

### 13 SEER PACKAGE GAS / ELECTRIC UNIT (Single Phase) 2 to 5 TON

#### REFRIGERATION CIRCUIT

- All models are equipped with high efficiency Copeland scroll compressor, 4 & 5 ton have two-stage scroll compressors.
- Thermostat Expansion Valve (TXV) controls refrigerant flow.
- High Efficiency indoor motors on all models.
- Factory charged with R-22 refrigerant.

#### BUILT TO LAST

- Aluminized serpentine clamshell heat exchanger.
- Galvanized-painted cabinet. One piece weather resistant top. Access panels for easy service. Side by side supply and return. Heavy gauge base rails.
- Triple-coated steel, consisting of a Polyester top coat, a urethane primer coat preceded by an oxide pretreatment.
- Integral base rails with fork-lift access. Holes provided for lifting lugs makes rooftop installation easier.
- The condenser coil has a sturdy wire inlet grille and UV rated vinyl mesh installed on the surface of the coil for additional protection.
- Drawn fan orifice and swept fan blades on most models for quieter operation.



#### EASY TO INSTALL AND SERVICE

- Combination gas heating and electric cooling, self contained for year-round comfort. Systems installed on rooftop or ground level. The unit is shipped in the horizontal position and can easily be converted to downflow.
- Externally-mounted gauge ports allow for more accurate reading of operating conditions while servicing.
- Electrical and gas controls located behind one exterior panel for easier maintenance.
- Adjustable electronic fan control with optional low speed continuous fan feature responds quickly to circulate heated air and provide maximum comfort.

#### WARRANTY\*

- 15 Year heat exchanger limited warranty
- 5 year parts limited warranty (including compressor and coil)

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



#### UNIT PERFORMANCE DATA (1 Phase - 60 Hz)

| Model Number  | COOLING             |         | HEATING      |                    | Voltage-Phas-Hz | Unit Dimensions<br>H x W x L | Ship Weight |
|---------------|---------------------|---------|--------------|--------------------|-----------------|------------------------------|-------------|
|               | Rated Capacity BTUH | S.E.E.R | Input (BTUH) | Efficiency (AFUE%) |                 |                              |             |
| PGF324040K0*A | 23,000              | 13.2    | 40,000       | 80.0               | 208/230-1-60    | 29-1/2 X 47-1/2 X 47-1/2     | 343         |
| PGF324060K0*A | 23,000              | 13.2    | 60,000       | 79.6               | 208/230-1-60    | 29-1/2 X 47-1/2 X 47-1/2     | 353         |
| PGF330060K0*A | 28,600              | 13.2    | 60,000       | 79.6               | 208/230-1-60    | 37-1/2 X 47-1/2 X 47-1/2     | 332         |
| PGF330080K0*A | 28,600              | 13.2    | 80,000       | 80.0               | 208/230-1-60    | 37-1/2 X 47-1/2 X 47-1/2     | 337         |
| PGF336060K0*A | 35,000              | 13.2    | 60,000       | 79.6               | 208/230-1-60    | 37-1/2 X 47-1/2 X 47-1/2     | 348         |
| PGF336080K0*A | 35,000              | 13.2    | 80,000       | 80.0               | 208/230-1-60    | 37-1/2 X 47-1/2 X 47-1/2     | 354         |
| PGF336100K0*A | 35,000              | 13.2    | 100,000      | 78.5               | 208/230-1-60    | 37-1/2 X 47-1/2 X 47-1/2     | 356         |
| PGF342080K0*A | 40,000              | 13.2    | 80,000       | 79.8               | 208/230-1-60    | 37-1/2 X 47-1/2 X 47-1/2     | 450         |
| PGF342100K0*A | 40,000              | 13.2    | 100,000      | 78.6               | 208/230-1-60    | 37-1/2 X 47-1/2 X 47-1/2     | 455         |
| PGF348080K0*A | 44,500              | 13.2    | 80,000       | 80.0               | 208/230-1-60    | 37-1/2 X 47-1/2 X 51         | 535         |
| PGF348120K0*A | 44,500              | 13.2    | 120,000      | 80.0               | 208/230-1-60    | 37-1/2 X 47-1/2 X 51         | 540         |
| PGF354100K0*A | 53,000              | 13.2    | 100,000      | 80.0               | 208/230-1-60    | 37-1/2 X 47-1/2 X 51         | 560         |
| PGF354140K0*A | 53,000              | 13.2    | 140,000      | 79.2               | 208/230-1-60    | 37-1/2 X 47-1/2 X 51         | 565         |

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

## UNIT SPECIFICATIONS

| MODEL *<br>NUMBER | Electrical Data                    |                                      |                                | Condenser Data                  |                        |                           |           |                      |                         |                           |               |                 | Sound<br>Ratings<br>(db) |
|-------------------|------------------------------------|--------------------------------------|--------------------------------|---------------------------------|------------------------|---------------------------|-----------|----------------------|-------------------------|---------------------------|---------------|-----------------|--------------------------|
|                   |                                    |                                      |                                | Coil                            |                        |                           | Fan Motor |                      |                         | Fan                       |               |                 |                          |
|                   | 208 / 230<br>Voltage<br>Phase - Hz | Maximum<br>Overcurrent<br>Protection | Minimum<br>Circuit<br>Ampacity | Total Face<br>Area<br>(Sq. Ft.) | Fins Per<br>In. / Rows | Tube<br>Diameter<br>(In.) | HP        | Full<br>Load<br>Amps | Locked<br>Rotor<br>Amps | Size<br>Diameter<br>(In.) | RPM<br>(Max.) | CFM<br>(Design) |                          |
| PGF324040K0*A     | 1-60                               | 25 amps.                             | 18.0                           | 11.19                           | 18 / 2                 | 3/8                       | 1/8       | 0.9                  | 1.6                     | 20                        | 825           | 2100            | 72                       |
| PGF324060K0*A     | 1-60                               | 25 amps.                             | 18.0                           |                                 |                        |                           | 1/8       | 0.9                  | 1.6                     | 20                        | 825           | 2100            | 72                       |
| PGF330060K0*A     | 1-60                               | 30 amps.                             | 22.6                           | 13.5                            | 18 / 2                 | 3/8                       | 1/8       | 0.9                  | 1.6                     | 20                        | 825           | 2100            | 74                       |
| PGF330080K0*A     | 1-60                               | 30 amps.                             | 22.6                           |                                 |                        |                           | 1/8       | 0.9                  | 1.6                     | 20                        | 825           | 2100            | 74                       |
| PGF336060K0*A     | 1-60                               | 40 amps.                             | 25.4                           | 14.6                            | 18 / 2                 | 3/8                       | 1/4       | 1.4                  | 3.7                     | 20                        | 1100          | 2700            | 76                       |
| PGF336080K0*A     | 1-60                               | 40 amps.                             | 25.4                           |                                 |                        |                           | 1/4       | 1.4                  | 3.7                     | 20                        | 1100          | 2700            | 76                       |
| PGF336100K0*A     | 1-60                               | 40 amps.                             | 25.4                           |                                 |                        |                           | 1/4       | 1.4                  | 3.7                     | 20                        | 1100          | 2700            | 76                       |
| PGF342080K0*A     | 1-60                               | 40 amps.                             | 28.1                           | 14.6                            | 18 / 2                 | 3/8                       | 1/4       | 1.4                  | 3.7                     | 20                        | 1100          | 2700            | 78                       |
| PGF342100K0*A     | 1-60                               | 40 amps.                             | 28.1                           |                                 |                        |                           | 1/4       | 1.4                  | 3.7                     | 20                        | 1100          | 2700            | 78                       |
| PGF348080K0*A     | 1-60                               | 50 amps.                             | 35.9                           | 13.5                            | 18 / 2                 | 3/8                       | 1/4       | 1.4                  | 3.7                     | 20                        | 1100          | 3000            | 78                       |
| PGF348120K0*A     | 1-60                               | 50 amps.                             | 35.9                           |                                 |                        |                           | 1/4       | 1.4                  | 3.7                     | 20                        | 1100          | 3000            | 78                       |
| PGF354100K0*A     | 1-60                               | 60 amps.                             | 38.3                           | 14.6                            | 18 / 2                 | 3/8                       | 1/2       | 3.0                  | 6.7                     | 20                        | 1100          | 3400            | 80                       |
| PGF354140K0*A     | 1-60                               | 60 amps.                             | 38.3                           |                                 |                        |                           | 1/2       | 3.0                  | 6.7                     | 20                        | 1100          | 3400            | 80                       |

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| MODEL *<br>NUMBER | Evaporator Coil                 |                        |                        |                |                      |                         |         |              |              | Scroll Compressor     |                         | Refrigerant<br>Charge<br>R-22 (lbs.) | Ship<br>Weight<br>( Lbs./kg. ) |
|-------------------|---------------------------------|------------------------|------------------------|----------------|----------------------|-------------------------|---------|--------------|--------------|-----------------------|-------------------------|--------------------------------------|--------------------------------|
|                   | Coil                            |                        |                        | Blower<br>H.P. | Motor                |                         | Blower  |              |              | Rated<br>Load<br>Amps | Locked<br>Rotor<br>Amps |                                      |                                |
|                   | Total Face<br>Area<br>(Sq. Ft.) | Fins Per<br>In. / Rows | Tube<br>Diam.<br>(In.) |                | Full<br>Load<br>Amps | NO. of<br>Speed<br>Taps | Size    | RPM<br>(Max) | CFM<br>Rated |                       |                         |                                      |                                |
| PGF324040K0*A     | 4.0                             | 14 / 3                 | 3/8                    | 1/2            | 4.1                  | 4                       | 10 x 8  | 1050         | 800          | 10.4                  | 54.0                    | 4.0                                  | 343 / 156                      |
| PGF324060K0*A     | 4.0                             | 14 / 3                 | 3/8                    | 1/2            | 4.1                  | 4                       | 10 x 8  | 1050         | 800          | 10.4                  | 54.0                    | 4.0                                  | 353 / 160                      |
| PGF330060K0*A     | 5.33                            | 14 / 3                 | 3/8                    | 1/2            | 4.1                  | 4                       | 10 x 8  | 1050         | 1000         | 14.1                  | 72.5                    | 5.9                                  | 332 / 151                      |
| PGF330080K0*A     | 5.33                            | 14 / 3                 | 3/8                    | 1/2            | 4.1                  | 4                       | 10 x 8  | 1050         | 1000         | 14.1                  | 72.5                    | 5.9                                  | 337 / 153                      |
| PGF336060K0*A     | 5.33                            | 14 / 3                 | 3/8                    | 3/4            | 6.0                  | 4                       | 11 x 9  | 1050         | 1200         | 14.4                  | 88.0                    | 9.2                                  | 349 / 158                      |
| PGF336080K0*A     | 5.33                            | 14 / 3                 | 3/8                    | 3/4            | 6.0                  | 4                       | 11 x 9  | 1050         | 1200         | 14.4                  | 88.0                    | 9.2                                  | 354 / 160                      |
| PGF336100K0*A     | 5.33                            | 14 / 3                 | 3/8                    | 3/4            | 6.0                  | 4                       | 11 x 9  | 1050         | 1200         | 14.4                  | 88.0                    | 9.2                                  | 356 / 161                      |
| PGF342080K0*A     | 5.33                            | 14 / 4                 | 3/8                    | 3/4            | 6.0                  | 4                       | 11 x 9  | 1050         | 1400         | 16.5                  | 95.0                    | 11.8                                 | 425 / 193                      |
| PGF342100K0*A     | 5.33                            | 14 / 4                 | 3/8                    | 3/4            | 6.0                  | 4                       | 11 x 9  | 1050         | 1400         | 16.5                  | 95.0                    | 11.8                                 | 425 / 193                      |
| PGF348080K0*A     | 5.33                            | 14 / 4                 | 3/8                    | 1.0            | 7.7                  | 4                       | 11 x 10 | 1050         | 1600         | 21.5                  | 116.0                   | 13.0                                 | 498 / 226                      |
| PGF348120K0*A     | 5.33                            | 14 / 4                 | 3/8                    | 1.0            | 7.7                  | 4                       | 11 x 10 | 1050         | 1600         | 21.5                  | 116.0                   | 13.0                                 | 498 / 226                      |
| PGF354100K0*A     | 5.33                            | 14 / 4                 | 3/8                    | 1.0            | 7.7                  | 4                       | 11 x 10 | 1050         | 2000         | 22.1                  | 118.0                   | 13.3                                 | 509 / 231                      |
| PGF354140K0*A     | 5.33                            | 14 / 4                 | 3/8                    | 1.0            | 7.7                  | 4                       | 11 x 10 | 1050         | 2000         | 22.1                  | 118.0                   | 13.3                                 | 509 / 231                      |

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## UNIT PERFORMANCE DATA (1 Phase - 60 Hz)

| Model<br>Number | COOLING                |         |        |           | HEATING         |                       | Voltage-Phase- Hz | Unit Dimensions<br>H x W x L |
|-----------------|------------------------|---------|--------|-----------|-----------------|-----------------------|-------------------|------------------------------|
|                 | Rated<br>Capacity BTUH | S.E.E.R | E.E.R. | S/T Ratio | Input<br>(BTUH) | Efficiency<br>(AFUE%) |                   |                              |
| PGF324040K0*A   | 23,000                 | 13.2    | 11.3   | 0.76      | 40,000          | 80.0                  | 208/230-1-60      | 29-1/2 X 47-1/2 X 47-1/2     |
| PGF324060K0*A   | 23,000                 | 13.2    | 11.3   | 0.76      | 60,000          | 79.6                  | 208/230-1-60      | 29-1/2 X 47-1/2 X 47-1/2     |
| PGF330060K0*A   | 28,600                 | 13.2    | 11.1   | 0.76      | 60,000          | 79.6                  | 208/230-1-60      | 37-1/2 X 47-1/2 X 47-1/2     |
| PGF330080K0*A   | 28,600                 | 13.2    | 11.1   | 0.76      | 80,000          | 80.0                  | 208/230-1-60      | 37-1/2 X 47-1/2 X 47-1/2     |
| PGF336060K0*A   | 35,000                 | 13.2    | 11.3   | 0.76      | 60,000          | 79.6                  | 208/230-1-60      | 37-1/2 X 47-1/2 X 47-1/2     |
| PGF336080K0*A   | 35,000                 | 13.2    | 11.3   | 0.76      | 80,000          | 80.0                  | 208/230-1-60      | 37-1/2 X 47-1/2 X 47-1/2     |
| PGF336100K0*A   | 35,000                 | 13.2    | 11.3   | 0.76      | 100,000         | 78.6                  | 208/230-1-60      | 37-1/2 X 47-1/2 X 47-1/2     |
| PGF342080K0*A   | 40,000                 | 13.2    | 11.0   | 0.76      | 80,000          | 79.8                  | 208/230-1-60      | 37-1/2 X 47-1/2 X 47-1/2     |
| PGF342100K0*A   | 40,000                 | 13.2    | 11.0   | 0.76      | 100,000         | 78.6                  | 208/230-1-60      | 37-1/2 X 47-1/2 X 47-1/2     |
| PGF348080K0*A   | 44,500                 | 13.2    | 10.2   | 0.76      | 80,000          | 80.0                  | 208/230-1-60      | 37-1/2 X 47-1/2 X 51         |
| PGF348120K0*A   | 44,500                 | 13.2    | 10.2   | 0.76      | 120,000         | 80.0                  | 208/230-1-60      | 37-1/2 X 47-1/2 X 51         |
| PGF354100K0*A   | 53,000                 | 13.2    | 9.8    | 0.75      | 100,000         | 80.0                  | 208/230-1-60      | 37-1/2 X 47-1/2 X 51         |
| PGF354140K0*A   | 53,000                 | 13.2    | 9.8    | 0.75      | 140,000         | 79.2                  | 208/230-1-60      | 37-1/2 X 47-1/2 X 51         |

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| PGF3 SERIES HEATING CHART |              |                        |                         |           |                                                |                   |      |                   |      |                   |      |                   |      |                   |      |                   |      |                   |      |                   |  |
|---------------------------|--------------|------------------------|-------------------------|-----------|------------------------------------------------|-------------------|------|-------------------|------|-------------------|------|-------------------|------|-------------------|------|-------------------|------|-------------------|------|-------------------|--|
|                           |              |                        |                         |           | External Static Pressure (in H <sub>2</sub> O) |                   |      |                   |      |                   |      |                   |      |                   |      |                   |      |                   |      |                   |  |
|                           |              |                        |                         |           | .1"                                            |                   | .2"  |                   | .3"  |                   | .4"  |                   | .5"  |                   | .6"  |                   | .7"  |                   | .8"  |                   |  |
| Model                     | Cooling Tons | Heating Input (Btu/hr) | Heating Rise Range (°F) | Speed Tap | CFM                                            | Heating Rise (°F) | CFM  | Heating Rise (°F) | CFM  | Heating Rise (°F) | CFM  | Heating Rise (°F) | CFM  | Heating Rise (°F) | CFM  | Heating Rise (°F) | CFM  | Heating Rise (°F) | CFM  | Heating Rise (°F) |  |
| PGF324040K****            | 2            | 40000                  | 30 - 60                 | 4         | 1211                                           | NA                | 1175 | NA                | 1134 | NA                | 1086 | NA                | 1044 | NA                | 985  | 30                | 841  | 35                | 604  | 49                |  |
|                           |              |                        |                         | 3         | 1136                                           | NA                | 1098 | NA                | 1056 | NA                | 1020 | NA                | 980  | 30                | 920  | 32                | 785  | 38                | 569  | 52                |  |
|                           |              |                        |                         | 2         | 968                                            | 31                | 927  | 32                | 885  | 33                | 859  | 34                | 790  | 37                | 735  | 40                | 657  | 45                | 524  | 57                |  |
|                           |              |                        |                         | 1         | 891                                            | 33                | 845  | 35                | 804  | 37                | 758  | 39                | 707  | 42                | 649  | 46                | 582  | 51                | 509  | 58                |  |
| PGF324060K****            | 2            | 60000                  | 30 - 60                 | 4         | 1211                                           | 37                | 1175 | 38                | 1134 | 39                | 1086 | 41                | 1044 | 43                | 985  | 45                | 841  | 53                | 604  | NA                |  |
|                           |              |                        |                         | 3         | 1136                                           | 39                | 1098 | 40                | 1056 | 42                | 1020 | 44                | 980  | 45                | 920  | 48                | 785  | 57                | 569  | NA                |  |
|                           |              |                        |                         | 2         | 968                                            | 46                | 927  | 48                | 885  | 50                | 859  | 52                | 790  | 56                | 735  | NA                | 657  | NA                | 524  | NA                |  |
|                           |              |                        |                         | 1         | 891                                            | 50                | 845  | 53                | 804  | 55                | 758  | 59                | 707  | NA                | 649  | NA                | 582  | NA                | 509  | NA                |  |
| PGF330060K****            | 2.5          | 60000                  | 30 - 60                 | 4         | 1352                                           | 33                | 1311 | 34                | 1274 | 35                | 1233 | 36                | 1203 | 37                | 1162 | 38                | 1119 | 40                | 1066 | 41                |  |
|                           |              |                        |                         | 3         | 1268                                           | 35                | 1225 | 36                | 1186 | 37                | 1158 | 38                | 1129 | 39                | 1085 | 41                | 1044 | 42                | 1004 | 44                |  |
|                           |              |                        |                         | 2         | 1076                                           | 41                | 1038 | 43                | 997  | 44                | 973  | 45                | 913  | 48                | 875  | 51                | 840  | 53                | 786  | 56                |  |
|                           |              |                        |                         | 1         | 986                                            | 45                | 949  | 47                | 908  | 49                | 856  | 52                | 819  | 54                | 781  | 57                | 717  | NA                | 664  | NA                |  |
| PGF330080K****            | 2.5          | 80000                  | 35 - 65                 | 4         | 1352                                           | 44                | 1311 | 45                | 1274 | 46                | 1233 | 48                | 1203 | 49                | 1162 | 51                | 1119 | 53                | 1066 | 55                |  |
|                           |              |                        |                         | 3         | 1268                                           | 47                | 1225 | 48                | 1186 | 50                | 1158 | 51                | 1129 | 52                | 1085 | 54                | 1044 | 57                | 1004 | 59                |  |
|                           |              |                        |                         | 2         | 1076                                           | 55                | 1038 | 57                | 997  | 59                | 973  | 61                | 913  | 65                | 875  | NA                | 840  | NA                | 786  | NA                |  |
|                           |              |                        |                         | 1         | 986                                            | 60                | 949  | 62                | 908  | 65                | 856  | NA                | 819  | NA                | 781  | NA                | 717  | NA                | 664  | NA                |  |
| PGF336060K****            | 3            | 60000                  | 30 - 60                 | 4         | 1652                                           | NA                | 1607 | NA                | 1574 | NA                | 1541 | NA                | 1500 | NA                | 1462 | 30                | 1426 | 31                | 1384 | 32                |  |
|                           |              |                        |                         | 3         | 1529                                           | NA                | 1484 | 30                | 1440 | 31                | 1402 | 32                | 1364 | 32                | 1326 | 33                | 1284 | 34                | 1238 | 36                |  |
|                           |              |                        |                         | 2         | 1278                                           | 35                | 1233 | 36                | 1191 | 37                | 1149 | 38                | 1108 | 40                | 1060 | 42                | 1005 | 44                | 943  | 47                |  |
|                           |              |                        |                         | 1         | 1162                                           | 38                | 1118 | 40                | 1062 | 42                | 1014 | 44                | 958  | 46                | 892  | 50                | 826  | 54                | 780  | 57                |  |
| PGF336080K****            | 3            | 80000                  | 35 - 65                 | 4         | 1652                                           | 36                | 1607 | 37                | 1574 | 38                | 1541 | 38                | 1500 | 39                | 1462 | 40                | 1426 | 41                | 1384 | 43                |  |
|                           |              |                        |                         | 3         | 1529                                           | 39                | 1484 | 40                | 1440 | 41                | 1402 | 42                | 1364 | 43                | 1326 | 45                | 1284 | 46                | 1238 | 48                |  |
|                           |              |                        |                         | 2         | 1278                                           | 46                | 1233 | 48                | 1191 | 50                | 1149 | 51                | 1108 | 53                | 1060 | 56                | 1005 | 59                | 943  | 63                |  |
|                           |              |                        |                         | 1         | 1162                                           | 51                | 1118 | 53                | 1062 | 56                | 1014 | 58                | 958  | 62                | 892  | NA                | 826  | NA                | 780  | NA                |  |
| PGF336100K****            | 3            | 100000                 | 35 - 65                 | 4         | 1652                                           | 44                | 1607 | 45                | 1574 | 46                | 1541 | 47                | 1500 | 48                | 1462 | 50                | 1426 | 51                | 1384 | 53                |  |
|                           |              |                        |                         | 3         | 1529                                           | 48                | 1484 | 49                | 1440 | 50                | 1402 | 52                | 1364 | 53                | 1326 | 55                | 1284 | 57                | 1238 | 59                |  |
|                           |              |                        |                         | 2         | 1278                                           | 57                | 1233 | 59                | 1191 | 61                | 1149 | 63                | 1108 | NA                | 1060 | NA                | 1005 | NA                | 943  | NA                |  |
|                           |              |                        |                         | 1         | 1162                                           | 63                | 1118 | 65                | 1062 | NA                | 1014 | NA                | 958  | NA                | 892  | NA                | 826  | NA                | 780  | NA                |  |
| PGF342080K****            | 3.5          | 80000                  | 35 - 65                 | 4         | 1643                                           | 36                | 1609 | 37                | 1577 | 37                | 1541 | 38                | 1509 | 39                | 1476 | 40                | 1439 | 41                | 1402 | 42                |  |
|                           |              |                        |                         | 3         | 1505                                           | 39                | 1467 | 40                | 1431 | 41                | 1398 | 42                | 1363 | 43                | 1324 | 45                | 1283 | 46                | 1234 | 48                |  |
|                           |              |                        |                         | 2         | 1240                                           | 48                | 1189 | 50                | 1145 | 52                | 1104 | 54                | 1063 | 56                | 1010 | 59                | 952  | 62                | 891  | NA                |  |
|                           |              |                        |                         | 1         | 1138                                           | 52                | 1087 | 54                | 1041 | 57                | 989  | 60                | 940  | 63                | 865  | NA                | 806  | NA                | 752  | NA                |  |
| PGF342100K****            | 3.5          | 100000                 | 35 - 65                 | 4         | 1643                                           | 44                | 1609 | 45                | 1577 | 46                | 1541 | 47                | 1509 | 48                | 1476 | 49                | 1439 | 51                | 1402 | 52                |  |
|                           |              |                        |                         | 3         | 1505                                           | 48                | 1467 | 50                | 1431 | 51                | 1398 | 52                | 1363 | 53                | 1324 | 55                | 1283 | 57                | 1234 | 59                |  |
|                           |              |                        |                         | 2         | 1240                                           | 59                | 1189 | 61                | 1145 | 63                | 1104 | NA                | 1063 | NA                | 1010 | NA                | 952  | NA                | 891  | NA                |  |
|                           |              |                        |                         | 1         | 1138                                           | 64                | 1087 | NA                | 1041 | NA                | 989  | NA                | 940  | NA                | 865  | NA                | 806  | NA                | 752  | NA                |  |
| PGF348080K****            | 4            | 80000                  | 35 - 65                 | 4         | 1908                                           | NA                | 1864 | NA                | 1819 | NA                | 1770 | NA                | 1720 | NA                | 1678 | 35                | 1632 | 36                | 1586 | 37                |  |
|                           |              |                        |                         | 3         | 1750                                           | 34                | 1696 | 35                | 1643 | 36                | 1592 | 37                | 1547 | 38                | 1497 | 40                | 1443 | 41                | 1400 | 42                |  |
|                           |              |                        |                         | 2         | 1245                                           | 48                | 1170 | 51                | 1110 | 53                | 1034 | 57                | 972  | 61                | 924  | 64                | 875  | NA                | 836  | NA                |  |
|                           |              |                        |                         | 1         | 1154                                           | 51                | 1084 | 55                | 1005 | 59                | 940  | 63                | 880  | NA                | 832  | NA                | 780  | NA                | 713  | NA                |  |
| PGF348120K****            | 4            | 120000                 | 40 - 70                 | 4         | 1908                                           | 47                | 1864 | 48                | 1819 | 49                | 1770 | 50                | 1720 | 52                | 1678 | 53                | 1632 | 54                | 1586 | 56                |  |
|                           |              |                        |                         | 3         | 1750                                           | 51                | 1696 | 52                | 1643 | 54                | 1592 | 56                | 1547 | 57                | 1497 | 59                | 1443 | 62                | 1400 | 63                |  |
|                           |              |                        |                         | 2         | 1245                                           | NA                | 1170 | NA                | 1110 | NA                | 1034 | NA                | 972  | NA                | 924  | NA                | 875  | NA                | 836  | NA                |  |
|                           |              |                        |                         | 1         | 1154                                           | NA                | 1084 | NA                | 1005 | NA                | 940  | NA                | 880  | NA                | 832  | NA                | 780  | NA                | 713  | NA                |  |
| PGF354100K****            | 5            | 100000                 | 30 - 60                 | 4         | 2173                                           | 34                | 2113 | 35                | 2067 | 36                | 2032 | 36                | 2003 | 37                | 1962 | 38                | 1904 | 39                | 1822 | 41                |  |
|                           |              |                        |                         | 3         | 2109                                           | 35                | 2052 | 36                | 2000 | 37                | 1952 | 38                | 1899 | 39                | 1847 | 40                | 1798 | 41                | 1750 | 42                |  |
|                           |              |                        |                         | 2         | 1449                                           | 51                | 1372 | 54                | 1318 | 56                | 1258 | 59                | 1195 | NA                | 1130 | NA                | 1086 | NA                | 1048 | NA                |  |
|                           |              |                        |                         | 1         | 1348                                           | 55                | 1274 | 58                | 1218 | NA                | 1151 | NA                | 1085 | NA                | 1032 | NA                | 989  | NA                | 954  | NA                |  |
| PGF354140K****            | 5            | 140000                 | 35 - 65                 | 4         | 2173                                           | 48                | 2113 | 49                | 2067 | 50                | 2032 | 51                | 2003 | 52                | 1962 | 53                | 1904 | 54                | 1822 | 57                |  |
|                           |              |                        |                         | 3         | 2109                                           | 49                | 2052 | 51                | 2000 | 52                | 1952 | 53                | 1899 | 55                | 1847 | 56                | 1798 | 58                | 1750 | 59                |  |
|                           |              |                        |                         | 2         | 1449                                           | NA                | 1372 | NA                | 1318 | NA                | 1258 | NA                | 1195 | NA                | 1130 | NA                | 1086 | NA                | 1048 | NA                |  |
|                           |              |                        |                         | 1         | 1348                                           | NA                | 1274 | NA                | 1218 | NA                | 1151 | NA                | 1085 | NA                | 1032 | NA                | 989  | NA                | 954  | NA                |  |

# BLOWER PERFORMANCE DATA

| Model Number                                                      |     | PGF324---K--A: |   |      |   | PGF330---K--A: |      |      |      | PGF336---K--A: |      |      |      | PGF342---K--A: |      |      |      | PGF348---K--A: |      |      |      | PGF354---K--A: |      |      |      |
|-------------------------------------------------------------------|-----|----------------|---|------|---|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|
| Speed Tap                                                         |     | 1              | 2 | 3    | 4 | 1              | 2    | 3    | 4    | 1              | 2    | 3    | 4    | 1              | 2    | 3    | 4    | 1              | 2    | 3    | 4    | 1              | 2    | 3    | 4    |
| Air Delivery in CFM @ Varying External Static Pressure (in. w.c.) | 0.1 | 891            | - | 1136 | - | 986            | 1076 | 1286 | 1352 | 1162           | 1278 | 1529 | 1652 | 1138           | 1240 | 1505 | 1643 | 1154           | 1245 | 1750 | 1908 | 1348           | 1449 | 1998 | 2173 |
|                                                                   | 0.2 | 845            | - | 1098 | - | 949            | 1038 | 1225 | 1311 | 1118           | 1233 | 1484 | 1607 | 1087           | 1189 | 1467 | 1609 | 1084           | 1170 | 1696 | 1864 | 1274           | 1372 | 1943 | 2113 |
|                                                                   | 0.3 | 804            | - | 1056 | - | 908            | 997  | 1186 | 1274 | 1062           | 1191 | 1440 | 1574 | 1041           | 1145 | 1431 | 1577 | 1005           | 1110 | 1643 | 1819 | 1218           | 1318 | 1895 | 2067 |
|                                                                   | 0.4 | 758            | - | 1020 | - | 856            | 973  | 1158 | 1233 | 1014           | 1149 | 1402 | 1541 | 989            | 1104 | 1398 | 1541 | 940            | 1034 | 1592 | 1770 | 1151           | 1258 | 1850 | 2032 |
|                                                                   | 0.5 | 707            | - | 980  | - | 819            | 913  | 1129 | 1203 | 958            | 1108 | 1364 | 1501 | 940            | 1063 | 1363 | 1509 | 880            | 972  | 1547 | 1720 | 1085           | 1195 | 1800 | 2003 |
|                                                                   | 0.6 | 649            | - | 920  | - | 781            | 875  | 1085 | 1162 | 892            | 1060 | 1326 | 1462 | 865            | 1010 | 1324 | 1476 | 832            | 924  | 1497 | 1678 | 1032           | 1130 | 1750 | 1962 |
|                                                                   | 0.7 | 582            | - | 785  | - | 717            | 840  | 1044 | 1119 | 826            | 1005 | 1284 | 1426 | 806            | 952  | 1283 | 1439 | 780            | 875  | 1443 | 1632 | 989            | 1086 | 1705 | 1904 |
|                                                                   | 0.8 | 509            | - | 569  | - | 664            | 786  | 1004 | 1066 | 780            | 943  | 1238 | 1384 | 752            | 891  | 1234 | 1402 | 713            | 836  | 1400 | 1586 | 954            | 1048 | 1659 | 1822 |
|                                                                   | 0.9 | -              | - | 318  | - | 612            | 717  | 948  | 989  | 735            | 892  | 1179 | 1338 | 694            | 828  | 1175 | 1352 | 663            | 773  | 1354 | 1538 | 904            | 1000 | 1602 | 1727 |
|                                                                   | 1   | -              | - | -    | - | 554            | 659  | 755  | 774  | 675            | 844  | 1123 | 1277 | 646            | 773  | 1120 | 1264 | 613            | 720  | 1302 | 1494 | 851            | 946  | 1530 | 1603 |

# EXPANDED PERFORMANCE DATA (COOLING) - 2 TON

|                    |                      | PGF324---K--A:                                    |      |                  |      |      |      |      |                  |      |      |      |      |                  |      |      |
|--------------------|----------------------|---------------------------------------------------|------|------------------|------|------|------|------|------------------|------|------|------|------|------------------|------|------|
|                    | ID Airflow<br>(SCFM) | 700                                               |      |                  |      |      | 800  |      |                  |      |      | 900  |      |                  |      |      |
| OD Ambient<br>(°F) |                      | Entering Indoor Temperature - Degrees F, Wet Bulb |      |                  |      |      |      |      |                  |      |      |      |      |                  |      |      |
|                    |                      | 57                                                | 62   | 63 <sup>††</sup> | 67   | 72   | 57   | 62   | 63 <sup>††</sup> | 67   | 72   | 57   | 62   | 63 <sup>††</sup> | 67   | 72   |
| 75                 | MBh†                 | 22.1                                              | 23.0 | 23.5             | 25.2 | 26.5 | 23.3 | 23.8 | 24.1             | 25.5 | 26.6 | 24.3 | 24.3 | 24.4             | 25.8 | 27.4 |
|                    | S/T                  | 1.00                                              | 0.91 | 0.73             | 0.70 | 0.52 | 1.00 | 0.96 | 0.76             | 0.73 | 0.53 | 1.00 | 0.99 | 0.80             | 0.77 | 0.53 |
|                    | kW*                  | 1.7                                               | 1.7  | 1.7              | 1.7  | 1.7  | 1.8  | 1.8  | 1.8              | 1.8  | 1.8  | 1.8  | 1.8  | 1.8              | 1.9  | 1.9  |
| 85                 | MBh†                 | 21.3                                              | 22.0 | 22.5             | 24.5 | 26.3 | 22.5 | 22.7 | 23.1             | 25.1 | 26.4 | 23.5 | 23.5 | 23.7             | 25.5 | 27.1 |
|                    | S/T                  | 1.00                                              | 0.93 | 0.74             | 0.71 | 0.52 | 1.00 | 0.98 | 0.77             | 0.74 | 0.55 | 1.00 | 0.99 | 0.81             | 0.78 | 0.56 |
|                    | kW*                  | 1.9                                               | 1.9  | 1.9              | 1.9  | 1.9  | 2.0  | 2.0  | 2.0              | 2.0  | 2.0  | 2.0  | 2.0  | 2.0              | 2.0  | 2.1  |
| 95                 | MBh†                 | 20.5                                              | 20.9 | 21.4             | 22.9 | 26.0 | 21.6 | 21.6 | 22.0             | 23.0 | 26.1 | 22.6 | 22.6 | 22.5             | 24.5 | 26.8 |
|                    | S/T                  | 1.01                                              | 0.96 | 0.75             | 0.72 | 0.52 | 1.00 | 0.99 | 0.79             | 0.76 | 0.55 | 1.00 | 1.00 | 0.83             | 0.80 | 0.56 |
|                    | kW*                  | 2.1                                               | 2.1  | 2.1              | 2.1  | 2.1  | 2.2  | 2.2  | 2.2              | 2.2  | 2.2  | 2.2  | 2.2  | 2.2              | 2.3  | 2.3  |
| 105                | MBh†                 | 19.6                                              | 19.8 | 20.2             | 22.1 | 24.9 | 20.7 | 20.7 | 20.8             | 22.7 | 25.5 | 21.6 | 21.6 | 21.2             | 23.2 | 26.0 |
|                    | S/T                  | 1.00                                              | 0.99 | 0.77             | 0.74 | 0.53 | 1.00 | 0.99 | 0.81             | 0.78 | 0.55 | 1.00 | 1.00 | 0.85             | 0.82 | 0.57 |
|                    | kW*                  | 2.3                                               | 2.3  | 2.3              | 2.3  | 2.4  | 2.4  | 2.4  | 2.4              | 2.4  | 2.4  | 2.5  | 2.5  | 2.5              | 2.5  | 2.5  |
| 115                | MBh†                 | 18.6                                              | 18.7 | 19.0             | 20.9 | 23.6 | 19.6 | 19.7 | 19.5             | 21.4 | 24.2 | 20.5 | 20.5 | 19.9             | 21.9 | 24.6 |
|                    | S/T                  | 1.00                                              | 1.00 | 0.79             | 0.76 | 0.54 | 1.00 | 0.99 | 0.84             | 0.80 | 0.56 | 1.00 | 0.99 | 0.88             | 0.85 | 0.58 |
|                    | kW*                  | 2.5                                               | 2.5  | 2.5              | 2.6  | 2.6  | 2.6  | 2.6  | 2.6              | 2.6  | 2.7  | 2.7  | 2.7  | 2.7              | 2.7  | 2.8  |
| 125                | MBh†                 | 17.5                                              | 17.6 | 17.6             | 19.4 | 22.1 | 18.5 | 18.6 | 18.0             | 20.0 | 22.7 | 19.4 | 19.4 | 18.4             | 20.4 | 23.1 |
|                    | S/T                  | 1.00                                              | 0.99 | 0.82             | 0.79 | 0.55 | 1.00 | 1.00 | 0.87             | 0.83 | 0.57 | 1.00 | 1.00 | 0.91             | 0.88 | 0.60 |
|                    | kW*                  | 2.8                                               | 2.8  | 2.8              | 2.8  | 2.9  | 2.9  | 2.9  | 2.9              | 2.9  | 2.9  | 3.0  | 3.0  | 3.0              | 3.0  | 3.0  |

Notes: When the required data fall between the published data, interpolation may be performed. Extrapolation is not an acceptable practice.

† Total capacities are net capacities. Blower heat has been subtracted

†† At TVA rating indoor condition (75 F db/ 63 F wb), All other indoor air temperatures are at 80 F db

\* System kW is total unit kW

Key:   Standard Rating

S/T are based on 80°F db entering air at the indoor coil. For sensible capacities at other than 80°F db, deduct 835 Btuh per 1000 cfm of indoor coil air from MBhXS/T for each degree below 80°F, or add 835 Btuh per 1000 cfm of indoor coil air from MBhXS/T for each degree above 80°F.

# EXPANDED PERFORMANCE DATA (COOLING) - 2-1/2 TON

|                    |                   | PGF330---K--A`                                    |      |                  |      |      |      |      |                  |      |      |      |      |                  |      |      |
|--------------------|-------------------|---------------------------------------------------|------|------------------|------|------|------|------|------------------|------|------|------|------|------------------|------|------|
|                    | ID Airflow (SCFM) | 875                                               |      |                  |      |      | 1000 |      |                  |      |      | 1125 |      |                  |      |      |
| OD Ambient<br>(°F) |                   | Entering Indoor Temperature - Degrees F, Wet Bulb |      |                  |      |      |      |      |                  |      |      |      |      |                  |      |      |
|                    |                   | 57                                                | 62   | 63 <sup>††</sup> | 67   | 72   | 57   | 62   | 63 <sup>††</sup> | 67   | 72   | 57   | 62   | 63 <sup>††</sup> | 67   | 72   |
| 75                 | MBh†              | 27.0                                              | 28.2 | 28.9             | 30.7 | 32.0 | 28.7 | 29.1 | 29.5             | 31.1 | 32.9 | 29.9 | 29.9 | 29.9             | 31.3 | 33.1 |
|                    | S/T               | 0.99                                              | 0.91 | 0.72             | 0.70 | 0.50 | 0.99 | 0.96 | 0.75             | 0.74 | 0.49 | 0.99 | 0.99 | 0.79             | 0.78 | 0.49 |
|                    | kW*               | 2.1                                               | 2.1  | 2.1              | 2.1  | 2.1  | 2.2  | 2.2  | 2.2              | 2.2  | 2.2  | 2.3  | 2.3  | 2.3              | 2.3  | 2.3  |
| 85                 | MBh†              | 25.7                                              | 26.4 | 27.1             | 30.0 | 32.4 | 27.3 | 27.4 | 28.0             | 30.7 | 32.7 | 28.7 | 28.8 | 28.8             | 31.2 | 32.9 |
|                    | S/T               | 0.99                                              | 0.94 | 0.74             | 0.70 | 0.52 | 0.99 | 0.99 | 0.77             | 0.74 | 0.54 | 0.99 | 0.99 | 0.81             | 0.78 | 0.56 |
|                    | kW*               | 2.3                                               | 2.3  | 2.3              | 2.3  | 2.3  | 2.4  | 2.4  | 2.4              | 2.4  | 2.4  | 2.5  | 2.5  | 2.5              | 2.5  | 2.5  |
| 95                 | MBh†              | 24.5                                              | 24.8 | 25.4             | 28.1 | 31.7 | 25.9 | 26.0 | 26.2             | 28.6 | 32.3 | 27.2 | 27.3 | 26.9             | 29.7 | 32.6 |
|                    | S/T               | 0.99                                              | 0.97 | 0.76             | 0.72 | 0.52 | 0.99 | 0.99 | 0.79             | 0.76 | 0.54 | 0.99 | 0.99 | 0.83             | 0.80 | 0.56 |
|                    | kW*               | 2.5                                               | 2.5  | 2.5              | 2.6  | 2.6  | 2.6  | 2.6  | 2.6              | 2.6  | 2.6  | 2.7  | 2.7  | 2.7              | 2.7  | 2.7  |
| 105                | MBh†              | 23.2                                              | 23.3 | 23.7             | 26.3 | 30.0 | 24.6 | 24.7 | 24.5             | 27.1 | 30.9 | 25.8 | 25.8 | 25.0             | 27.7 | 31.6 |
|                    | S/T               | 0.99                                              | 0.99 | 0.78             | 0.75 | 0.53 | 0.99 | 0.99 | 0.82             | 0.79 | 0.55 | 0.99 | 0.99 | 0.86             | 0.83 | 0.57 |
|                    | kW*               | 2.8                                               | 2.8  | 2.8              | 2.8  | 2.8  | 2.8  | 2.8  | 2.8              | 2.9  | 2.9  | 2.9  | 2.9  | 2.9              | 3.0  | 3.0  |
| 115                | MBh†              | 21.8                                              | 21.9 | 21.9             | 24.4 | 28.0 | 23.2 | 23.3 | 22.6             | 25.1 | 28.9 | 24.3 | 24.4 | 23.1             | 25.7 | 29.5 |
|                    | S/T               | 0.99                                              | 0.99 | 0.81             | 0.77 | 0.54 | 0.99 | 0.99 | 0.85             | 0.82 | 0.56 | 0.99 | 0.99 | 0.90             | 0.86 | 0.59 |
|                    | kW*               | 3.0                                               | 3.0  | 3.0              | 3.1  | 3.1  | 3.1  | 3.1  | 3.1              | 3.1  | 3.2  | 3.2  | 3.2  | 3.2              | 3.2  | 3.3  |
| 125                | MBh†              | 20.3                                              | 20.4 | 19.8             | 22.5 | 26.0 | 21.6 | 21.7 | 20.4             | 23.2 | 26.7 | 22.8 | 22.8 | 20.9             | 23.7 | 27.3 |
|                    | S/T               | 0.99                                              | 0.99 | 0.85             | 0.80 | 0.55 | 0.99 | 0.99 | 0.90             | 0.85 | 0.58 | 0.99 | 0.99 | 0.95             | 0.90 | 0.61 |
|                    | kW*               | 3.3                                               | 3.3  | 3.3              | 3.3  | 3.4  | 3.4  | 3.4  | 3.4              | 3.4  | 3.5  | 3.5  | 3.5  | 3.5              | 3.5  | 3.6  |

# EXPANDED PERFORMANCE DATA (COOLING) - 3 TON

|                    |                   | PGF336---K--A                                     |      |                  |      |      |      |      |                  |      |      |      |      |                  |      |      |
|--------------------|-------------------|---------------------------------------------------|------|------------------|------|------|------|------|------------------|------|------|------|------|------------------|------|------|
|                    | ID Airflow (SCFM) | 1050                                              |      |                  |      |      | 1200 |      |                  |      |      | 1350 |      |                  |      |      |
| OD Ambient<br>(°F) |                   | Entering Indoor Temperature - Degrees F, Wet Bulb |      |                  |      |      |      |      |                  |      |      |      |      |                  |      |      |
|                    |                   | 57                                                | 62   | 63 <sup>††</sup> | 67   | 72   | 57   | 62   | 63 <sup>††</sup> | 67   | 72   | 57   | 62   | 63 <sup>††</sup> | 67   | 72   |
| 75                 | MBh†              | 32.9                                              | 34.1 | 34.8             | 37.6 | 40.5 | 36.3 | 36.3 | 36.7             | 38.9 | 41.2 | 37.4 | 37.4 | 37.4             | 39.2 | 41.3 |
|                    | S/T               | 0.97                                              | 0.89 | 0.84             | 0.68 | 0.50 | 0.97 | 0.97 | 0.94             | 0.75 | 0.53 | 0.97 | 0.97 | 0.97             | 0.78 | 0.55 |
|                    | kW*               | 2.4                                               | 2.4  | 2.4              | 2.4  | 2.4  | 2.5  | 2.5  | 2.5              | 2.5  | 2.6  | 2.5  | 2.5  | 2.6              | 2.6  | 2.6  |
| 85                 | MBh†              | 31.8                                              | 32.7 | 33.3             | 36.1 | 39.8 | 35.0 | 35.0 | 35.1             | 37.7 | 40.9 | 36.1 | 36.2 | 36.2             | 38.1 | 41.1 |
|                    | S/T               | 0.97                                              | 0.90 | 0.86             | 0.69 | 0.51 | 0.97 | 0.97 | 0.96             | 0.77 | 0.54 | 0.97 | 0.97 | 0.97             | 0.80 | 0.56 |
|                    | kW*               | 2.6                                               | 2.6  | 2.7              | 2.7  | 2.7  | 2.8  | 2.8  | 2.8              | 2.8  | 2.8  | 2.8  | 2.8  | 2.8              | 2.9  | 2.9  |
| 95                 | MBh†              | 30.7                                              | 31.2 | 31.8             | 34.5 | 38.4 | 33.6 | 33.6 | 33.6             | 35.0 | 39.7 | 34.7 | 34.7 | 34.7             | 36.4 | 40.0 |
|                    | S/T               | 0.97                                              | 0.93 | 0.88             | 0.70 | 0.51 | 0.97 | 0.97 | 0.97             | 0.78 | 0.55 | 0.97 | 0.97 | 0.97             | 0.82 | 0.57 |
|                    | kW*               | 2.9                                               | 2.9  | 2.9              | 3.0  | 3.0  | 3.0  | 3.0  | 3.0              | 3.1  | 3.1  | 3.1  | 3.1  | 3.1              | 3.2  | 3.2  |
| 105                | MBh†              | 29.4                                              | 29.7 | 30.2             | 32.8 | 36.7 | 32.2 | 32.3 | 32.3             | 34.2 | 38.0 | 33.2 | 33.3 | 33.3             | 34.6 | 38.3 |
|                    | S/T               | 0.97                                              | 0.95 | 0.90             | 0.72 | 0.52 | 0.97 | 0.97 | 0.97             | 0.81 | 0.56 | 0.97 | 0.97 | 0.97             | 0.85 | 0.59 |
|                    | kW*               | 3.2                                               | 3.2  | 3.2              | 3.3  | 3.3  | 3.3  | 3.4  | 3.4              | 3.4  | 3.5  | 3.4  | 3.4  | 3.4              | 3.5  | 3.5  |
| 115                | MBh†              | 28.1                                              | 28.1 | 28.5             | 31.0 | 34.8 | 30.7 | 30.7 | 30.8             | 32.2 | 36.1 | 31.7 | 31.7 | 31.7             | 32.6 | 36.4 |
|                    | S/T               | 0.97                                              | 0.97 | 0.93             | 0.74 | 0.53 | 0.97 | 0.97 | 0.97             | 0.83 | 0.58 | 0.97 | 0.97 | 0.97             | 0.87 | 0.60 |
|                    | kW*               | 3.5                                               | 3.5  | 3.6              | 3.6  | 3.7  | 3.7  | 3.7  | 3.7              | 3.8  | 3.8  | 3.8  | 3.8  | 3.8              | 3.8  | 3.9  |
| 125                | MBh†              | 26.6                                              | 26.6 | 26.7             | 29.1 | 32.7 | 29.1 | 29.1 | 29.1             | 30.2 | 33.9 | 30.0 | 30.0 | 30.0             | 30.5 | 34.2 |
|                    | S/T               | 0.97                                              | 0.97 | 0.96             | 0.76 | 0.54 | 0.97 | 0.97 | 0.97             | 0.86 | 0.59 | 0.97 | 0.97 | 0.97             | 0.91 | 0.62 |
|                    | kW*               | 3.9                                               | 3.9  | 3.9              | 4.0  | 4.0  | 4.0  | 4.0  | 4.0              | 4.1  | 4.2  | 4.1  | 4.1  | 4.1              | 4.2  | 4.3  |

Notes: When the required data fall between the published data, interpolation may be performed. Extrapolation is not an acceptable practice.

† Total capacities are net capacities. Blower heat has been subtracted

†† At TVA rating indoor condition (75 F db/ 63 F wb), All other indoor air temperatures are at 80 F db

\* System kW is total unit kW

Key:   Standard Rating

S/T are based on 80°F db entering air at the indoor coil. For sensible capacities at other than 80°F db, deduct 835 Btuh per 1000 cfm of indoor coil air from MBhS/T for each degree below 80°F, or add 835 Btuh per 1000 cfm of indoor coil air from MBhS/T for each degree above 80°F.

# EXPANDED PERFORMANCE DATA (COOLING) - 3-1/2 TON

|                    |                   | PGF342---K--A                                     |      |                  |      |      |      |      |                  |      |      |      |      |                  |      |      |
|--------------------|-------------------|---------------------------------------------------|------|------------------|------|------|------|------|------------------|------|------|------|------|------------------|------|------|
|                    | ID Airflow (SCFM) | 1225                                              |      |                  |      |      | 1400 |      |                  |      |      | 1575 |      |                  |      |      |
| OD Ambient<br>(°F) |                   | Entering Indoor Temperature - Degrees F, Wet Bulb |      |                  |      |      |      |      |                  |      |      |      |      |                  |      |      |
|                    |                   | 57                                                | 62   | 63 <sup>††</sup> | 67   | 72   | 57   | 62   | 63 <sup>††</sup> | 67   | 72   | 57   | 62   | 63 <sup>††</sup> | 67   | 72   |
| 75                 | MBh†              | 38.0                                              | 38.8 | 39.4             | 42.6 | 47.0 | 39.7 | 39.8 | 40.3             | 43.3 | 47.8 | 41.0 | 41.1 | 41.1             | 43.9 | 48.4 |
|                    | S/T               | 0.96                                              | 0.91 | 0.86             | 0.69 | 0.51 | 0.96 | 0.96 | 0.91             | 0.73 | 0.52 | 0.96 | 0.96 | 0.96             | 0.76 | 0.54 |
|                    | kW*               | 2.8                                               | 2.8  | 2.8              | 2.9  | 2.9  | 2.8  | 2.9  | 2.9              | 2.9  | 3.0  | 2.9  | 2.9  | 3.0              | 3.0  | 3.1  |
| 85                 | MBh†              | 36.9                                              | 37.3 | 38.0             | 41.0 | 45.3 | 38.4 | 38.5 | 38.8             | 41.7 | 46.0 | 39.7 | 39.8 | 39.8             | 42.2 | 46.5 |
|                    | S/T               | 0.96                                              | 0.93 | 0.88             | 0.71 | 0.51 | 0.96 | 0.96 | 0.93             | 0.74 | 0.53 | 0.96 | 0.96 | 0.96             | 0.78 | 0.55 |
|                    | kW*               | 3.1                                               | 3.1  | 3.1              | 3.2  | 3.2  | 3.2  | 3.2  | 3.2              | 3.3  | 3.3  | 3.2  | 3.2  | 3.3              | 3.4  | 3.4  |
| 95                 | MBh†              | 35.7                                              | 35.9 | 36.5             | 39.3 | 43.5 | 37.1 | 37.2 | 37.3             | 40.0 | 44.2 | 38.3 | 38.4 | 38.4             | 40.4 | 44.6 |
|                    | S/T               | 0.96                                              | 0.95 | 0.90             | 0.72 | 0.52 | 0.96 | 0.96 | 0.95             | 0.76 | 0.54 | 0.96 | 0.96 | 0.96             | 0.80 | 0.56 |
|                    | kW*               | 3.4                                               | 3.5  | 3.5              | 3.5  | 3.6  | 3.5  | 3.5  | 3.5              | 3.6  | 3.7  | 3.6  | 3.6  | 3.6              | 3.7  | 3.8  |
| 105                | MBh†              | 34.4                                              | 34.4 | 34.9             | 37.6 | 41.7 | 35.8 | 35.8 | 35.9             | 38.2 | 42.3 | 36.9 | 37.0 | 37.0             | 38.6 | 42.6 |
|                    | S/T               | 0.96                                              | 0.96 | 0.92             | 0.73 | 0.53 | 0.96 | 0.96 | 0.96             | 0.77 | 0.55 | 0.96 | 0.96 | 0.96             | 0.82 | 0.57 |
|                    | kW*               | 3.8                                               | 3.8  | 3.9              | 3.9  | 4.0  | 3.9  | 3.9  | 3.9              | 4.0  | 4.1  | 4.0  | 4.0  | 4.0              | 4.1  | 4.2  |
| 115                | MBh†              | 33.1                                              | 33.1 | 33.3             | 35.9 | 39.7 | 34.4 | 34.4 | 34.4             | 36.4 | 40.3 | 35.4 | 35.5 | 35.5             | 36.7 | 40.6 |
|                    | S/T               | 0.96                                              | 0.96 | 0.94             | 0.75 | 0.53 | 0.96 | 0.96 | 0.96             | 0.79 | 0.56 | 0.96 | 0.96 | 0.96             | 0.84 | 0.58 |
|                    | kW*               | 4.2                                               | 4.3  | 4.3              | 4.3  | 4.4  | 4.3  | 4.3  | 4.3              | 4.4  | 4.5  | 4.4  | 4.4  | 4.4              | 4.5  | 4.6  |
| 125                | MBh†              | 31.7                                              | 31.7 | 31.7             | 34.0 | 37.7 | 32.9 | 32.9 | 32.9             | 34.5 | 38.2 | 33.9 | 33.9 | 33.9             | 34.8 | 38.4 |
|                    | S/T               | 0.96                                              | 0.96 | 0.96             | 0.77 | 0.54 | 0.96 | 0.96 | 0.96             | 0.82 | 0.57 | 0.96 | 0.96 | 0.96             | 0.86 | 0.59 |
|                    | kW*               | 4.7                                               | 4.7  | 4.7              | 4.8  | 4.9  | 4.8  | 4.8  | 4.8              | 4.9  | 5.0  | 4.9  | 4.9  | 4.9              | 5.0  | 5.1  |

Notes: When the required data fall between the published data, interpolation may be performed. Extrapolation is not an acceptable practice.

† Total capacities are net capacities. Blower heat has been subtracted

†† At TVA rating indoor condition (75 F db/ 63 F wb), All other indoor air temperatures are at 80 F db

\* System kW is total unit kW

Key:   Standard Rating

S/T are based on 80°F db entering air at the indoor coil. For sensible capacities at other than 80°F db, deduct

835 Btuh per 1000 cfm of indoor coil air from MBhS/T for each degree below 80°F, or add 835 Btuh per 1000 cfm of indoor coil air from MBhS/T for each degree above 80°F.

# EXPANDED PERFORMANCE DATA (COOLING) - 4 TON - High Capacity

|                    |                   | PGF348---K--A` (High Capacity)                    |      |                  |      |      |      |      |                  |      |      |      |      |                  |      |      |
|--------------------|-------------------|---------------------------------------------------|------|------------------|------|------|------|------|------------------|------|------|------|------|------------------|------|------|
|                    | ID Airflow (SCFM) | 1400                                              |      |                  |      |      | 1600 |      |                  |      |      | 1800 |      |                  |      |      |
| OD Ambient<br>(°F) |                   | Entering Indoor Temperature - Degrees F, Wet Bulb |      |                  |      |      |      |      |                  |      |      |      |      |                  |      |      |
|                    |                   | 57                                                | 62   | 63 <sup>††</sup> | 67   | 72   | 57   | 62   | 63 <sup>††</sup> | 67   | 72   | 57   | 62   | 63 <sup>††</sup> | 67   | 72   |
| 75                 | MBh†              | 42.4                                              | 43.6 | 44.3             | 47.7 | 52.3 | 44.4 | 44.8 | 45.3             | 48.7 | 53.4 | 46.0 | 46.0 | 46.1             | 49.5 | 54.3 |
|                    | S/T               | 0.98                                              | 0.91 | 0.72             | 0.70 | 0.51 | 0.98 | 0.95 | 0.76             | 0.73 | 0.53 | 0.98 | 0.98 | 0.79             | 0.77 | 0.55 |
|                    | kW*               | 3.6                                               | 3.6  | 3.6              | 3.6  | 3.6  | 3.7  | 3.7  | 3.7              | 3.7  | 3.7  | 3.8  | 3.8  | 3.8              | 3.8  | 3.8  |
| 85                 | MBh†              | 41.2                                              | 42.0 | 42.6             | 45.9 | 50.5 | 43.0 | 43.2 | 43.6             | 46.9 | 51.5 | 44.5 | 44.6 | 44.4             | 47.7 | 52.3 |
|                    | S/T               | 0.98                                              | 0.92 | 0.73             | 0.71 | 0.52 | 0.98 | 0.97 | 0.77             | 0.75 | 0.54 | 0.98 | 0.98 | 0.80             | 0.78 | 0.56 |
|                    | kW*               | 3.9                                               | 3.9  | 3.9              | 4.0  | 4.0  | 4.0  | 4.0  | 4.0              | 4.0  | 4.1  | 4.1  | 4.1  | 4.1              | 4.1  | 4.2  |
| 95                 | MBh†              | 39.8                                              | 40.4 | 40.9             | 44.1 | 48.5 | 41.6 | 41.6 | 41.8             | 44.5 | 49.4 | 43.0 | 43.1 | 42.5             | 45.7 | 50.2 |
|                    | S/T               | 0.98                                              | 0.94 | 0.75             | 0.72 | 0.52 | 0.98 | 0.98 | 0.78             | 0.76 | 0.54 | 0.98 | 0.98 | 0.82             | 0.80 | 0.57 |
|                    | kW*               | 4.3                                               | 4.3  | 4.3              | 4.3  | 4.4  | 4.4  | 4.4  | 4.4              | 4.4  | 4.4  | 4.5  | 4.5  | 4.5              | 4.5  | 4.5  |
| 105                | MBh†              | 38.4                                              | 38.7 | 39.1             | 42.2 | 46.4 | 40.1 | 40.1 | 40.0             | 43.0 | 47.3 | 41.4 | 41.5 | 40.6             | 43.7 | 48.0 |
|                    | S/T               | 0.98                                              | 0.96 | 0.76             | 0.74 | 0.53 | 0.98 | 0.98 | 0.80             | 0.78 | 0.55 | 0.98 | 0.98 | 0.84             | 0.82 | 0.58 |
|                    | kW*               | 4.7                                               | 4.7  | 4.7              | 4.7  | 4.8  | 4.8  | 4.8  | 4.8              | 4.8  | 4.9  | 4.9  | 4.9  | 4.9              | 4.9  | 4.9  |
| 115                | MBh†              | 36.9                                              | 37.0 | 37.3             | 40.2 | 44.3 | 38.5 | 38.5 | 38.1             | 41.0 | 45.1 | 39.8 | 39.8 | 38.7             | 41.6 | 45.7 |
|                    | S/T               | 0.98                                              | 0.98 | 0.78             | 0.75 | 0.54 | 0.98 | 0.98 | 0.82             | 0.80 | 0.56 | 0.98 | 0.98 | 0.86             | 0.84 | 0.59 |
|                    | kW*               | 5.2                                               | 5.2  | 5.2              | 5.2  | 5.2  | 5.2  | 5.2  | 5.2              | 5.3  | 5.3  | 5.3  | 5.3  | 5.3              | 5.4  | 5.4  |
| 125                | MBh†              | -                                                 | -    | -                | -    | -    | -    | -    | -                | -    | -    | -    | -    | -                | -    | -    |
|                    | S/T               | -                                                 | -    | -                | -    | -    | -    | -    | -                | -    | -    | -    | -    | -                | -    | -    |
|                    | kW*               | -                                                 | -    | -                | -    | -    | -    | -    | -                | -    | -    | -    | -    | -                | -    | -    |

# EXPANDED PERFORMANCE DATA (COOLING) - 4 TON - Low Capacity

|                    |                   | PGF348---K--A` (Low Capacity)                     |      |                  |      |      |      |      |                  |      |      |      |      |                  |      |      |
|--------------------|-------------------|---------------------------------------------------|------|------------------|------|------|------|------|------------------|------|------|------|------|------------------|------|------|
|                    | ID Airflow (SCFM) | 950                                               |      |                  |      |      | 1100 |      |                  |      |      | 1250 |      |                  |      |      |
| OD Ambient<br>(°F) |                   | Entering Indoor Temperature - Degrees F, Wet Bulb |      |                  |      |      |      |      |                  |      |      |      |      |                  |      |      |
|                    |                   | 57                                                | 62   | 63 <sup>††</sup> | 67   | 72   | 57   | 62   | 63 <sup>††</sup> | 67   | 72   | 57   | 62   | 63 <sup>††</sup> | 67   | 72   |
| 75                 | MBh†              | 29.4                                              | 30.3 | 30.8             | 33.1 | 36.3 | 30.9 | 31.1 | 31.5             | 33.9 | 37.1 | 32.1 | 32.2 | 32.2             | 34.5 | 37.7 |
|                    | S/T               | 0.98                                              | 0.90 | 0.72             | 0.70 | 0.51 | 0.98 | 0.96 | 0.76             | 0.73 | 0.53 | 0.98 | 0.98 | 0.80             | 0.77 | 0.55 |
|                    | kW*               | 2.1                                               | 2.1  | 2.1              | 2.2  | 2.2  | 2.2  | 2.2  | 2.2              | 2.2  | 2.3  | 2.3  | 2.3  | 2.3              | 2.3  | 2.4  |
| 85                 | MBh†              | 28.6                                              | 29.3 | 29.8             | 32.0 | 35.1 | 30.0 | 30.2 | 30.5             | 32.7 | 35.8 | 31.2 | 31.3 | 31.0             | 33.3 | 36.4 |
|                    | S/T               | 0.98                                              | 0.92 | 0.73             | 0.71 | 0.52 | 0.98 | 0.97 | 0.77             | 0.75 | 0.54 | 0.98 | 0.98 | 0.81             | 0.79 | 0.56 |
|                    | kW*               | 2.4                                               | 2.4  | 2.4              | 2.5  | 2.5  | 2.5  | 2.5  | 2.5              | 2.5  | 2.6  | 2.6  | 2.6  | 2.6              | 2.6  | 2.7  |
| 95                 | MBh†              | 27.8                                              | 28.2 | 28.7             | 30.8 | 33.8 | 29.1 | 29.2 | 29.4             | 31.5 | 34.5 | 30.2 | 30.3 | 29.9             | 32.0 | 35.1 |
|                    | S/T               | 0.98                                              | 0.94 | 0.74             | 0.72 | 0.52 | 0.98 | 0.98 | 0.78             | 0.76 | 0.55 | 0.98 | 0.98 | 0.82             | 0.80 | 0.57 |
|                    | kW*               | 2.8                                               | 2.8  | 2.8              | 2.8  | 2.8  | 2.8  | 2.8  | 2.8              | 2.9  | 2.9  | 2.9  | 2.9  | 2.9              | 3.0  | 3.0  |
| 105                | MBh†              | 26.9                                              | 27.1 | 27.5             | 29.6 | 32.5 | 28.2 | 28.2 | 28.2             | 30.2 | 33.1 | 29.2 | 29.3 | 28.7             | 30.7 | 33.6 |
|                    | S/T               | 0.98                                              | 0.95 | 0.75             | 0.73 | 0.53 | 0.98 | 0.98 | 0.80             | 0.78 | 0.55 | 0.98 | 0.98 | 0.84             | 0.82 | 0.58 |
|                    | kW*               | 3.1                                               | 3.1  | 3.1              | 3.2  | 3.2  | 3.2  | 3.2  | 3.2              | 3.2  | 3.3  | 3.3  | 3.3  | 3.3              | 3.3  | 3.3  |
| 115                | MBh†              | 25.9                                              | 26.0 | 26.3             | 28.3 | 31.1 | 27.1 | 27.2 | 26.9             | 28.9 | 31.7 | 28.1 | 28.2 | 27.4             | 29.4 | 32.1 |
|                    | S/T               | 0.98                                              | 0.97 | 0.77             | 0.75 | 0.54 | 0.98 | 0.98 | 0.82             | 0.79 | 0.56 | 0.98 | 0.98 | 0.86             | 0.84 | 0.59 |
|                    | kW*               | 3.5                                               | 3.5  | 3.5              | 3.5  | 3.6  | 3.6  | 3.6  | 3.6              | 3.6  | 3.7  | 3.7  | 3.7  | 3.7              | 3.7  | 3.7  |
| 125                | MBh†              | 24.9                                              | 24.9 | 25.0             | 26.9 | 29.6 | 26.0 | 26.1 | 25.6             | 27.5 | 30.1 | 26.9 | 27.0 | 26.0             | 27.9 | 30.5 |
|                    | S/T               | 0.98                                              | 0.98 | 0.79             | 0.76 | 0.55 | 0.98 | 0.98 | 0.84             | 0.81 | 0.58 | 0.98 | 0.98 | 0.88             | 0.86 | 0.60 |
|                    | kW*               | 3.9                                               | 3.9  | 3.9              | 4.0  | 4.0  | 4.0  | 4.0  | 4.0              | 4.0  | 4.1  | 4.1  | 4.1  | 4.1              | 4.1  | 4.2  |

Notes: When the required data fall between the published data, interpolation may be performed. Extrapolation is not an acceptable practice.

† Total capacities are net capacities. Blower heat has been subtracted

†† At TVA rating indoor condition (75 F db/ 63 F wb), All other indoor air temperatures are at 80 F db

\* System kW is total unit kW

Key:   Standard Rating

S/T are based on 80°F db entering air at the indoor coil. For sensible capacities at other than 80°F db, deduct 835 Btuh per 1000 cfm of indoor coil air from MBhS/T for each degree below 80°F, or add 835 Btuh per 1000 cfm of indoor coil air from MBhS/T for each degree above 80°F.

# EXPANDED PERFORMANCE DATA (COOLING) - 5 TON - High Capacity

|                    |                   | PGF354---K--A` (High Capacity)                    |      |                  |      |      |      |      |                  |      |      |      |      |                  |      |      |
|--------------------|-------------------|---------------------------------------------------|------|------------------|------|------|------|------|------------------|------|------|------|------|------------------|------|------|
|                    | ID Airflow (SCFM) | 1750                                              |      |                  |      |      | 1875 |      |                  |      |      | 2000 |      |                  |      |      |
| OD Ambient<br>(°F) |                   | Entering Indoor Temperature - Degrees F, Wet Bulb |      |                  |      |      |      |      |                  |      |      |      |      |                  |      |      |
|                    |                   | 57                                                | 62   | 63 <sup>††</sup> | 67   | 72   | 57   | 62   | 63 <sup>††</sup> | 67   | 72   | 57   | 62   | 63 <sup>††</sup> | 67   | 72   |
| 75                 | MBh†              | 52.3                                              | 53.1 | 54.0             | 58.1 | 64.2 | 53.4 | 53.8 | 54.6             | 58.6 | 64.7 | 54.3 | 54.4 | 55.1             | 59.0 | 65.1 |
|                    | S/T               | 0.98                                              | 0.93 | 0.88             | 0.71 | 0.51 | 0.98 | 0.95 | 0.91             | 0.73 | 0.52 | 0.98 | 0.97 | 0.93             | 0.74 | 0.53 |
|                    | kW*               | 4.4                                               | 4.5  | 4.5              | 4.7  | 4.8  | 4.5  | 4.5  | 4.6              | 4.8  | 4.9  | 4.6  | 4.6  | 4.7              | 4.9  | 5.0  |
| 85                 | MBh†              | 50.7                                              | 51.2 | 52.0             | 55.8 | 61.6 | 51.7 | 51.9 | 52.5             | 56.3 | 62.1 | 52.6 | 52.7 | 53.0             | 56.6 | 62.4 |
|                    | S/T               | 0.98                                              | 0.94 | 0.90             | 0.72 | 0.52 | 0.98 | 0.97 | 0.92             | 0.74 | 0.53 | 0.98 | 0.98 | 0.95             | 0.76 | 0.54 |
|                    | kW*               | 4.8                                               | 4.9  | 5.0              | 5.1  | 5.3  | 4.9  | 5.0  | 5.0              | 5.2  | 5.4  | 5.0  | 5.0  | 5.1              | 5.3  | 5.5  |
| 95                 | MBh†              | 49.1                                              | 49.3 | 50.0             | 53.6 | 59.2 | 50.0 | 50.1 | 50.5             | 54.0 | 59.6 | 50.8 | 50.9 | 51.0             | 54.3 | 59.9 |
|                    | S/T               | 0.98                                              | 0.96 | 0.92             | 0.73 | 0.53 | 0.98 | 0.98 | 0.94             | 0.75 | 0.54 | 0.98 | 0.98 | 0.96             | 0.77 | 0.55 |
|                    | kW*               | 5.3                                               | 5.4  | 5.4              | 5.6  | 5.8  | 5.4  | 5.5  | 5.5              | 5.7  | 5.9  | 5.5  | 5.5  | 5.6              | 5.8  | 6.0  |
| 105                | MBh†              | 47.5                                              | 47.5 | 48.0             | 51.4 | 56.7 | 48.3 | 48.4 | 48.5             | 51.7 | 57.0 | 49.1 | 49.1 | 49.1             | 52.0 | 57.3 |
|                    | S/T               | 0.98                                              | 0.98 | 0.94             | 0.75 | 0.53 | 0.98 | 0.98 | 0.96             | 0.77 | 0.54 | 0.98 | 0.98 | 0.98             | 0.79 | 0.55 |
|                    | kW*               | 5.9                                               | 5.9  | 6.0              | 6.1  | 6.3  | 6.0  | 6.0  | 6.1              | 6.2  | 6.4  | 6.1  | 6.1  | 6.1              | 6.3  | 6.5  |
| 115                | MBh†              | 45.7                                              | 45.8 | 46.0             | 49.1 | 54.2 | 46.5 | 46.6 | 46.6             | 49.4 | 54.5 | 47.3 | 47.3 | 47.3             | 49.6 | 54.7 |
|                    | S/T               | 0.98                                              | 0.98 | 0.96             | 0.76 | 0.54 | 0.98 | 0.98 | 0.98             | 0.79 | 0.55 | 0.98 | 0.98 | 0.98             | 0.81 | 0.56 |
|                    | kW*               | 6.5                                               | 6.5  | 6.6              | 6.7  | 6.9  | 6.6  | 6.6  | 6.7              | 6.8  | 7.0  | 6.7  | 6.7  | 6.7              | 6.9  | 7.1  |
| 125                | MBh†              | -                                                 | -    | -                | -    | -    | -    | -    | -                | -    | -    | -    | -    | -                | -    | -    |
|                    | S/T               | -                                                 | -    | -                | -    | -    | -    | -    | -                | -    | -    | -    | -    | -                | -    | -    |
|                    | kW*               | -                                                 | -    | -                | -    | -    | -    | -    | -                | -    | -    | -    | -    | -                | -    | -    |

# EXPANDED PERFORMANCE DATA (COOLING) - 5 TON - Low Capacity

|                    |                   | PGF354---K--A (Low Capacity)                      |      |                  |      |      |      |      |                  |      |      |      |      |                  |      |      |
|--------------------|-------------------|---------------------------------------------------|------|------------------|------|------|------|------|------------------|------|------|------|------|------------------|------|------|
|                    | ID Airflow (SCFM) | 1150                                              |      |                  |      |      | 1300 |      |                  |      |      | 1500 |      |                  |      |      |
| OD Ambient<br>(°F) |                   | Entering Indoor Temperature - Degrees F, Wet Bulb |      |                  |      |      |      |      |                  |      |      |      |      |                  |      |      |
|                    |                   | 57                                                | 62   | 63 <sup>††</sup> | 67   | 72   | 57   | 62   | 63 <sup>††</sup> | 67   | 72   | 57   | 62   | 63 <sup>††</sup> | 67   | 72   |
| 75                 | MBh†              | 37.6                                              | 38.9 | 39.6             | 42.8 | 47.3 | 39.3 | 39.9 | 40.5             | 43.7 | 48.3 | 41.1 | 41.2 | 41.6             | 44.6 | 49.3 |
|                    | S/T               | 0.98                                              | 0.89 | 0.85             | 0.69 | 0.51 | 0.98 | 0.93 | 0.89             | 0.72 | 0.52 | 0.98 | 0.98 | 0.94             | 0.75 | 0.54 |
|                    | kW*               | 3.6                                               | 3.6  | 3.6              | 3.7  | 3.7  | 3.7  | 3.7  | 3.7              | 3.7  | 3.7  | 3.7  | 3.7  | 3.7              | 3.8  | 3.8  |
| 85                 | MBh†              | 36.5                                              | 37.4 | 38.1             | 41.3 | 45.7 | 38.1 | 38.4 | 39.1             | 42.1 | 46.6 | 39.9 | 39.9 | 40.1             | 43.0 | 47.5 |
|                    | S/T               | 0.98                                              | 0.91 | 0.86             | 0.70 | 0.51 | 0.98 | 0.95 | 0.91             | 0.73 | 0.53 | 0.98 | 0.98 | 0.96             | 0.77 | 0.55 |
|                    | kW*               | 3.6                                               | 3.7  | 3.7              | 3.7  | 3.7  | 3.7  | 3.7  | 3.7              | 3.7  | 3.7  | 3.7  | 3.7  | 3.7              | 3.8  | 3.8  |
| 95                 | MBh†              | 35.3                                              | 35.9 | 36.6             | 39.6 | 44.0 | 36.8 | 36.9 | 37.5             | 40.4 | 44.8 | 38.5 | 38.6 | 38.6             | 41.2 | 45.6 |
|                    | S/T               | 0.98                                              | 0.93 | 0.88             | 0.71 | 0.52 | 0.98 | 0.97 | 0.93             | 0.74 | 0.53 | 0.98 | 0.98 | 0.98             | 0.78 | 0.56 |
|                    | kW*               | 3.6                                               | 3.7  | 3.7              | 3.7  | 3.7  | 3.7  | 3.7  | 3.7              | 3.7  | 3.7  | 3.7  | 3.7  | 3.7              | 3.8  | 3.8  |
| 105                | MBh†              | 34.1                                              | 34.4 | 35.0             | 37.9 | 42.1 | 35.5 | 35.6 | 35.9             | 38.7 | 42.9 | 37.1 | 37.2 | 37.2             | 39.4 | 43.7 |
|                    | S/T               | 0.98                                              | 0.95 | 0.90             | 0.72 | 0.53 | 0.98 | 0.98 | 0.95             | 0.76 | 0.54 | 0.98 | 0.98 | 0.98             | 0.80 | 0.57 |
|                    | kW*               | 3.7                                               | 3.7  | 3.7              | 3.7  | 3.7  | 3.7  | 3.7  | 3.7              | 3.7  | 3.7  | 3.7  | 3.7  | 3.7              | 3.8  | 3.8  |
| 115                | MBh†              | 32.8                                              | 32.9 | 33.4             | 36.2 | 40.3 | 34.2 | 34.2 | 34.3             | 36.9 | 41.0 | 35.7 | 35.7 | 35.7             | 37.6 | 41.6 |
|                    | S/T               | 0.98                                              | 0.97 | 0.92             | 0.74 | 0.53 | 0.98 | 0.98 | 0.97             | 0.77 | 0.55 | 0.98 | 0.98 | 0.98             | 0.82 | 0.58 |
|                    | kW*               | 3.7                                               | 3.7  | 3.7              | 3.7  | 3.7  | 3.7  | 3.7  | 3.7              | 3.8  | 3.8  | 3.8  | 3.8  | 3.8              | 3.8  | 3.8  |
| 125                | MBh†              | 31.5                                              | 31.6 | 31.9             | 34.4 | 38.3 | 32.8 | 32.8 | 32.9             | 35.1 | 39.0 | 34.2 | 34.2 | 34.2             | 35.7 | 39.6 |
|                    | S/T               | 0.98                                              | 0.98 | 0.95             | 0.76 | 0.54 | 0.98 | 0.98 | 0.98             | 0.79 | 0.56 | 0.98 | 0.98 | 0.98             | 0.85 | 0.59 |
|                    | kW*               | 3.7                                               | 3.7  | 3.7              | 3.7  | 3.7  | 3.7  | 3.7  | 3.7              | 3.8  | 3.8  | 3.8  | 3.8  | 3.8              | 3.8  | 3.8  |

Notes: When the required data fall between the published data, interpolation may be performed. Extrapolation is not an acceptable practice.

† Total capacities are net capacities. Blower heat has been subtracted

†† At TVA rating indoor condition (75 F db/ 63 F wb), All other indoor air temperatures are at 80 F db

\* System kW is total unit kW

Key:   Standard Rating

S/T are based on 80°F db entering air at the indoor coil. For sensible capacities at other than 80°F db, deduct 835 Btuh per 1000 cfm of indoor coil air from MBhS/T for each degree below 80°F, or add 835 Btuh per 1000 cfm of indoor coil air from MBhS/T for each degree above 80°F.

## ACCESSORIES

### ROOF CURBS

| Model Number | Height (K) | Use With                       |
|--------------|------------|--------------------------------|
| ACL01FB0A    | 8"         | PGF324, PGF330, PGF336, PGF342 |
| ACM01FB0A    | 14"        |                                |
| ACH01FB0A    | 24"        |                                |
| ACL02FB0A    | 8"         | PGF348<br>PGF354               |
| ACM02FB0A    | 14"        |                                |
| ACH02FB0A    | 24"        |                                |

### ROOF CURB DIMENSIONS (inches)

| Model Number    | A      | B      | C      | D      | E | F      | G      | H  | K (ACL) | K (ACM) | K (ACH) |
|-----------------|--------|--------|--------|--------|---|--------|--------|----|---------|---------|---------|
| AC(L,M,H)01FB0A | 42-1/2 | 39-1/2 | 16     | 21-1/2 | 2 | 45-3/4 | 42-3/4 | 20 | 8       | 14      | 24      |
| AC(L,M,H)02FB0A | 44-3/4 | 41-3/4 | 18-7/8 | 20-7/8 | 2 | 45-3/4 | 42-3/4 | 22 | 8       | 14      | 24      |

NOTE: AXB020(L,M,H)A curb can be substituted for AC(L,M,H)01FB0A.

### SQUARE to ROUND TRANSITION

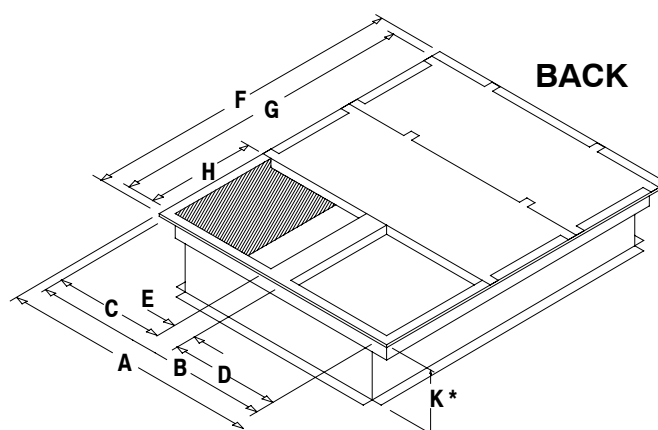
| Model Number | Round Size | Use With Roof Curb              |
|--------------|------------|---------------------------------|
| ACT01FB0A    | 16"        | ACL01FB0A, ACM01FB0A, ACH01FB0A |
| ACT02FB0A    | 18"        | ACL02FB0A, ACM02FB0A, ACH02FB0A |

### CONCENTRIC GRILLE - FLUSH MOUNT

| Model Number | Use With Roof Curb              |
|--------------|---------------------------------|
| AXB020CFA    | ACL01FB0A, ACM01FB0A, ACH01FB0A |
| AXB030CFA    | ACL02FB0A, ACM02FB0A, ACH02FB0A |

### CONCENTRIC GRILLE - STEP DOWN

| Model Number | Use With Roof Curb              |
|--------------|---------------------------------|
| AXB020CSA    | ACL01FB0A, ACM01FB0A, ACH01FB0A |
| AXB030CSA    | ACL02FB0A, ACM02FB0A, ACH02FB0A |



### Curb Dimensions

Roof Curbs available in 8", 14" and 24" Heights (K Dimensions)

### ECONOMIZERS (ALL FULLY MODULATING)\*

| Model Number | Application | Motion                                                       | Control       | Use With Model Size |
|--------------|-------------|--------------------------------------------------------------|---------------|---------------------|
| AHE01FB0A    | Horizontal  | Fully Modulating<br>w/ Return Air Damper<br>w/ Relief Damper | Enthalpy      | 24                  |
| AHE02FB0B    |             |                                                              |               | 30, 36, 42, 48, 54  |
| AEM01FB0A    | Downflow    |                                                              |               | 24                  |
| AEM03FB0B    |             |                                                              |               | 30, 36, 42          |
| AHP01FB0B    | Horizontal  | Fully Modulating<br>w/ Return Air Damper<br>w/ Relief Damper | Dry Bulb Only | 24                  |
| AHP02FB0B    |             |                                                              |               | 30, 36, 42, 48, 54  |
| AEP01FB0B    | Downflow    |                                                              |               | 24                  |
| AEP03FB0B    |             |                                                              |               | 30, 36, 42          |

\* Three position economizers no longer available.

### 0% - 35% FRESH AIR DAMPERS (use in DOWNFLOW application only) \*

| Model Number | Control   | Use With Model Size |
|--------------|-----------|---------------------|
| AFA01FB0A    | Manual    | 24                  |
| AFA02FB0A    |           | 30, 36, 42, 48, 54  |
| AFM01FB0A    | Motorized | 24                  |
| AFM02FB0A    |           | 30, 36, 42, 48, 54  |

\* Unit must have internal filters to protect evaporator coil when Fresh Air Damper is installed.

## ACCESSORIES (CONT.)

### FILTER KIT, INTERNAL (use in HORIZONTAL or DOWNFLOW application)

| Model Number | Filter Size (filters NOT supplied in kit) | Use With Model Size |
|--------------|-------------------------------------------|---------------------|
| AKF12FB0A    | 12 x 25 x 1 (2 required)                  | 24                  |
|              | 14 x 25 x 1 (2 required)                  | 30, 36, 42, 48, 54  |

### HAIL GUARD

| Model Number | Use With Model Size |
|--------------|---------------------|
| AGH01FB0A    | 24                  |
| AGH02FB0A    | 30, 36, 42, 48, 54  |

### LOW AMBIENT CONTROL

| Model Number | FAST Part Number | Use With |
|--------------|------------------|----------|
| ALA12CU0A    | 1085493          | ALL      |

## CONVERSION KITS

### NATURAL GAS TO LP CONVERSION

#### MEAN ELEVATION FEET ABOVE SEA LEVEL

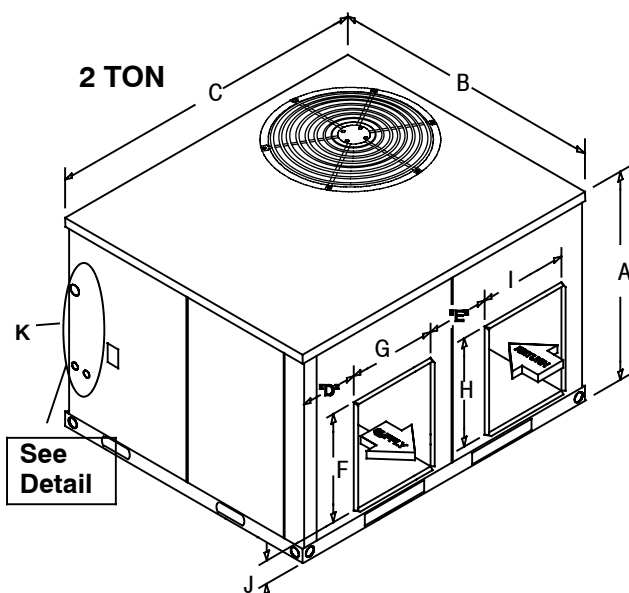
| Nominal Heating Size | 0 to 2000       |                | 2001 to 4000    |                | 4001 to 7000    |                | 7001 to 9000    |                | 9001 to 10,000  |                |
|----------------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|
|                      | Orifice Drill # | Kit #          | Orifice Drill # | Kit #          | Orifice Drill # | Kit #          | Orifice Drill # | Kit #          | Orifice Drill # | Kit #          |
| 040, 060, 080        | 55              | <b>1173857</b> | 55              | <b>1173857</b> | 56              | <b>1173859</b> | 56              | <b>1173859</b> | 57              | <b>1173861</b> |
| 100, 120, 140        | 54              | <b>1173855</b> | 55              | <b>1173857</b> | 55              | <b>1173857</b> | 56              | <b>1173859</b> | 56              | <b>1173859</b> |

### LP TO NATURAL GAS CONVERSION

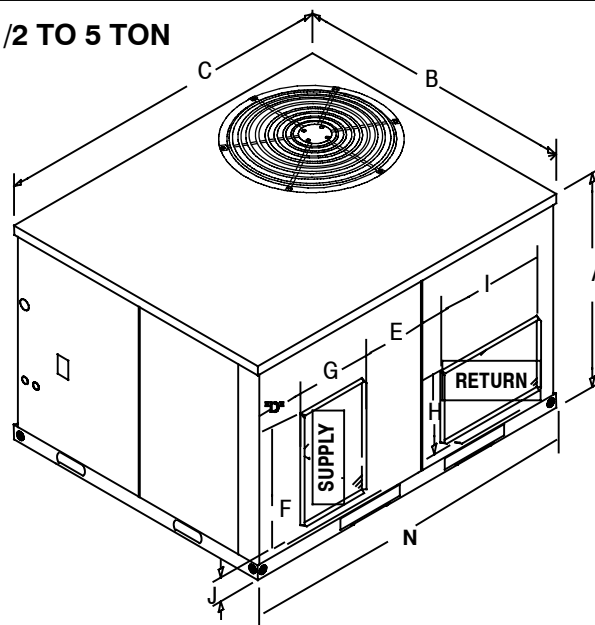
#### MEAN ELEVATION FEET ABOVE SEA LEVEL

| Nominal Heating Size | 0 to 2000       |                | 2001 to 4000    | 4001 to 5000 | 5001 to 6000 | 6001 to 7000 | 7001 to 8000 | 8001 to 9000 | 9001 to 10000 |
|----------------------|-----------------|----------------|-----------------|--------------|--------------|--------------|--------------|--------------|---------------|
|                      | Orifice Drill # | Kit #          | Orifice Drill # |              |              |              |              |              |               |
| 040, 060, 080        | 44              | <b>1173863</b> | 45              | 46           | 47           | 47           | 48           | 48           | 49            |
| 100                  | 41              | <b>1173865</b> | 43              | 43           | 43           | 44           | 44           | 45           | 46            |
| 120, 140             | 42              | <b>1173865</b> | 43              | 43           | 44           | 44           | 45           | 46           | 47            |

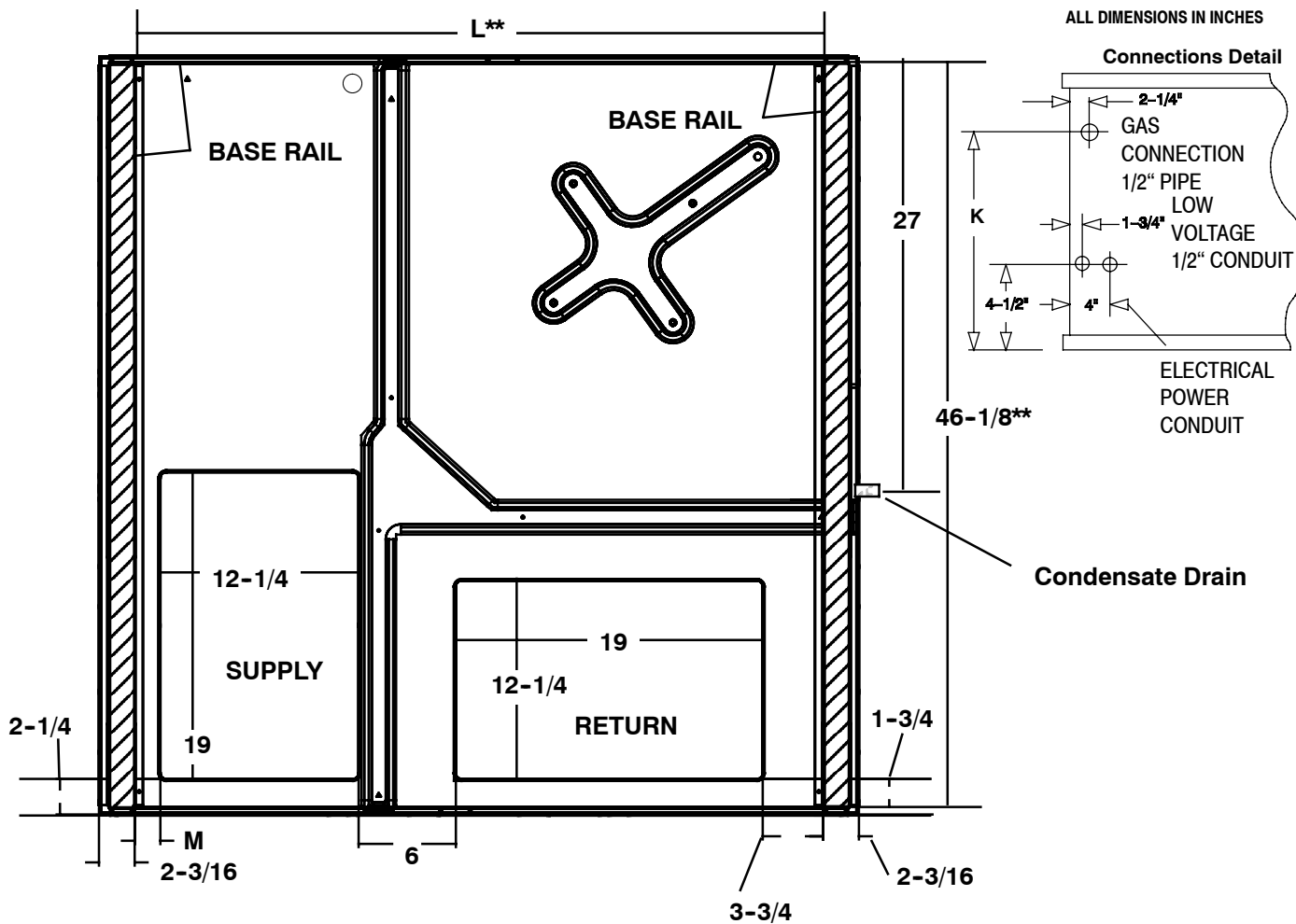
# UNIT DIMENSIONS



2-1/2 TO 5 TON



## BASE PAN - CHASSIS



| UNIT SIZE          | A      | B      | C      | D     | E     | F  | G  | H  | I  | J     | K      | L      | M      | N      |
|--------------------|--------|--------|--------|-------|-------|----|----|----|----|-------|--------|--------|--------|--------|
| 2 Ton              | 29-1/2 | 47-1/2 | 47-1/2 | 3     | 9-1/2 | 12 | 14 | 12 | 14 | 4-1/2 | 16     | 42-3/4 | 1-9/16 | 46-1/2 |
| 2-1/2 TO 3-1/2 Ton | 37-1/2 | 47-1/2 | 47-1/2 | 3-1/2 | 6-1/2 | 19 | 12 | 12 | 19 | 4-1/2 | 21-1/2 | 42-3/4 | 1-9/16 | 46-1/2 |
| 4 TO 5 Ton *       | 37-1/2 | 47-1/2 | 51     | 7-1/2 | 6-1/2 | 19 | 12 | 12 | 19 | 4-1/2 | 21-1/2 | 46-1/4 | 5-3/16 | 49-3/4 |

\*\* Measured from inside to inside on base rails.

## MODEL NUMBER IDENTIFICATION GUIDE

| Product Family             | SEER   | Nominal Cooling Capacity Btuh | Heating Input Btuh | Voltage          | Option Code | Design Code | Eng. Rev. Code |
|----------------------------|--------|-------------------------------|--------------------|------------------|-------------|-------------|----------------|
| PGF - Package Gas/Electric | 3 = 13 | 24 = 24,000                   | 000 = N/A          | K = 208/230-1-60 | 00 = Nat    | A           | 1              |
|                            |        | 30 = 30,000                   | 040 = 40,000       |                  | 01 = Lo Nox |             |                |
|                            |        | 36 = 36,000                   | 060 = 60,000       |                  |             |             |                |
|                            |        | 42 = 42,000                   | 080 = 80,000       |                  |             |             |                |
|                            |        | 48 = 48,000                   | 100 = 100,000      |                  |             |             |                |
|                            |        | 54 = 54,000                   | 120 = 120,000      |                  |             |             |                |
| Example: PGF               | 3      | 24                            | 060                | K                | 00          | A           | 1              |

## GUIDE SPECIFICATION

### CABINET

The cabinet is made of triple-coated steel, consisting of a Polyester top coat, a urethane primer coat preceded by an oxide pretreatment. One piece weather resistant top. The base rails are 16 gauge steel with fork lift slots and holes provided for lifting shackles. The unit is designed with convertible airflow for either horizontal or downflow applications with conversion accomplished by relocating two panels. Indoor blower compartment interior cabinet surfaces are insulated with a minimum 1/2" thick, flexible glass insulation, coated on the air side. Aluminum foil faced glass fiber insulation is used in the furnace compartment.

### COOLING SECTION

The unit is factory charged and operationally ready upon delivery. The unit refrigerant circuit has a high efficiency scroll compressor with internal overload protection, and copper tube / aluminum fin evaporator and condenser coils. The unit is designed for cooling operation to 40° F and will be capable of being wired for field installed economizer type accessories.

### COILS

The evaporator and condenser coils are fabricated with aluminum fins mechanically bonded to copper tubing. Both coils are pressure tested prior to assembly into the unit and electronically leak tested after assembly into the unit.

### CONDENSER FAN

The unit has a single direct-drive propeller-fan / motor assembly. The assembly is mounted directly to a vertical-discharge grille that is easily removed for service. Motors are 1100 RPM with sleeve or ball bearings and internal overload protection.

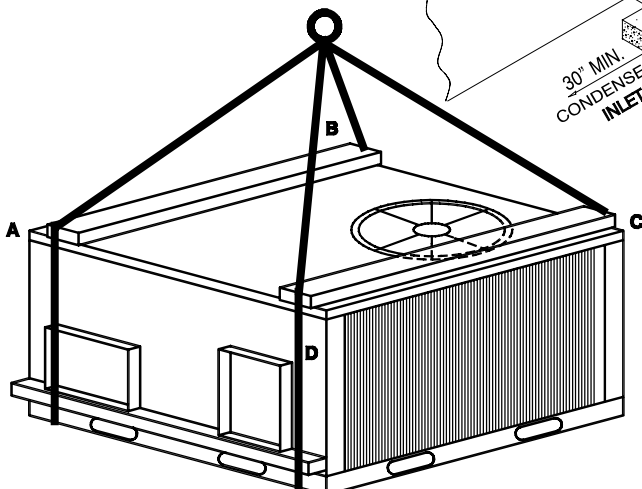
### EVAPORATOR BLOWER

All units have a direct-drive evaporator blower motor as a standard. The direct-drive evaporator blower motor has sleeve bearings and internal overload protection.

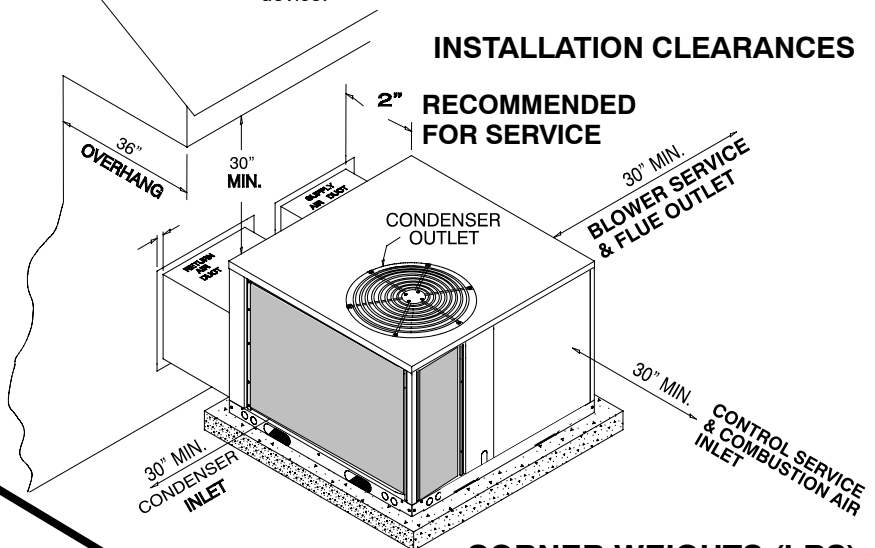
### HEATING SECTION

The gas-fired heating section features an induced draft blower for combustion air. The unit has an aluminized steel serpentine clamshell heat exchanger located on the discharge air side of the blower. The system uses in-shot burners ignited by a hot surface pilot ignition system, protected by both a high heat limit switch and flame roll-out switch. The induced draft blower motor is interlocked with a proven air pressure safety device.

### RIGGING DETAILS



### INSTALLATION CLEARANCES



### CORNER WEIGHTS (LBS)

| UNIT SIZE | A | B | C | D | OPERATING WEIGHT TOTAL |
|-----------|---|---|---|---|------------------------|
| 2 TON     |   |   |   |   | 338                    |
| 2-1/2 TON |   |   |   |   | 327                    |
| 3 TON     |   |   |   |   | 344                    |
| 3-1/2 TON |   |   |   |   | 420                    |
| 4 TON     |   |   |   |   | 490                    |
| 5 TON     |   |   |   |   | 500                    |