51.30 | 51.30           | 5.19           | 50.80 | 50.80           | 45.20          | 45.20 | 6.27            | 41.70          | 41.70 | 6.89            |      |
|                |     | 62                                        | 57.19 | 50.62           | 4.31           | 54.45 | 49.37           | 4.73           | 51.51 | 48.01           | 5.19           | 50.93 | 47.74           | 5.08           | 45.50 | 45.50           | 6.27           | 41.99 | 41.99           | 6.89 |
|                |     | 63                                        | 58.18 | 40.75           | 4.32           | 55.35 | 39.51           | 4.74           | 52.28 | 38.20           | 5.20           | 51.66 | 37.95           | 5.10           | 45.27 | 35.27           | 6.26           | 41.16 | 33.59           | 6.87 |
|                |     | 67                                        | 62.48 | 42.11           | 4.39           | 59.41 | 40.86           | 4.81           | 57.00 | 39.90           | 5.18           | 55.71 | 39.39           | 5.21           | 48.47 | 36.58           | 6.34           | 44.00 | 34.88           | 6.94 |
|                |     | 72                                        | 68.41 | 33.69           | 4.48           | 65.01 | 32.46           | 4.91           | 61.35 | 31.14           | 5.37           | 57.37 | 29.72           | 5.88           | 52.97 | 28.19           | 6.44           | 48.09 | 26.53           | 7.04 |

PGD5, PGS560 EXTENDED COOLING PERFORMANCE – LOW COOL

| EVAPORATOR AIR |     | CONDENSER ENTERING AIR TEMPERATURES deg F |       |                 |                |       |                 |                |       |                 |                |       |                 |                |       |                 |                |      |                 |
|----------------|-----|-------------------------------------------|-------|-----------------|----------------|-------|-----------------|----------------|-------|-----------------|----------------|-------|-----------------|----------------|-------|-----------------|----------------|------|-----------------|
| CFM            | EWB | 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 |
|                |     | Total                                     | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 | Total          | Sens  |                 | Total          | Sens |                 |
| 1200           | 57  | 39.88                                     | 39.88 | 2.70            | 38.34          | 38.34 | 3.04            | 36.64          | 36.64 | 3.43            | 34.74          | 34.74 | 3.87            | 31.90          | 31.90 | 29.70           | 29.70          | 4.94 |                 |
|                | 62  | 40.94                                     | 35.96 | 2.69            | 39.01          | 35.09 | 3.04            | 36.90          | 34.14 | 3.43            | 34.90          | 34.90 | 3.87            | 32.60          | 32.60 | 30.16           | 30.16          | 4.94 |                 |
|                | 63  | 41.76                                     | 29.14 | 2.69            | 39.78          | 28.27 | 3.04            | 37.61          | 27.34 | 3.42            | 35.23          | 26.33 | 3.87            | 32.61          | 25.22 | 29.69           | 24.04          | 4.96 |                 |
|                | 67  | 45.04                                     | 30.17 | 2.68            | 42.87          | 29.29 | 3.02            | 40.50          | 28.35 | 3.40            | 37.91          | 27.31 | 3.84            | 35.04          | 26.21 | 31.84           | 25.00          | 4.90 |                 |
|                | 72  | 49.59                                     | 24.40 | 2.68            | 47.18          | 23.52 | 3.01            | 44.52          | 22.56 | 3.38            | 41.68          | 21.55 | 3.80            | 38.47          | 20.43 | 34.93           | 19.21          | 4.84 |                 |
| 1370           | 57  | 41.69                                     | 41.69 | 2.72            | 40.00          | 40.00 | 3.07            | 37.90          | 37.90 | 3.45            | 35.45          | 35.45 | 3.89            | 33.62          | 33.62 | 30.90           | 30.90          | 4.95 |                 |
|                | 62  | 41.98                                     | 38.83 | 2.72            | 40.02          | 40.02 | 3.07            | 38.18          | 38.18 | 3.45            | 36.13          | 36.13 | 3.89            | 33.82          | 33.82 | 31.19           | 31.19          | 4.95 |                 |
|                | 63  | 42.72                                     | 31.09 | 2.72            | 40.63          | 30.20 | 3.07            | 38.35          | 29.24 | 3.45            | 35.86          | 28.21 | 3.89            | 33.13          | 27.09 | 30.10           | 25.87          | 4.98 |                 |
|                | 67  | 46.03                                     | 32.23 | 2.72            | 43.75          | 31.34 | 3.05            | 41.27          | 30.36 | 3.43            | 38.55          | 29.32 | 3.86            | 35.56          | 28.18 | 32.25           | 26.93          | 4.92 |                 |
|                | 72  | 50.62                                     | 25.68 | 2.71            | 48.09          | 24.78 | 3.04            | 45.37          | 23.83 | 3.41            | 42.32          | 22.77 | 3.83            | 39.01          | 21.64 | 35.34           | 20.40          | 4.86 |                 |

\* 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:

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

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

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

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

4. The SHC is based on 80°F Edb temperature of air entering evaporator coil.

Below 80°F Edb, subtract (corr factor x cfm) from SHC.

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

UNIT DIMENSIONS – PGD5, PGS524

| UNITS | ELECTRICAL CHARACTERISTICS | UNIT WT.<br>LB KG | UNIT HEIGHT IN/MM<br>"A" | CENTER OF GRAVITY IN/MM |              |              |
|-------|----------------------------|-------------------|--------------------------|-------------------------|--------------|--------------|
|       |                            |                   |                          | X                       | Y            | Z            |
| 24    | 208/230-1-60               | 428 194.0         | 44-3/4 1136.7            | 19-3/4 501.7            | 14-3/4 374.7 | 16-5/8 422.3 |

| UNITS | VOLTAGE | CORNER WEIGHT LB/KG |           |            |
|-------|---------|---------------------|-----------|------------|
|       |         | "1"                 | "2"       | "3"        |
| 24    | 208/230 | 85.6 38.8           | 68.4 31.1 | 102.7 46.6 |

**REQUIRED CLEARANCES NO COMBUSTIBLE WALL**

INCHES (MM)

TOP OF UNIT.....12 (305.8)  
DUCT SIDE OF UNIT.....2 (50.8)  
SIDE OPPOSITE DUCTS.....14 (355.6)  
BOTTOM OF UNIT.....0 (0.0)  
ELECTRICAL PANEL.....36 (914.4)

**NEC REQUIRED CLEARANCES**

INCHES (MM)

BETWEEN UNITS, POWER ENTRY SIDE.....42 (1066.8)  
UNIT AND UNGROUNDED SURFACES, POWER ENTRY SIDE.....36 (914.0)  
BETWEEN UNITS, POWER ENTRY SIDE, OTHER GROUNDED SURFACES, POWER ENTRY SIDE.....42 (1066.8)

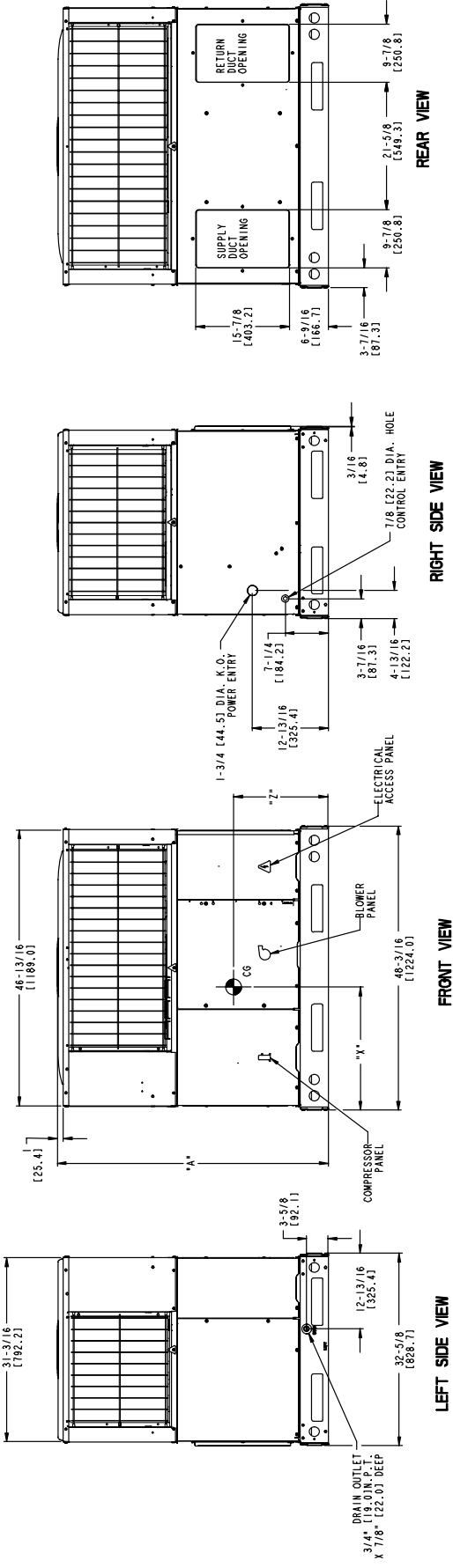
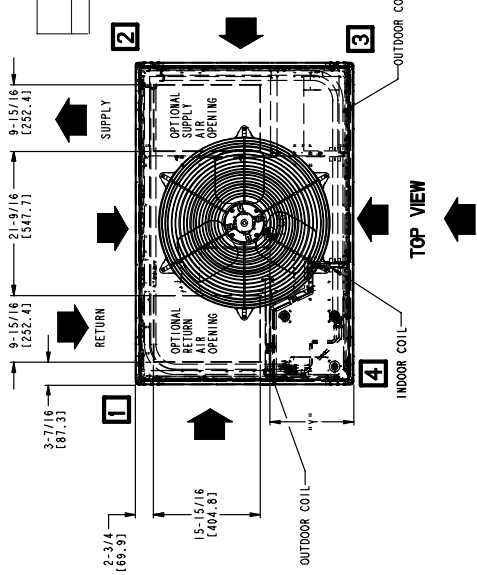
**REQUIRED CLEARANCE FOR OPERATION AND SERVICING**

INCHES (MM)

EVAP. COIL ACCESS SIDE.....38 (964.0)  
POWER ENTRY SIDE.....42 (1066.8)  
(EXCEPT FOR NEC REQUIREMENTS)  
UNIT TOP, OPPOSITE DUCTS.....48 (1219.2)  
DUCT PANEL.....12 (304.8)\*

\*MINIMUM DISTANCES: IF UNIT IS PLACED LESS THAN 12 (304.8) FROM WALL SYSTEM, THEN SYSTEM PERFORMANCE MAY BE COMPROMISED.

DIMENSIONS IN [ ] ARE IN MILLIMETERS



| UNITS | ELECTRICAL CHARACTERISTICS | UNIT WT. |       | UNIT HEIGHT IN/MM |        | CENTER OF GRAVITY IN/MM |       |                           |
|-------|----------------------------|----------|-------|-------------------|--------|-------------------------|-------|---------------------------|
|       |                            | LB       | KG    | "A"               | X      | Y                       | Z     |                           |
| 36    | 208/230-1-60               | 492      | 223.3 | 48-3/4            | 1238.3 | 19-1/2                  | 495.3 | 16-1/2 419.1 16-5/8 422.3 |
| 48    | 208/230-1-60               | 520      | 236.0 | 50-3/4            | 1289.1 | 19-1/2                  | 495.3 | 16-1/2 419.1 17-5/8 447.7 |
| 60    | 208/230-1-60               | 563      | 255.5 | 54-3/4            | 1390.7 | 19-1/2                  | 495.3 | 16-1/2 419.1 18 457.2     |

| UNITS | VOLTAGE | CORNER WEIGHT LB/KG |      |      |      |
|-------|---------|---------------------|------|------|------|
|       |         | "1"                 | "2"  | "3"  | "4"  |
| 36    | 208/230 | 98.4                | 44.7 | 78.8 | 35.8 |
| 48    | 208/230 | 104.0               | 47.2 | 83.2 | 37.8 |
| 60    | 208/230 | 112.6               | 51.1 | 90.1 | 40.9 |

REQUIRED CLEARANCES NO COMBUSTIBLE MAIL

| INCHES (MM)      |            |
|------------------|------------|
| TOP OF UNIT      | 14 (355.6) |
| DUCT ACCESS      | 2 (50.8)   |
| DUCT ACCESS      | 2 (50.8)   |
| BOTTOM OF UNIT   | 0 (0.0)    |
| ELECTRICAL PANEL | 36 (914.4) |

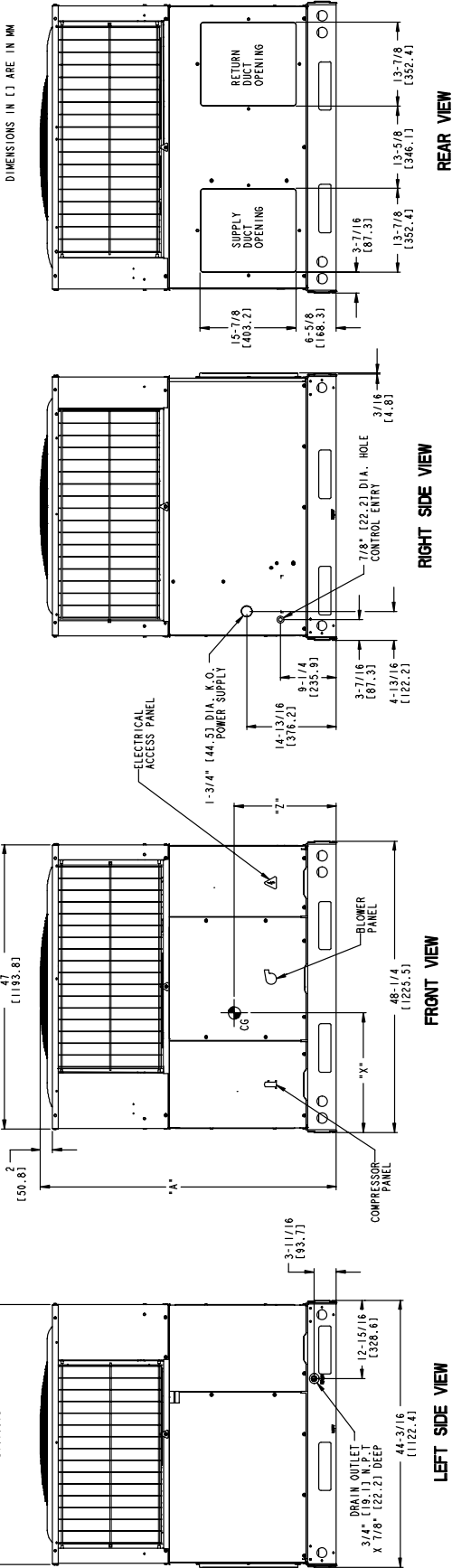
NEC REQUIRED CLEARANCES

| INCHES (MM)                                                                    |             |
|--------------------------------------------------------------------------------|-------------|
| BETWEEN UNITS, POWER ENTRY SIDE                                                | 42 (1066.8) |
| UNIT AND UNGROUND SURFACES, POWER ENTRY SIDE                                   | 36 (914.0)  |
| UNIT AND BLOCK OR CONCRETE WALLS AND OTHER GROUNDED SURFACES, POWER ENTRY SIDE | 42 (1066.8) |

REQUIRED CLEARANCE FOR OPERATION AND SERVICING

| INCHES (MM)                               |             |
|-------------------------------------------|-------------|
| EVP, COIL ACCESS SIDE                     | 36 (914.0)  |
| DUCT ACCESS                               | 42 (1066.8) |
| DUCT ACCESS (EXCEPT FOR NEC REQUIREMENTS) | 42 (1066.8) |
| UNIT TOP                                  | 48 (1219.2) |
| SIDE OPPOSITE DUCTS                       | 36 (914.0)  |
| DUCT PANEL                                | 12 (304.8)  |

\*MINIMUM DISTANCES: IF UNIT IS PLACED LESS THAN 12 (304.8) FROM WALL SYSTEM, THEN SYSTEM PERFORMANCE MAYBE COMPROMISED.



# CONNECTION WIRING DIAGRAM

DANGER: ELECTRICAL SHOCK HAZARD DISCONNECT POWER BEFORE SERVICING

## NOTES:

1. IF ANY OF THE ORIGINAL WIRES FURNISHED ARE REPLACED, THEY MUST BE REPLACED WITH TYPE 90 DEG C WIRE OR ITS EQUIVALENT
2. USE 75 DEG. COPPER CONDUCTORS FOR FIELD INSTALLATION.
3. SEE INSTALLATION INSTRUCTIONS FOR PROPER HEATING AND COOLING CONNECTIONS FOR YOUR UNIT. INDOOR FAN MOTOR PLUGS - "DO NOT DISCONNECT UNDER LOAD"
4. ON SOME MODELS LS1 AND LS2 ARE WIRED IN SERIES. ON OTHER MODELS ONLY LS1 USED.
5. INDUCER CAPACITOR AND WIRING ON CERTAIN MODELS ONLY. IF CAP2 IS PRESENT, YELLOW WIRES FROM IGC AND IDM CONNECT ON SAME SIDE OF CAP2.
6. THIS FUSE IS MANUFACTURED BY LITTLEFUSE, P/N 257003.
7. THIS FUSE IS MANUFACTURED BY LITTLEFUSE, P/N 257005.

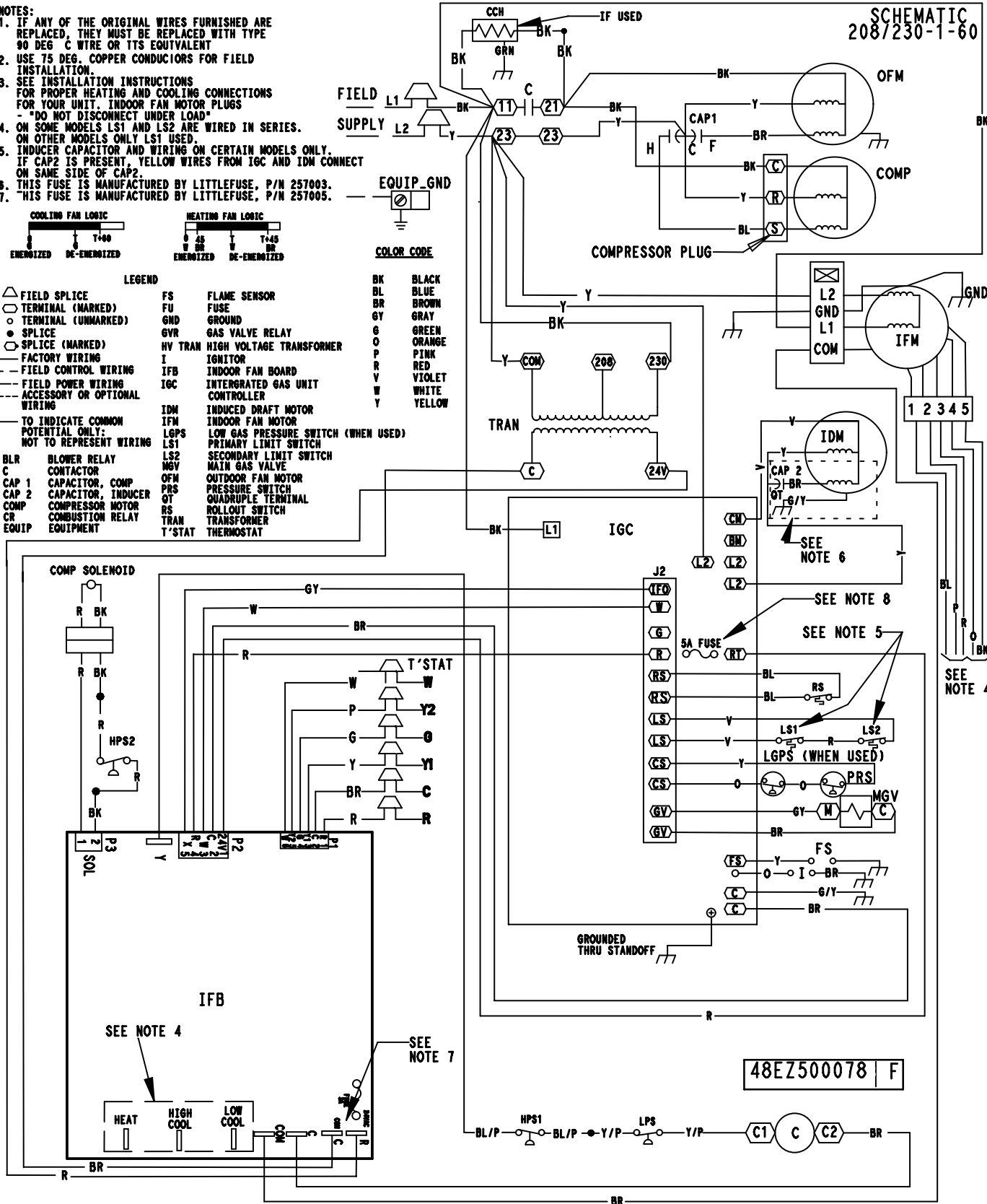


## COLOR CODE

|     |        |
|-----|--------|
| BK  | BLACK  |
| BL  | BLUE   |
| BR  | BROWN  |
| GY  | GRAY   |
| GRN | GREEN  |
| OR  | ORANGE |
| P   | PINK   |
| R   | RED    |
| V   | VIOLET |
| W   | WHITE  |
| Y   | YELLOW |

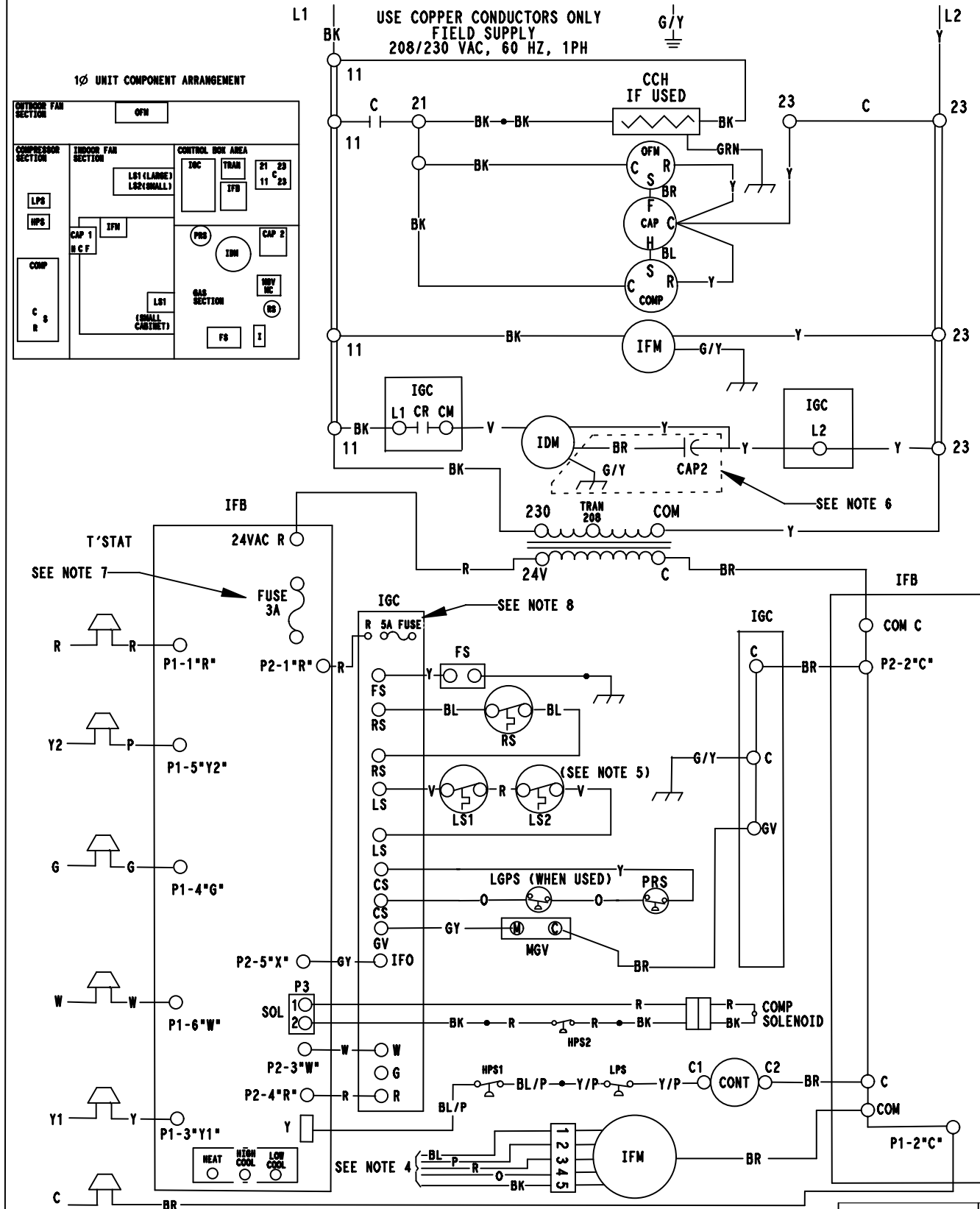
## LEGEND

|       |                                                            |         |                                     |
|-------|------------------------------------------------------------|---------|-------------------------------------|
| △     | FIELD SPICE                                                | FS      | FLAME SENSOR                        |
| ○     | TERMINAL (MARKED)                                          | FU      | FUSE                                |
| ○     | TERMINAL (UNMARKED)                                        | GND     | GROUND                              |
| ●     | SPLICE                                                     | GVR     | GAS VALVE RELAY                     |
| ○     | SPLICE (MARKED)                                            | HV TRAN | HIGH VOLTAGE TRANSFORMER            |
| ---   | FACTORY WIRING                                             | I       | IGNITOR                             |
| ---   | FIELD CONTROL WIRING                                       | IFB     | INDOOR FAN BOARD                    |
| ---   | FIELD POWER WIRING                                         | IGC     | INTERGRATED GAS UNIT CONTROLLER     |
| ---   | ACCESSORY OR OPTIONAL WIRING                               | IDM     | INDUCED DRAFT MOTOR                 |
| ---   | TO INDICATE COMMON POTENTIAL ONLY: NOT TO REPRESENT WIRING | IFM     | INDOOR FAN MOTOR                    |
| BLR   | BLOWER RELAY                                               | LGPS    | LOW GAS PRESSURE SWITCH (WHEN USED) |
| C     | CONTACTOR                                                  | LS1     | PRIMARY LIMIT SWITCH                |
| CAP 1 | CAPACITOR, COMP                                            | LS2     | SECONDARY LIMIT SWITCH              |
| CAP 2 | CAPACITOR, INDUCER                                         | MGV     | MAIN GAS VALVE                      |
| COMP  | COMPRESSOR MOTOR                                           | PR      | PRESSURE SWITCH                     |
| CR    | COMBUSTION RELAY                                           | QT      | QUADRUPEL TERMINAL                  |
| EQUIP | EQUIPMENT                                                  | RS      | ROLLOUT SWITCH                      |
|       |                                                            | TRAN    | TRANSFORMER                         |
|       |                                                            | T'STAT  | THERMOSTAT                          |



# LADDER WIRING DIAGRAM

DANGER: ELECTRICAL SHOCK HAZARD DISCONNECT POWER BEFORE SERVICING



48EZ500078

F



**Operating sequence**

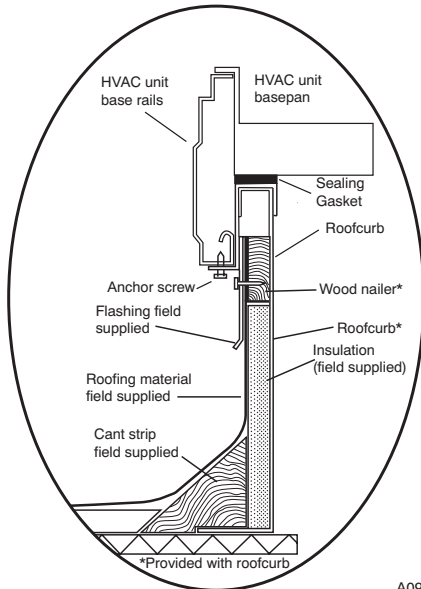
**Heating** – On a call for heating, terminal “W” of the thermostat is energized, starting the induced-draft motor. When the pressure switch senses that the induced-draft motor is moving sufficient combustion air, the burner sequence begins. This function is performed by the integrated gas unit controller (IGC). The indoor (evaporator)-fan motor is energized 45 sec after flame is established. When the thermostat is satisfied and W is de-energized, the burners stop firing and the indoor (evaporator) fan motor shuts off after a 45-sec time-off delay.

**Cooling Operation** – With a call for first stage cooling, the outdoor fan and low-stage compressor are energized. If low-stage cannot satisfy cooling demand, high-stage is energized by the thermostat. After second stage is satisfied, the unit returns to low-stage operation until first stage is satisfied or until second stage is required again. When both first stage and second stage cooling are satisfied, the compressor will shut off.

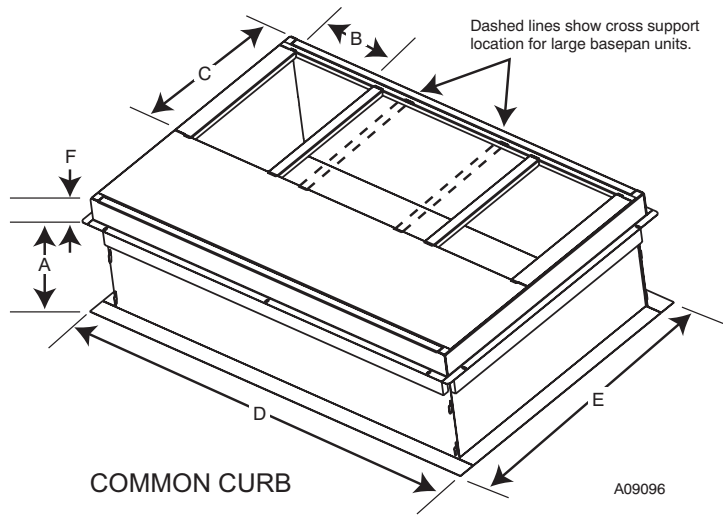
**NOTE:** When two-stage unit is operating at low stage, system vapor (suction) pressure will be higher than a standard single-stage system or high-stage operation.

## ACCESSORIES

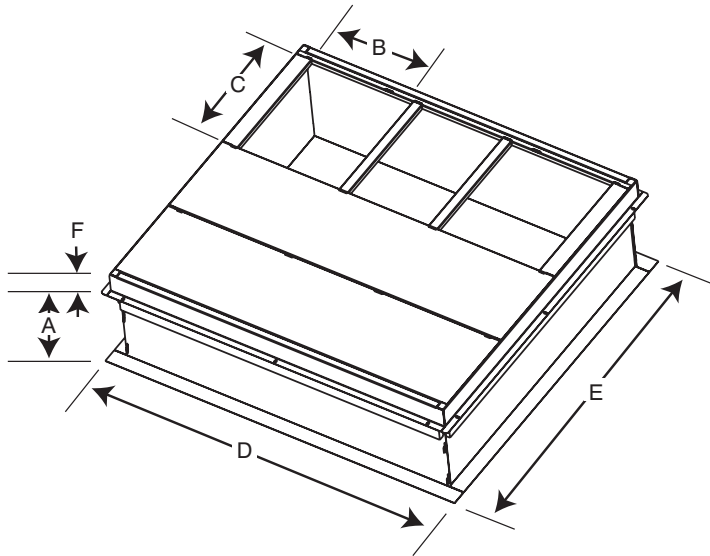
### ROOF CURBS



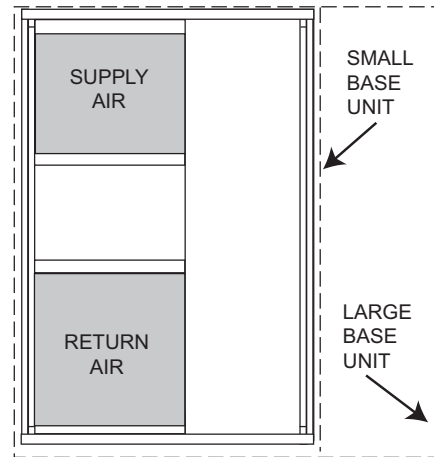
ROOF CURB DETAIL



COMMON CURB



LARGE CURB



UNIT PLACEMENT ON  
COMMON CURB

SMALL OR LARGE BASE UNIT

| UNIT SIZE      | CATALOG NUMBER | A<br>IN. (mm) | B (small base)<br>IN. (mm)* | B (large base)<br>IN. (mm)* | C<br>IN. (mm) | D<br>IN. (mm) | E<br>IN. (mm) | F<br>IN. (mm) |  |             |
|----------------|----------------|---------------|-----------------------------|-----------------------------|---------------|---------------|---------------|---------------|--|-------------|
| Small or Large | CPRFCURB010A00 | 11 (279)      | 10 (254)                    | 14 (356)                    | 16 (406)      | 47.8 (1214)   | 32.4 (822)    | 2.7 (69)      |  |             |
|                | CPRFCURB011A00 | 14 (356)      |                             |                             |               |               |               |               |  |             |
| Large          | CPRFCURB012A00 | 11 (279)      | 14 (356)                    |                             |               |               |               |               |  | 43.9 (1116) |
|                | CPRFCURB013A00 | 14 (356)      |                             |                             |               |               |               |               |  |             |

\* Part Numbers CPRFCURB010A00 and CPRFCURB011A00 can be used on both small and large basepan units. The cross supports must be located based on whether the unit is a small basepan or a large basepan.

**NOTES:**

1. Roof curb must be set up for unit being installed.
2. Seal strip must be applied, as required, to unit being installed.
3. Roof curb is made of 16-gauge steel.
4. Attach ductwork to curb (flanges of duct rest on curb).
5. Insulated panels: 1-in. (25.4 mm) thick fiberglass 1 lb. density.

| PGD5, PGS5 ACCESSORIES (Continued)                                                                                                     |                                                                                                                                                                              |            |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Accessory Model Number                                                                                                                 | Description                                                                                                                                                                  | Use With   |
| CURBS                                                                                                                                  |                                                                                                                                                                              |            |
| CPRFCURB010A00                                                                                                                         | Roof Curb, 11" High                                                                                                                                                          | 24 – 60    |
| CPRFCURB011A00                                                                                                                         | Roof Curb, 14" High                                                                                                                                                          | 24 – 60    |
| CPRFCURB012A00                                                                                                                         | Roof Curb, 11" High                                                                                                                                                          | 36 – 60    |
| CPRFCURB013A00                                                                                                                         | Roof Curb, 14" High                                                                                                                                                          | 36 – 60    |
| Note: CPRFCURB010A00 AND CPRFCURB011A00 can be used with 36–60 size units with some overhang.                                          |                                                                                                                                                                              |            |
| ADAPTER CURBS*                                                                                                                         |                                                                                                                                                                              |            |
| CPADCURB001A00                                                                                                                         | Adapter curb for use with NPRFCURB006A00 & NPRFCURB007A00                                                                                                                    | 24         |
| CPADCURB002A00                                                                                                                         | Adapter curb for use with NPRFCURB008A00 & NPRFCURB009A00                                                                                                                    | 36 – 60    |
| * Can also be used when replacing other manufacturer's older generation units that contain a composite base without a metal base rail. |                                                                                                                                                                              |            |
| CONCENTRIC ADAPTERS – (Use with curb only)                                                                                             |                                                                                                                                                                              |            |
| NPCONADP001A00                                                                                                                         | For 18" round duct (use with curbs CPRFCURB010A00, CPRFCURB011A00)                                                                                                           | Small Curb |
| NPCONADP002A00                                                                                                                         | For 18" round duct (use with curbs CPRFCURB012A00, CPRFCURB013A00)                                                                                                           | Large Curb |
| CONCENTRIC DIFFUSERS – (Ceiling or under roof)                                                                                         |                                                                                                                                                                              |            |
| AXB020CSA*                                                                                                                             | Step Down Diffuser – Fits 2' x 4' Ceiling Grid (16" round collars for flex conn.)                                                                                            | 24 – 42    |
| AXB020CFA*                                                                                                                             | Flush Mount Diffuser – Fits 2' x 4' Ceiling Grid (16" round collars for flex conn.)                                                                                          | 24 – 42    |
| AXB030CSA                                                                                                                              | Step Down Diffuser – Fits 2' x 4' Ceiling Grid (18" round collars for flex conn.)                                                                                            | 24 – 60    |
| AXB030CFA                                                                                                                              | Flush Mount Diffuser – Fits 2' x 4' Ceiling Grid (18" round collars for flex conn.)                                                                                          | 24 – 60    |
| * A field supplied 18" to 16" round reducer required when used with NP concentric adaptor                                              |                                                                                                                                                                              |            |
| DAMPERS                                                                                                                                |                                                                                                                                                                              |            |
| CPMANDPR007A00                                                                                                                         | Manual Outside Air Damper – (Includes filter rack and 1" filter, same as CPFILTRK kit)                                                                                       | 24         |
| CPMANDPR008A00                                                                                                                         |                                                                                                                                                                              | 36         |
| CPMANDPR009A00                                                                                                                         |                                                                                                                                                                              | 48, 60     |
| INTERNAL FILTER RACKS                                                                                                                  |                                                                                                                                                                              |            |
| CPFILTRK007A00                                                                                                                         | Internal Filter Rack (includes 1–inch filters)                                                                                                                               | 24         |
| CPFILTRK008A00                                                                                                                         |                                                                                                                                                                              | 36         |
| CPFILTRK009A00                                                                                                                         |                                                                                                                                                                              | 48, 60     |
| LOW AMBIENT, ANTI-CYCLE, COMPRESSOR START ASSIST                                                                                       |                                                                                                                                                                              |            |
| CPLOWAMB001A00                                                                                                                         | Low Ambient Control – enables cooling system to operate down to 0 Deg. F by cycling condenser fan on and off.                                                                | ALL        |
| NRTIMEGD001A00                                                                                                                         | Five Minute Compressor Delay                                                                                                                                                 | ALL        |
| CPHSTART002A00                                                                                                                         | PTC Compressor Start Assist Kit                                                                                                                                              | ALL        |
| GAS CONVERSION KITS                                                                                                                    |                                                                                                                                                                              |            |
| NPLPCONV013A00                                                                                                                         | Natural to LP Conversion Kit ( 0 – 2000' )                                                                                                                                   | ALL        |
| NPLPCONV014A00                                                                                                                         | Natural to LP Conversion Kit ( 2001' – 6000' )                                                                                                                               | ALL        |
| NPNGCONV004A00                                                                                                                         | LP to Natural Gas Conversion Kit ( 0 – 2000' )                                                                                                                               | ALL        |
| FLUE DISCHARGE DEFLECTOR                                                                                                               |                                                                                                                                                                              |            |
| NRFLUEDS001A00                                                                                                                         | Directs flue gas exhaust 90 degrees upward from current discharge. Designed to allow tighter distances between unit and combustible surfaces. 24 inch Height. AGA certified. | ALL        |
| DUCT TRANSITIONS                                                                                                                       |                                                                                                                                                                              |            |
| NPDUCFLG002A00                                                                                                                         | Square to Round (1 set of 2, use with horizontal duct flanges only)                                                                                                          | 24–48      |
| HAIL GUARDS / COIL PROTECTION (Factory installed on PGS models)                                                                        |                                                                                                                                                                              |            |
| NAPA00701GR                                                                                                                            | 3/8" spacing dense wire grilles                                                                                                                                              | 24         |
| NAPA01001GR                                                                                                                            | 3/8" spacing dense wire grilles                                                                                                                                              | 36         |
| NAPA01101GR                                                                                                                            | 3/8" spacing dense wire grilles                                                                                                                                              | 48         |
| NAPA01301GR                                                                                                                            | 3/8" spacing dense wire grilles                                                                                                                                              | 60         |