

## TECHNICAL SPECIFICATIONS

# R8GD Series

### Single Packaged Gas/Electric Units 13 SEER, R-410A, 80% AFUE 2 Ton thru 5 Ton Units

The R8GD Series single packaged gas/electrics are high efficiency self contained cooling units that can be installed on the roof or on a slab. The convertible unit design makes installations simple in all applications. Units are ETL and ETLc listed.



## WARRANTY

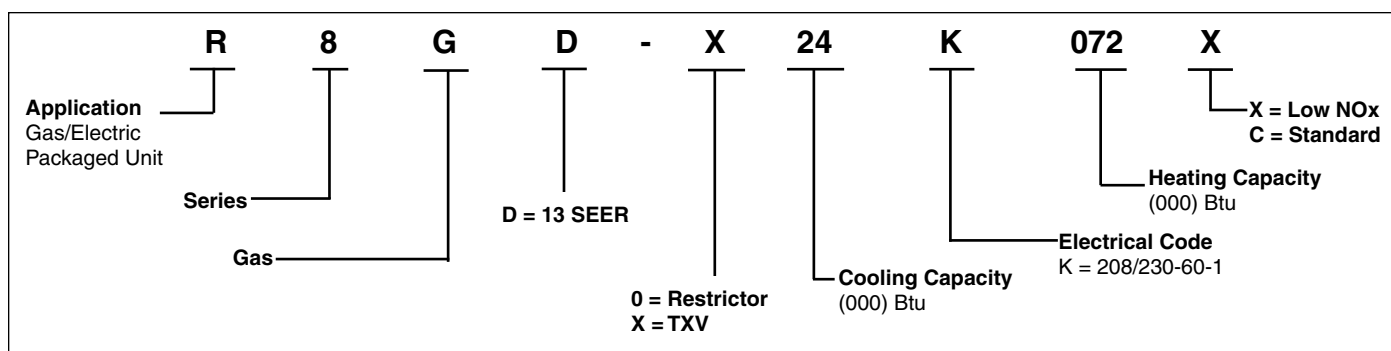
- This product offers a 10 year All Parts Warranty.
- This product offers a 10 year Quality Pledge to replace the entire unit, if the unit's major component (heat exchanger or compressor) fails within the first 10 years of operation, to the original owner.
- Consumer product registration required for both 10 year All Parts Warranty and Quality Pledge within a limited period of time after the installation. See current warranty document or visit our consumer web site listed on the back of this document for warranty details.

## FEATURES and BENEFITS

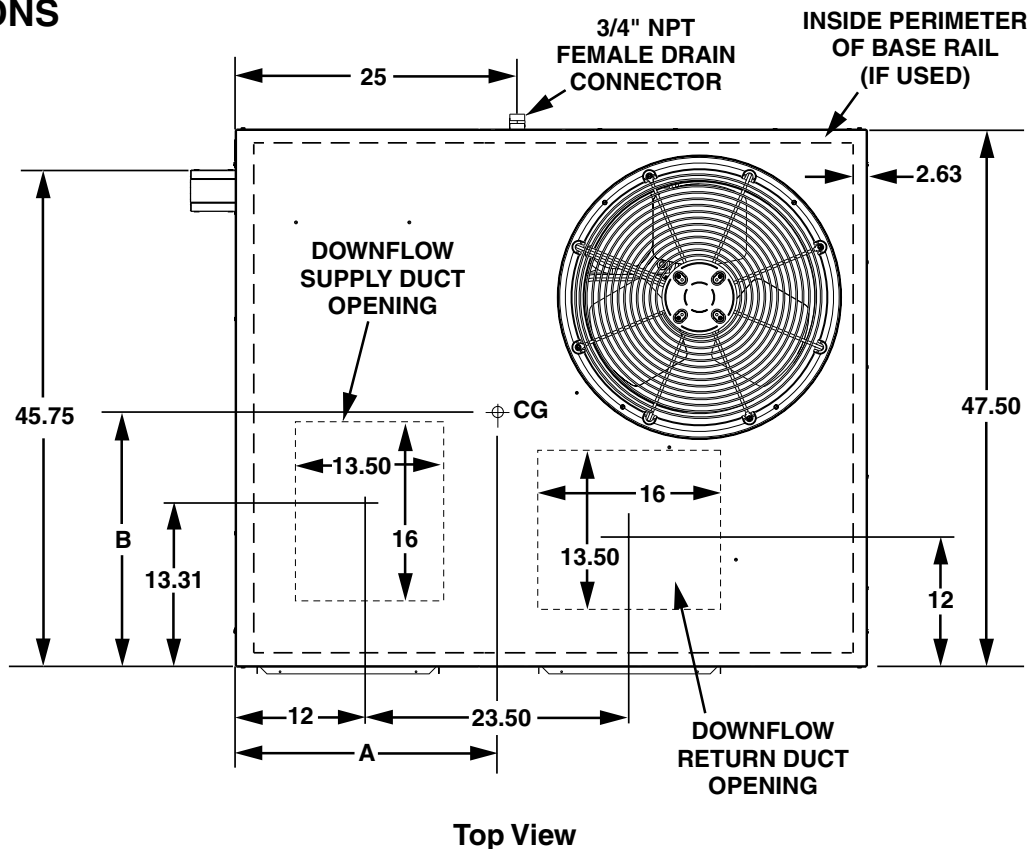
- **Quality Compressor:** State of the art Copeland Scroll compressor is standard equipment.
- **Proven, Industry Standard Components:** Easier service and availability.
- **R-410A Refrigerant:** Environmentally friendly.
- **High and Low Pressure Switch:** Added compressor protection.
- **Micro-Channel Coils:** Both indoor and outdoor all aluminum coils are designed to optimize heat transfer, minimize size and cost, and increase durability and reliability.
- **Liquid Line Filter Driers:** Factory installed at a convenient location for service.
- **Externally Accessible Service Ports:** Quick access to refrigerant system without disrupting operation.
- **Compact Footprint/Low Profile:** Easy to handle and transport.
- **Heavy-Gauge Full Perimeter Base Rails:** Facilitates forklift handling and curb mounting.
- **Convertible Air Delivery:** Horizontal or downflow to accommodate rooftop or horizontal application.
- **Galvanized Steel Cabinet:** Polyurethane finish provides 950 hour salt spray protection to resist corrosion.
- **Wire Guard Coated with Earth Friendly Epoxy and Mesh Hail Guard:** Will never rust and protect the coil from being damaged by balls, lawnmowers, hail etc.
- **Access to Controls and Major Components:** Easy in and out service.
- **Low Voltage Transformer:** Includes 3 Amp fuse to protect low voltage circuit.
- **Corrosion-Resistant Drain Pan:** Quickly drains away evaporator condensate.
- **One Piece Top for Great Fit and Finish, Total Seal:** Well designed, quality construction. Drip edge on top panels whisks away rainwater. Embossed bottom pan keeps blower component compartment dry.
- **Quiet Operation:** Low vibration. 20" fan blade combined with custom venturi condenser fan.
- **SmartLite® Control Board:** Provides extended life to igniters using hot surface ignition technology. Programmed to learn the heat-up characteristics of the igniter, then adapt the ignition time to the characteristics of the furnace so the igniter is energized appropriately.
- **Hot Surface igniter:** Innovative application of an appliance type igniter with a 20 year history of reliability.
- **Accessories:** Roof curbs and more.



## MODEL IDENTIFICATION CODE



## DIMENSIONS

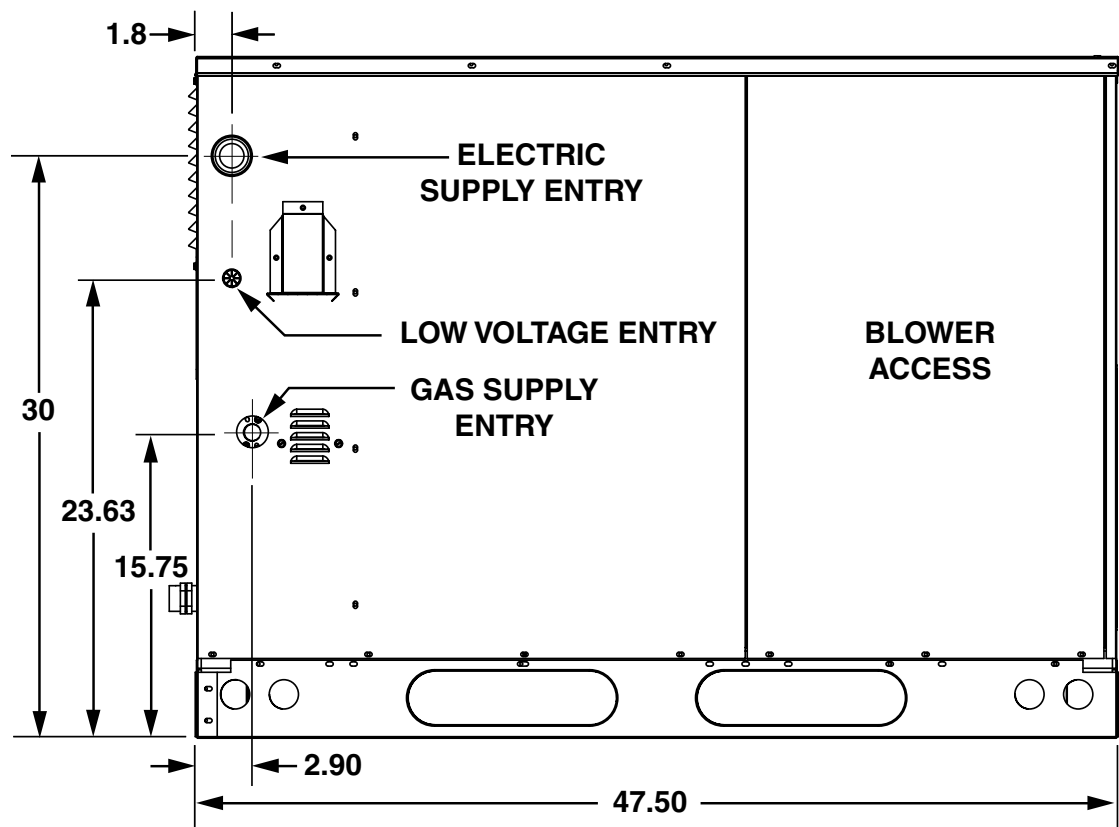


Top View

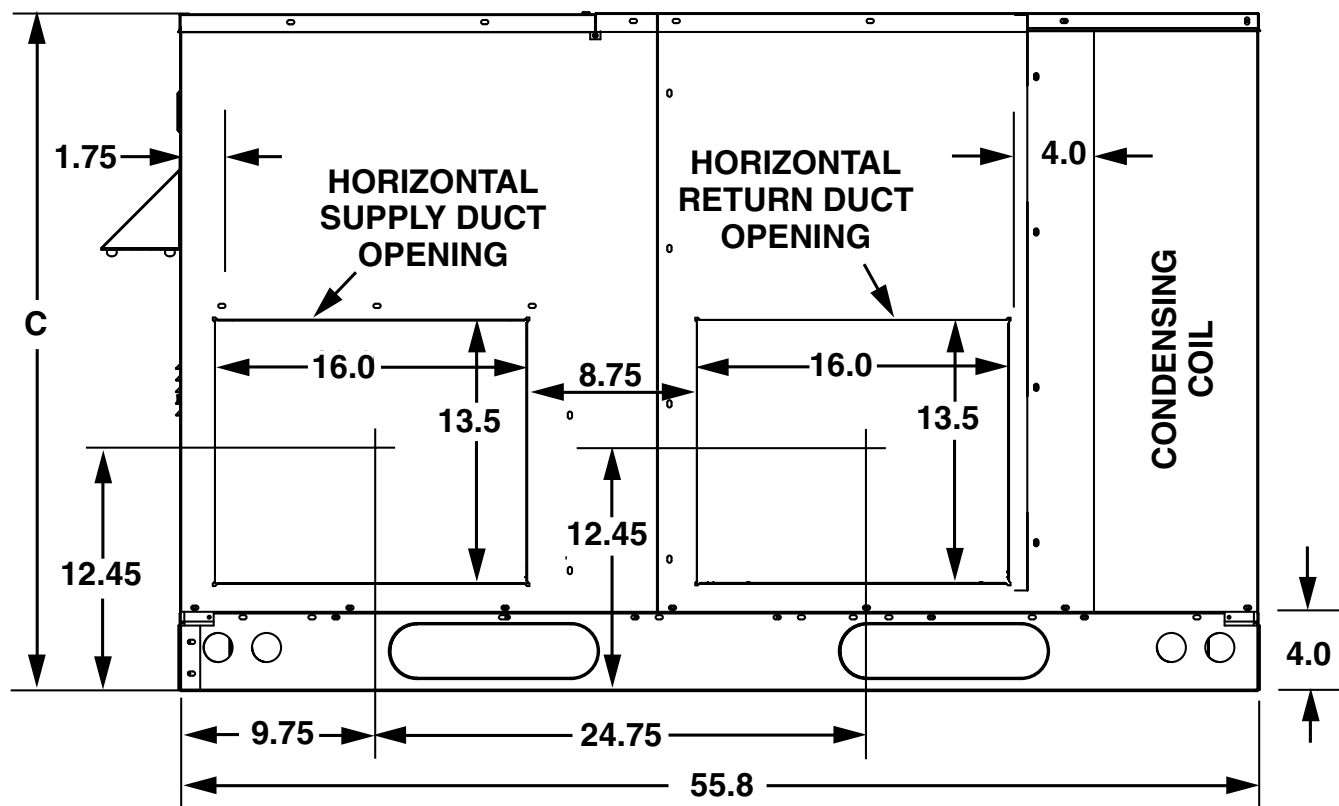
| Model Number<br>R8GD | Unit Weight | Shipping Weight | Center of Gravity |      | Height in inches (C) |                    |
|----------------------|-------------|-----------------|-------------------|------|----------------------|--------------------|
|                      |             |                 | A                 | B    | with base rails      | without base rails |
| 024K045†             | 397         | 413             | 26.5              | 26.5 | 35.0                 | 31.3               |
| 024K072†             | 405         | 421             | 26.0              | 26.5 | 35.0                 | 31.3               |
| 030K045†             | 398         | 414             | 26.5              | 26.5 | 35.0                 | 31.3               |
| 030K072†             | 406         | 422             | 26.0              | 26.5 | 35.0                 | 31.3               |
| 036K072†             | 403         | 419             | 26.5              | 26.5 | 35.0                 | 31.3               |
| 036K096†             | 411         | 427             | 26.5              | 26.5 | 35.0                 | 31.3               |
| 042K072†             | 435         | 453             | 27.0              | 26.5 | 39.0                 | 35.3               |
| 042K096†             | 443         | 461             | 27.0              | 26.5 | 39.0                 | 35.3               |
| 048K096†             | 453         | 470             | 27.5              | 26.5 | 39.0                 | 35.3               |
| 048K120†             | 461         | 478             | 27.5              | 26.5 | 39.0                 | 35.3               |
| X60K096†             | 472         | 489             | 27.5              | 26.5 | 43.0                 | 39.3               |
| X60K120†             | 480         | 497             | 27.5              | 26.5 | 43.0                 | 39.3               |

† Denotes "C" or "X"

DIMENSIONS (Continued)



Side View



Back View

# SPECIFICATIONS AND ELECTRICAL DATA

## SINGLE PHASE

| MODEL R8GD                       | -024K045(*) | -024K072(*) | -030K045(*) | -030K072(*) | -036K072(*)  | -042K72(*)   | -042K96(*)   | -048K96(*)   | -048K120(*)  | -X60K096(*)  | -X60K120(*)  |
|----------------------------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Performance</b>               |             |             |             |             |              |              |              |              |              |              |              |
| Heating Input Btuh               | 45,000      | 72,000      | 45,000      | 72,000      | 72,000       | 96,000       | 96,000       | 96,000       | 120,000      | 96,000       | 120,000      |
| Heating Output Btuh              | 36,000      | 57,600      | 36,000      | 57,600      | 57,600       | 76,800       | 76,800       | 76,800       | 96,000       | 76,800       | 96,000       |
| Capacity-Cooling Btuh            | 23,600      | 23,600      | 29,000      | 29,000      | 35,800       | 42,000       | 42,000       | 46,000       | 46,000       | 57,000       | 57,000       |
| AFUE                             | 80          | 80          | 80          | 80          | 80           | 80           | 80           | 80           | 80           | 80           | 80           |
| Efficiency -- SEER               | 13.0        | 13.0        | 13.0        | 13.0        | 13.0         | 13.0         | 13.0         | 13.0         | 13.0         | 13.0         | 13.0         |
| Efficiency -- EER                | 11.0        | 11.0        | 11.0        | 11.0        | 11.0         | 11.0         | 11.0         | 11.0         | 11.0         | 11.0         | 11.0         |
| <b>Electrical Rating - 60 Hz</b> |             |             |             |             |              |              |              |              |              |              |              |
| Phase                            | 1           | 1           | 1           | 1           | 1            | 1            | 1            | 1            | 1            | 1            | 1            |
| Operating Voltage Range          | 187 - 253   | 187 - 253   | 187 - 253   | 187 - 253   | 187 - 253    | 187 - 253    | 187 - 253    | 187 - 253    | 187 - 253    | 187 - 253    | 187 - 253    |
| Minimum Circuit Ampacity         | 18.3        | 18.3        | 22.4        | 22.4        | 28.3         | 32.7         | 32.7         | 36.8         | 36.8         | 44.6         | 44.6         |
| Max. Overcurrent Protection      | 30          | 30          | 35          | 35          | 45           | 50           | 50           | 60           | 60           | 70           | 70           |
| <b>Compressor Data</b>           |             |             |             |             |              |              |              |              |              |              |              |
| Volts                            | 208 / 230   | 208 / 230   | 208 / 230   | 208 / 230   | 208 / 230    | 208 / 230    | 208 / 230    | 208 / 230    | 208 / 230    | 208 / 230    | 208 / 230    |
| Rated Load Amps                  | 12.8        | 12.8        | 15.7        | 15.7        | 18.6         | 22.1         | 22.1         | 24.3         | 24.3         | 29.3         | 29.3         |
| Lock Rotor Amps                  | 58.3        | 58.3        | 73          | 73          | 79           | 109          | 109          | 117          | 117          | 134          | 134          |
| <b>Indoor Blower</b>             |             |             |             |             |              |              |              |              |              |              |              |
| Wheel Diameter                   | 10 x 10     | 10 x 10     | 10 x 10     | 10 x 10     | 10 x 10      | 11 x 10      | 11 x 10      | 11 x 10      | 11 x 10      | 11 x 10      | 11 x 10      |
| Motor Type                       | PSC         | PSC         | PSC         | PSC         | Fixed Torque | Fixed Torque | Fixed Torque | Fixed Torque | Fixed Torque | Fixed Torque | Fixed Torque |
| Motor HP                         | 1/4         | 1/4         | 1/4         | 1/4         | 1/2          | 1/2          | 1/2          | 3/4          | 3/4          | 1            | 1            |
| Motor Amps                       | 1.3         | 1.3         | 1.3         | 1.3         | 3.6          | 3.6          | 3.6          | 5.0          | 5.0          | 6.5          | 6.5          |
| <b>Outdoor Fan</b>               |             |             |             |             |              |              |              |              |              |              |              |
| Motor HP                         | 1/5         | 1/5         | 1/4         | 1/4         | 1/4          | 1/4          | 1/4          | 1/4          | 1/4          | 1/3          | 1/3          |
| Motor Amps                       | 1.0         | 1.0         | 1.46        | 1.46        | 1.46         | 1.46         | 1.46         | 1.46         | 1.46         | 1.5          | 1.5          |
| Fan Diameter/CFM                 | 20" / 3800  | 20" / 3800  | 20" / 3800  | 20" / 3800  | 20" / 3800   | 20" / 3800   | 20" / 3800   | 20" / 3800   | 20" / 3800   | 20" / 3800   | 20" / 3800   |
| Refrigerant Charge (oz)          | 60          | 60          | 64          | 64          | 59           | 71           | 71           | 62           | 62           | 64           | 64           |
| Sound Rating                     | 71          | 71          | 76          | 76          | 78           | 78           | 78           | 77           | 77           | 78           | 78           |

# AIRFLOW DATA

| External Static Pressure Drop - inches water column |                       |                        |                            |             |          |                          |       |           |       |           |       |           |       |           |       |           |       |           |       |           |       |           |
|-----------------------------------------------------|-----------------------|------------------------|----------------------------|-------------|----------|--------------------------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|
| Model Number R8GD                                   | Heating Input (Btu/h) | Heating Output (Btu/h) | Heating Rise Range (Btu/h) | Blower Size | Motor HP | Motor Tap                | 0.1   |           | 0.2   |           | 0.3   |           | 0.4   |           | 0.5   |           | 0.6   |           | 0.7   |           | 0.8   |           |
|                                                     |                       |                        |                            |             |          |                          | (cfm) | (°F) Rise | (cfm) | (°F) Rise | (cfm) | (°F) Rise | (cfm) | (°F) Rise | (cfm) | (°F) Rise | (cfm) | (°F) Rise | (cfm) | (°F) Rise | (cfm) | (°F) Rise |
| 024K045(†)                                          | 45,000                | 36,000                 | 30-60                      | 10 x 10     | 1/4      | LOW ***<br>MED<br>HIGH   | 1015  | 34        | 955   | 36        | 880   | 39        | 805   | 43        | 715   | 48        | 635   | 54        | 545   | 63        | 485   | 71        |
|                                                     |                       |                        |                            |             |          |                          | 1255  | 28        | 1190  | 29        | 1125  | 31        | 1055  | 33        | 965   | 36        | 860   | 40        | 765   | 45        | 680   | 51        |
|                                                     |                       |                        |                            |             |          |                          | 1460  | 24        | 1385  | 25        | 1315  | 26        | 1240  | 28        | 1160  | 30        | 1050  | 33        | 935   | 37        | 830   | 42        |
| 024K072(†)                                          | 72,000                | 57,600                 | 40-70                      | 10 x 10     | 1/4      | LOW*<br>MED **<br>HIGH   | 1015  | 55        | 955   | 58        | 880   | 63        | 805   | 69        | 715   | 77        | 635   | 87        | 545   | 102       | 485   | 114       |
|                                                     |                       |                        |                            |             |          |                          | 1255  | 44        | 1190  | 46        | 1125  | 49        | 1055  | 52        | 965   | 57        | 860   | 64        | 765   | 72        | 680   | 81        |
|                                                     |                       |                        |                            |             |          |                          | 1460  | 38        | 1385  | 40        | 1315  | 42        | 1240  | 45        | 1160  | 48        | 1050  | 53        | 935   | 59        | 830   | 67        |
| 030K045(†)                                          | 45,000                | 36,000                 | 30-60                      | 10 x 10     | 1/4      | LOW **<br>MED **<br>HIGH | 1015  | 34        | 955   | 36        | 880   | 39        | 805   | 43        | 715   | 48        | 635   | 54        | 545   | 63        | 485   | 71        |
|                                                     |                       |                        |                            |             |          |                          | 1255  | 28        | 1190  | 29        | 1125  | 31        | 1055  | 33        | 965   | 36        | 860   | 40        | 765   | 45        | 680   | 51        |
|                                                     |                       |                        |                            |             |          |                          | 1460  | 24        | 1385  | 25        | 1315  | 26        | 1240  | 28        | 1160  | 30        | 1050  | 33        | 935   | 37        | 830   | 42        |
| 030K072(†)                                          | 72,000                | 57,600                 | 40-70                      | 10 x 10     | 1/4      | LOW<br>MED ***<br>HIGH   | 1015  | 55        | 955   | 58        | 880   | 63        | 805   | 69        | 715   | 77        | 635   | 87        | 545   | 102       | 485   | 114       |
|                                                     |                       |                        |                            |             |          |                          | 1255  | 44        | 1190  | 46        | 1125  | 49        | 1055  | 52        | 965   | 57        | 860   | 64        | 765   | 72        | 680   | 81        |
|                                                     |                       |                        |                            |             |          |                          | 1460  | 38        | 1385  | 40        | 1315  | 42        | 1240  | 45        | 1160  | 48        | 1050  | 53        | 935   | 59        | 830   | 67        |
| 036K072(†)                                          | 72,000                | 57,600                 | 40-70                      | 10 x 10     | 1/2      | Tap T1                   | 1085  | 51        | 1025  | 54        | 975   | 57        | 925   | 60        | 850   | 65        | 790   | 70        | 745   | 74        | 695   | 80        |
|                                                     |                       |                        |                            |             |          | Tap T2 **                | 1249  | 44        | 1178  | 47        | 1123  | 49        | 1065  | 52        | 979   | 57        | 908   | 61        | 858   | 64        | 800   | 69        |
|                                                     |                       |                        |                            |             |          | Tap T3                   | 1390  | 40        | 1310  | 42        | 1250  | 44        | 1185  | 47        | 1090  | 51        | 1010  | 55        | 955   | 58        | 890   | 62        |
|                                                     |                       |                        |                            |             |          | Tap T4 *                 | 1495  | 37        | 1445  | 38        | 1400  | 40        | 1355  | 41        | 1305  | 42        | 1260  | 44        | 1210  | 46        | 1155  | 48        |
|                                                     |                       |                        |                            |             |          | Tap T5                   | 1560  | 35        | 1515  | 37        | 1470  | 38        | 1420  | 39        | 1370  | 40        | 1325  | 42        | 1280  | 43        | 1225  | 45        |
| 036K096(†)                                          | 96,000                | 76,800                 | 45-75                      | 10 x 10     | 1/2      | Tap T1                   | 1085  | 68        | 1025  | 72        | 975   | 76        | 925   | 80        | 850   | 87        | 790   | 93        | 745   | 99        | 695   | 106       |
|                                                     |                       |                        |                            |             |          | Tap T2                   | 1249  | 59        | 1178  | 63        | 1123  | 66        | 1065  | 69        | 979   | 75        | 908   | 81        | 858   | 86        | 800   | 92        |
|                                                     |                       |                        |                            |             |          | Tap T3 **                | 1390  | 53        | 1310  | 56        | 1250  | 59        | 1185  | 62        | 1090  | 68        | 1010  | 73        | 955   | 77        | 890   | 83        |
|                                                     |                       |                        |                            |             |          | Tap T4 *                 | 1495  | 49        | 1445  | 51        | 1400  | 53        | 1355  | 54        | 1305  | 57        | 1260  | 59        | 1210  | 61        | 1155  | 64        |
|                                                     |                       |                        |                            |             |          | Tap T5                   | 1560  | 47        | 1515  | 49        | 1470  | 50        | 1420  | 52        | 1370  | 54        | 1325  | 56        | 1280  | 58        | 1225  | 60        |

\* Denotes factory set cooling speed

\*\* Denotes factory set heating speed

\*\*\* Denotes factory set cooling and heating speed

(†) Part number may contain a C or X.

Heat rise: Btu/h (Input) = CFM \* Δ T \* 1.08

Δ T = (Btu/h \* 0.83) / (CFM \* 1.08)

# AIRFLOW DATA CONTINUED

| External Static Pressure Drop - inches water column |                          |                           |                                  |                |             |              |       |              |       |              |       |              |       |              |       |              |       |              |       |              |      |     |
|-----------------------------------------------------|--------------------------|---------------------------|----------------------------------|----------------|-------------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|------|-----|
| Model Number<br>R8GD                                | Heating Input<br>(Btu/h) | Heating Output<br>(Btu/h) | Heating Rise<br>Range<br>(Btu/h) | Blower<br>Size | Motor<br>HP | Motor<br>Tap | 0.1   |              | 0.2   |              | 0.3   |              | 0.4   |              | 0.5   |              | 0.6   |              | 0.7   |              | 0.8  |     |
|                                                     |                          |                           |                                  |                |             |              | (cfm) | (°F)<br>Rise | (cfm) | (°F)<br>Rise | (cfm) | (°F)<br>Rise | (cfm) | (°F)<br>Rise | (cfm) | (°F)<br>Rise | (cfm) | (°F)<br>Rise | (cfm) | (°F)<br>Rise |      |     |
|                                                     |                          |                           |                                  |                |             |              |       |              |       |              |       |              |       |              |       |              |       |              |       |              |      |     |
| 042K072(†)                                          | 72,000                   | 57,600                    | 35-65                            | 11 x 10        | 1/2         | Tap T1       | 1140  | 49           | 1075  | 51           | 1110  | 50           | 940   | 59           | 850   | 65           | 770   | 72           | 715   | 77           | 640  | 86  |
|                                                     |                          |                           |                                  |                |             | Tap T2 **    | 1310  | 42           | 1250  | 44           | 1180  | 47           | 1130  | 49           | 1050  | 53           | 975   | 57           | 895   | 62           | 830  | 67  |
|                                                     |                          |                           |                                  |                |             | Tap T3 *     | 1490  | 37           | 1440  | 38           | 1380  | 40           | 1320  | 42           | 1255  | 44           | 1175  | 47           | 1090  | 51           | 1020 | 54  |
|                                                     |                          |                           |                                  |                |             | Tap T4       | 1621  | 34           | 1571  | 35           | 1511  | 37           | 1466  | 38           | 1409  | 39           | 1336  | 41           | 1255  | 44           | 1185 | 47  |
|                                                     |                          |                           |                                  |                |             | Tap T5       | 1665  | 33           | 1615  | 34           | 1555  | 36           | 1515  | 37           | 1460  | 38           | 1390  | 40           | 1310  | 42           | 1240 | 45  |
| 042K096(†)                                          | 96,000                   | 76,800                    | 40-70                            | 11 x 10        | 1/2         | Tap T1       | 1310  | 56           | 1250  | 59           | 1180  | 63           | 1130  | 65           | 1050  | 70           | 975   | 76           | 895   | 82           | 830  | 89  |
|                                                     |                          |                           |                                  |                |             | Tap T2 *     | 1490  | 50           | 1440  | 51           | 1380  | 53           | 1320  | 56           | 1255  | 59           | 1175  | 63           | 1090  | 68           | 1020 | 72  |
|                                                     |                          |                           |                                  |                |             | Tap T3 **    | 1556  | 47           | 1506  | 49           | 1446  | 51           | 1393  | 53           | 1332  | 55           | 1256  | 59           | 1173  | 63           | 1103 | 67  |
|                                                     |                          |                           |                                  |                |             | Tap T4       | 1621  | 46           | 1571  | 47           | 1511  | 49           | 1466  | 50           | 1409  | 52           | 1336  | 55           | 1255  | 59           | 1185 | 62  |
|                                                     |                          |                           |                                  |                |             | Tap T5       | 1665  | 44           | 1615  | 46           | 1555  | 47           | 1515  | 49           | 1460  | 51           | 1390  | 53           | 1310  | 56           | 1240 | 59  |
| 048K096(†)                                          | 96,000                   | 76,800                    | 40-70                            | 11 x 10        | 3/4         | Tap T1       | 1270  | 58           | 1205  | 61           | 1140  | 65           | 1050  | 70           | 980   | 75           | 920   | 80           | 830   | 89           | 770  | 96  |
|                                                     |                          |                           |                                  |                |             | Tap T2 **    | 1540  | 48           | 1465  | 50           | 1400  | 53           | 1345  | 55           | 1275  | 58           | 1210  | 61           | 1150  | 64           | 1085 | 68  |
|                                                     |                          |                           |                                  |                |             | Tap T3 *     | 1775  | 42           | 1710  | 43           | 1650  | 45           | 1600  | 46           | 1540  | 48           | 1485  | 50           | 1425  | 52           | 1365 | 54  |
|                                                     |                          |                           |                                  |                |             | Tap T4       | 1878  | 39           | 1821  | 41           | 1764  | 42           | 1716  | 43           | 1654  | 45           | 1594  | 46           | 1534  | 48           | 1479 | 50  |
|                                                     |                          |                           |                                  |                |             | Tap T5       | 2015  | 37           | 1970  | 37           | 1915  | 39           | 1870  | 39           | 1805  | 41           | 1740  | 42           | 1680  | 44           | 1630 | 45  |
| 048K120(†)                                          | 120,000                  | 96,000                    | 45-75                            | 11 x 10        | 3/4         | Tap T1       | 1405  | 66           | 1335  | 69           | 1270  | 73           | 1200  | 77           | 1125  | 82           | 1065  | 87           | 990   | 93           | 925  | 100 |
|                                                     |                          |                           |                                  |                |             | Tap T2 **    | 1640  | 56           | 1565  | 59           | 1500  | 61           | 1445  | 64           | 1375  | 67           | 1310  | 70           | 1250  | 74           | 1185 | 78  |
|                                                     |                          |                           |                                  |                |             | Tap T3 *     | 1775  | 52           | 1710  | 54           | 1650  | 56           | 1600  | 58           | 1540  | 60           | 1485  | 62           | 1425  | 65           | 1365 | 68  |
|                                                     |                          |                           |                                  |                |             | Tap T4       | 1878  | 49           | 1821  | 51           | 1764  | 52           | 1716  | 54           | 1654  | 56           | 1594  | 58           | 1534  | 60           | 1479 | 62  |
|                                                     |                          |                           |                                  |                |             | Tap T5       | 2015  | 46           | 1970  | 47           | 1915  | 48           | 1870  | 49           | 1805  | 51           | 1740  | 53           | 1680  | 55           | 1630 | 57  |
| 060K096(†)                                          | 96,000                   | 76,800                    | 40-70                            | 11 x 10        | 1           | Tap T1       | 1240  | 59           | 1185  | 62           | 1130  | 65           | 1065  | 69           | 1010  | 73           | 940   | 78           | 880   | 84           | 820  | 90  |
|                                                     |                          |                           |                                  |                |             | Tap T2 **    | 1635  | 45           | 1595  | 46           | 1510  | 49           | 1485  | 50           | 1425  | 52           | 1365  | 54           | 1305  | 57           | 1245 | 59  |
|                                                     |                          |                           |                                  |                |             | Tap T3 *     | 1900  | 39           | 1855  | 40           | 1795  | 41           | 1750  | 42           | 1700  | 43           | 1650  | 45           | 1595  | 46           | 1535 | 48  |
|                                                     |                          |                           |                                  |                |             | Tap T4       | 2045  | 36           | 2010  | 37           | 1955  | 38           | 1890  | 39           | 1835  | 40           | 1790  | 41           | 1740  | 42           | 1695 | 44  |
|                                                     |                          |                           |                                  |                |             | Tap T5       | 2250  | 33           | 2235  | 33           | 2180  | 34           | 2150  | 34           | 2120  | 35           | 2080  | 35           | 2025  | 36           | 2005 | 37  |
| 060K120(†)                                          | 120,000                  | 96,000                    | 45-75                            | 11 x 10        | 1           | Tap T1       | 1240  | 74           | 1185  | 78           | 1130  | 82           | 1065  | 87           | 1010  | 91           | 940   | 98           | 880   | 105          | 820  | 112 |
|                                                     |                          |                           |                                  |                |             | Tap T2 **    | 1635  | 56           | 1595  | 58           | 1510  | 61           | 1485  | 62           | 1425  | 65           | 1365  | 68           | 1305  | 71           | 1245 | 74  |
|                                                     |                          |                           |                                  |                |             | Tap T3 *     | 1900  | 49           | 1855  | 50           | 1795  | 51           | 1750  | 53           | 1700  | 54           | 1650  | 56           | 1595  | 58           | 1535 | 60  |
|                                                     |                          |                           |                                  |                |             | Tap T4       | 2045  | 45           | 2010  | 46           | 1955  | 47           | 1890  | 49           | 1835  | 50           | 1790  | 52           | 1740  | 53           | 1695 | 54  |
|                                                     |                          |                           |                                  |                |             | Tap T5       | 2250  | 41           | 2235  | 41           | 2180  | 42           | 2150  | 43           | 2120  | 44           | 2080  | 44           | 2025  | 46           | 2005 | 46  |

\* Denotes factory set cooling speed

\*\* Denotes factory set heating speed

\*\*\* Denotes factory set cooling and heating speed

(†) Part number may contain a C or X.

Heat rise: Btu/h (Input) = CFM \* Δ T \* 1.08

Δ T = (Btu/h \* 0.83) / (CFM \* 1.08)

# EXPANDED RATINGS

R8GD-024K

| O.D.T |        |        | 65°F |      |      | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |      |      | 115°F |      |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|-------|------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C. | K.W. | T.C.  | S.C. | K.W. |
| 900   | 80     | 62     | 26.5 | 23.2 | 1.55 | 25.6 | 23.0 | 1.72 | 24.6 | 22.9 | 1.90 | 23.7 | 22.2 | 2.10 | 22.6  | 21.6 | 2.31 | 20.6  | 19.6 | 2.56 |
|       | 80     | 67     | 28.7 | 19.1 | 1.58 | 27.2 | 18.9 | 1.74 | 26.2 | 19.2 | 1.92 | 25.0 | 18.0 | 2.11 | 23.8  | 18.6 | 2.33 | 20.7  | 16.1 | 2.57 |
|       | 80     | 72     | 31.4 | 14.4 | 1.62 | 30.1 | 14.4 | 1.78 | 28.8 | 14.7 | 1.96 | 27.5 | 14.5 | 2.15 | 26.1  | 14.3 | 2.36 | 22.5  | 12.7 | 2.60 |
|       | 75     | 63     | 26.4 | 18.3 | 1.55 | 25.4 | 18.2 | 1.72 | 24.3 | 18.3 | 1.90 | 23.2 | 18.0 | 2.09 | 21.9  | 15.1 | 2.31 | 18.7  | 16.7 | 2.56 |
| 1100  | 80     | 62     | 28.1 | 25.3 | 1.57 | 27.1 | 25.3 | 1.74 | 26.1 | 24.4 | 1.92 | 25.1 | 23.7 | 2.11 | 23.9  | 23.1 | 2.33 | 21.8  | 21.0 | 2.60 |
|       | 80     | 67     | 29.4 | 21.4 | 1.59 | 28.2 | 21.9 | 1.75 | 27.0 | 21.4 | 1.93 | 25.8 | 21.3 | 2.12 | 24.5  | 21.3 | 2.34 | 22.1  | 17.5 | 2.62 |
|       | 80     | 72     | 32.0 | 16.0 | 1.63 | 30.6 | 16.6 | 1.79 | 29.3 | 16.2 | 1.97 | 27.9 | 16.1 | 2.16 | 26.5  | 16.2 | 2.37 | 23.9  | 13.7 | 2.64 |
|       | 75     | 63     | 27.3 | 20.5 | 1.56 | 26.1 | 20.9 | 1.73 | 25.0 | 20.4 | 1.90 | 23.9 | 20.2 | 2.10 | 22.6  | 20.1 | 2.31 | 19.6  | 18.1 | 2.62 |
| 1200  | 80     | 62     | 28.6 | 26.0 | 1.58 | 27.7 | 25.8 | 1.74 | 26.6 | 24.8 | 1.92 | 25.5 | 24.2 | 2.12 | 24.4  | 23.6 | 2.34 | 23.2  | 23.1 | 2.58 |
|       | 80     | 67     | 29.8 | 22.7 | 1.59 | 28.7 | 22.9 | 1.76 | 27.4 | 22.4 | 1.94 | 26.2 | 22.4 | 2.13 | 24.9  | 22.2 | 2.34 | 23.5  | 22.2 | 2.59 |
|       | 80     | 72     | 32.3 | 17.1 | 1.64 | 31.0 | 17.3 | 1.80 | 29.6 | 16.9 | 1.98 | 28.2 | 16.9 | 2.17 | 26.8  | 16.9 | 2.38 | 25.2  | 17.1 | 2.61 |
|       | 75     | 63     | 27.9 | 21.9 | 1.57 | 26.5 | 21.9 | 1.73 | 25.4 | 21.5 | 1.91 | 24.2 | 21.3 | 2.10 | 23.0  | 21.1 | 2.32 | 21.6  | 21.0 | 2.56 |

R8GD-030K

| O.D.T |        |        | 65°F |      |      | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |      |      | 115°F |      |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|-------|------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C. | K.W. | T.C.  | S.C. | K.W. |
| 900   | 80     | 62     | 31.4 | 26.7 | 1.83 | 29.1 | 25.0 | 2.14 | 28.0 | 25.1 | 2.34 | 26.8 | 24.7 | 2.56 | 25.6  | 25.2 | 2.82 | 21.8  | 21.4 | 2.90 |
|       | 80     | 67     | 33.0 | 21.5 | 1.85 | 31.4 | 20.3 | 2.15 | 30.2 | 20.5 | 2.36 | 28.8 | 20.2 | 2.58 | 27.4  | 19.9 | 2.83 | 22.9  | 17.0 | 3.12 |
|       | 80     | 72     | 36.0 | 15.8 | 1.87 | 34.6 | 15.7 | 2.17 | 33.1 | 16.0 | 2.38 | 31.7 | 15.8 | 2.60 | 30.1  | 15.6 | 2.85 | 25.3  | 14.3 | 3.13 |
|       | 75     | 63     | 31.3 | 20.5 | 1.85 | 29.0 | 19.7 | 2.14 | 27.8 | 19.8 | 2.34 | 26.6 | 19.5 | 2.56 | 25.3  | 15.8 | 2.82 | 20.8  | 16.9 | 3.03 |
| 1100  | 80     | 62     | 32.3 | 28.7 | 1.95 | 30.7 | 28.6 | 2.15 | 29.6 | 27.6 | 2.35 | 28.4 | 26.8 | 2.58 | 27.2  | 26.3 | 2.83 | 23.2  | 23.0 | 3.10 |
|       | 80     | 67     | 33.9 | 22.8 | 1.97 | 32.5 | 23.4 | 2.16 | 31.1 | 22.9 | 2.36 | 29.7 | 22.7 | 2.58 | 28.3  | 22.7 | 2.84 | 25.0  | 19.8 | 3.17 |
|       | 80     | 72     | 36.8 | 17.4 | 1.99 | 35.1 | 18.1 | 2.18 | 33.5 | 17.6 | 2.38 | 32.0 | 17.4 | 2.60 | 30.4  | 17.5 | 2.85 | 26.7  | 16.4 | 3.18 |
|       | 75     | 63     | 32.1 | 22.6 | 1.94 | 30.0 | 22.5 | 2.14 | 28.8 | 22.0 | 2.35 | 27.4 | 21.8 | 2.57 | 26.0  | 21.8 | 2.82 | 22.5  | 18.9 | 3.13 |
| 1200  | 80     | 62     | 31.8 | 28.5 | 1.96 | 30.7 | 28.6 | 2.15 | 29.7 | 27.7 | 2.35 | 28.6 | 27.1 | 2.57 | 27.4  | 26.5 | 2.82 | 26.2  | 26.1 | 3.10 |
|       | 80     | 67     | 34.2 | 23.8 | 1.96 | 32.9 | 24.0 | 2.16 | 31.0 | 23.3 | 2.36 | 30.1 | 23.4 | 2.58 | 28.7  | 23.3 | 2.83 | 27.1  | 23.4 | 3.11 |
|       | 80     | 72     | 37.8 | 18.5 | 2.00 | 35.9 | 18.7 | 2.17 | 33.9 | 18.1 | 2.38 | 32.4 | 18.2 | 2.60 | 30.9  | 18.1 | 2.85 | 29.2  | 18.4 | 3.12 |
|       | 75     | 63     | 31.5 | 22.9 | 1.96 | 30.3 | 23.1 | 2.14 | 29.1 | 22.6 | 2.34 | 27.8 | 22.5 | 2.56 | 26.4  | 22.3 | 2.82 | 25.0  | 22.3 | 3.10 |

R8GD-036K

| O.D.T |        |        | 65°F |      |      | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |      |      | 115°F |      |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|-------|------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C. | K.W. | T.C.  | S.C. | K.W. |
| 1150  | 80     | 62     | 37.3 | 30.9 | 2.15 | 36.0 | 30.7 | 2.37 | 34.6 | 30.8 | 2.62 | 33.2 | 30.2 | 2.90 | 31.6  | 31.1 | 3.23 | 29.9  | 29.4 | 3.61 |
|       | 80     | 67     | 40.6 | 25.4 | 2.16 | 39.0 | 25.2 | 2.39 | 37.5 | 25.5 | 2.64 | 35.9 | 25.1 | 2.90 | 34.1  | 24.8 | 3.22 | 32.1  | 23.4 | 3.60 |
|       | 80     | 72     | 44.4 | 19.6 | 2.19 | 42.9 | 19.5 | 2.42 | 41.2 | 20.0 | 2.66 | 39.4 | 19.7 | 2.93 | 37.5  | 19.5 | 3.23 | 35.3  | 20.0 | 3.59 |
|       | 75     | 63     | 37.4 | 24.6 | 2.15 | 36.0 | 24.4 | 2.37 | 34.6 | 24.7 | 2.62 | 33.0 | 24.2 | 2.90 | 31.2  | 22.4 | 3.23 | 29.4  | 24.0 | 3.62 |
| 1300  | 80     | 62     | 38.4 | 33.1 | 2.15 | 37.1 | 33.6 | 2.38 | 35.8 | 32.8 | 2.62 | 34.2 | 32.2 | 2.90 | 32.7  | 31.6 | 3.23 | 31.1  | 30.8 | 3.60 |
|       | 80     | 67     | 41.3 | 27.0 | 2.17 | 39.8 | 27.8 | 2.40 | 38.3 | 27.3 | 2.64 | 36.7 | 27.1 | 2.91 | 34.8  | 27.1 | 3.22 | 32.8  | 27.1 | 3.60 |
|       | 80     | 72     | 45.2 | 20.7 | 2.20 | 43.5 | 21.7 | 2.43 | 41.8 | 21.2 | 2.67 | 39.9 | 21.1 | 2.93 | 38.0  | 21.3 | 3.23 | 35.8  | 21.5 | 3.59 |
|       | 75     | 63     | 38.2 | 26.2 | 2.15 | 36.8 | 26.9 | 2.38 | 35.3 | 26.3 | 2.62 | 33.7 | 26.0 | 2.90 | 31.9  | 26.0 | 3.23 | 30.0  | 25.9 | 3.61 |
| 1450  | 80     | 62     | 39.4 | 35.2 | 2.16 | 37.9 | 35.3 | 2.38 | 36.6 | 34.1 | 2.62 | 35.3 | 33.5 | 2.90 | 33.8  | 32.6 | 3.22 | 32.1  | 31.9 | 3.60 |
|       | 80     | 67     | 42.1 | 29.2 | 2.18 | 40.6 | 29.5 | 2.40 | 39.0 | 28.9 | 2.65 | 37.3 | 28.9 | 2.91 | 35.4  | 28.8 | 3.22 | 33.4  | 28.9 | 3.59 |
|       | 80     | 72     | 45.8 | 22.3 | 2.20 | 44.1 | 22.8 | 2.43 | 42.2 | 22.3 | 2.67 | 40.4 | 22.4 | 2.94 | 38.5  | 22.4 | 3.24 | 36.3  | 22.7 | 3.58 |
|       | 75     | 63     | 38.9 | 28.2 | 2.16 | 37.5 | 28.5 | 2.38 | 36.0 | 27.8 | 2.62 | 34.3 | 27.7 | 2.90 | 32.5  | 27.5 | 3.23 | 30.6  | 27.5 | 3.61 |

# EXPANDED RATINGS Continued

## R8GD-042K

| O.D.T |        |        | 65°F |      |      | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |      |      | 115°F |      |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|-------|------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C. | K.W. | T.C.  | S.C. | K.W. |
| 1250  | 80     | 62     | 44.0 | 34.9 | 2.64 | 43.1 | 34.5 | 2.90 | 41.9 | 34.9 | 3.20 | 39.1 | 34.2 | 3.59 | 37.3  | 35.5 | 3.98 | 35.5  | 33.9 | 4.41 |
|       | 80     | 67     | 48.1 | 29.2 | 2.69 | 45.3 | 28.5 | 2.96 | 47.9 | 30.8 | 3.24 | 42.8 | 28.3 | 3.59 | 40.5  | 27.8 | 3.97 | 38.3  | 26.1 | 4.39 |
|       | 80     | 72     | 53.0 | 22.6 | 2.68 | 50.3 | 23.1 | 3.14 | 47.9 | 21.6 | 3.49 | 46.2 | 19.9 | 3.64 | 42.5  | 19.1 | 4.06 | 41.9  | 18.9 | 4.50 |
|       | 75     | 63     | 44.5 | 28.1 | 2.65 | 42.7 | 27.8 | 2.93 | 41.1 | 28.1 | 3.24 | 39.3 | 27.1 | 3.60 | 37.9  | 25.4 | 3.96 | 35.7  | 27.5 | 4.41 |
| 1400  | 80     | 62     | 45.2 | 37.1 | 2.65 | 43.6 | 35.5 | 2.94 | 42.1 | 34.2 | 3.33 | 40.3 | 32.0 | 3.60 | 38.7  | 30.8 | 3.97 | 36.7  | 29.8 | 4.38 |
|       | 80     | 67     | 49.2 | 32.5 | 2.63 | 48.1 | 30.9 | 2.95 | 46.3 | 29.7 | 3.10 | 43.2 | 27.8 | 3.64 | 41.2  | 27.0 | 4.03 | 39.1  | 25.9 | 4.45 |
|       | 80     | 72     | 55.3 | 27.1 | 2.71 | 51.4 | 25.2 | 3.01 | 49.4 | 24.2 | 3.36 | 47.1 | 23.6 | 3.96 | 44.7  | 21.9 | 4.10 | 42.6  | 21.3 | 4.50 |
|       | 75     | 63     | 45.3 | 29.6 | 2.65 | 43.8 | 30.4 | 2.92 | 41.1 | 30.8 | 3.27 | 40.0 | 28.9 | 3.60 | 38.2  | 29.2 | 3.99 | 36.2  | 29.3 | 4.42 |
| 1550  | 80     | 62     | 46.3 | 39.7 | 2.66 | 47.8 | 42.1 | 2.92 | 45.9 | 41.1 | 3.22 | 41.2 | 38.4 | 3.61 | 39.2  | 37.9 | 4.01 | 37.5  | 37.4 | 4.44 |
|       | 80     | 67     | 50.9 | 33.2 | 2.71 | 48.1 | 33.3 | 2.96 | 49.5 | 34.2 | 3.26 | 47.3 | 34.1 | 3.60 | 42.4  | 32.9 | 3.97 | 42.6  | 34.2 | 4.40 |
|       | 80     | 72     | 55.5 | 25.6 | 2.67 | 51.4 | 24.2 | 3.15 | 49.3 | 25.6 | 3.50 | 48.9 | 26.9 | 3.64 | 45.5  | 25.9 | 4.07 | 43.1  | 25.8 | 4.51 |
|       | 75     | 63     | 46.3 | 31.7 | 2.67 | 45.2 | 32.2 | 2.96 | 42.8 | 27.8 | 3.26 | 40.7 | 30.7 | 3.61 | 38.8  | 30.7 | 4.00 | 36.8  | 31.0 | 4.43 |

## R8GD-048K

| O.D.T |        |        | 65°F |      |      | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |      |      | 115°F |      |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|-------|------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C. | K.W. | T.C.  | S.C. | K.W. |
| 1400  | 80     | 62     | 46.8 | 37.8 | 2.88 | 45.1 | 36.5 | 3.20 | 44.3 | 35.1 | 3.54 | 42.3 | 33.4 | 3.91 | 40.5  | 33.7 | 4.31 | 38.2  | 31.8 | 4.79 |
|       | 80     | 67     | 50.2 | 31.1 | 2.99 | 47.3 | 29.7 | 3.24 | 46.0 | 26.8 | 3.59 | 43.0 | 25.3 | 3.96 | 41.1  | 24.6 | 4.37 | 40.4  | 29.2 | 4.85 |
|       | 80     | 72     | 53.8 | 26.9 | 2.93 | 52.1 | 24.0 | 3.32 | 51.3 | 22.2 | 3.78 | 49.2 | 21.6 | 4.00 | 47.3  | 21.2 | 4.48 | 43.6  | 20.6 | 4.91 |
|       | 75     | 63     | 47.8 | 30.5 | 2.84 | 45.3 | 30.0 | 3.20 | 43.4 | 30.2 | 3.55 | 41.6 | 29.7 | 3.92 | 39.5  | 27.7 | 4.35 | 37.4  | 29.5 | 4.80 |
| 1600  | 80     | 62     | 49.1 | 40.9 | 2.85 | 45.8 | 40.8 | 3.21 | 45.5 | 40.8 | 3.55 | 43.5 | 40.1 | 3.92 | 41.1  | 39.6 | 4.36 | 38.7  | 38.4 | 4.92 |
|       | 80     | 67     | 51.3 | 35.9 | 3.00 | 51.2 | 34.8 | 3.25 | 48.0 | 34.6 | 3.60 | 46.0 | 31.3 | 3.97 | 43.8  | 33.4 | 4.38 | 39.9  | 29.1 | 4.97 |
|       | 80     | 72     | 56.3 | 28.2 | 3.10 | 53.3 | 27.1 | 3.31 | 52.0 | 26.1 | 3.78 | 50.0 | 25.9 | 4.06 | 47.1  | 23.4 | 4.42 | 43.4  | 22.2 | 4.99 |
|       | 75     | 63     | 48.1 | 32.2 | 2.88 | 46.1 | 32.9 | 3.21 | 44.5 | 32.2 | 3.56 | 42.5 | 31.9 | 3.93 | 40.6  | 31.9 | 4.33 | 34.9  | 29.0 | 4.91 |
| 1800  | 80     | 62     | 49.3 | 43.2 | 3.10 | 46.8 | 42.7 | 3.41 | 46.0 | 42.1 | 3.57 | 44.6 | 40.1 | 4.00 | 41.9  | 33.3 | 4.39 | 40.3  | 34.1 | 4.95 |
|       | 80     | 67     | 52.1 | 36.3 | 3.30 | 51.5 | 36.6 | 3.43 | 48.1 | 34.8 | 3.60 | 46.7 | 35.5 | 3.97 | 46.1  | 28.4 | 4.39 | 42.1  | 31.4 | 4.97 |
|       | 80     | 72     | 54.4 | 26.7 | 3.50 | 53.0 | 27.4 | 3.45 | 51.0 | 26.1 | 3.68 | 48.2 | 27.1 | 4.03 | 47.2  | 26.9 | 4.43 | 45.3  | 27.8 | 5.01 |
|       | 75     | 63     | 49.8 | 34.9 | 3.10 | 46.3 | 34.5 | 3.40 | 45.5 | 34.1 | 3.57 | 43.6 | 34.0 | 3.98 | 41.4  | 33.8 | 4.38 | 39.3  | 33.9 | 4.95 |

## R8GD-X60K

| O.D.T |        |        | 65°F |      |      | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |      |      | 115°F |      |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|-------|------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C. | K.W. | T.C.  | S.C. | K.W. |
| 1500  | 80     | 62     | 58.3 | 44.0 | 3.75 | 56.2 | 43.6 | 4.15 | 53.9 | 43.9 | 4.60 | 51.5 | 43.0 | 5.11 | 48.9  | 45.1 | 5.68 | 46.1  | 42.5 | 6.35 |
|       | 80     | 67     | 63.8 | 37.0 | 3.82 | 61.4 | 36.7 | 4.22 | 58.9 | 37.1 | 4.67 | 56.2 | 36.4 | 5.18 | 53.2  | 35.8 | 5.77 | 50.0  | 33.3 | 6.43 |
|       | 80     | 72     | 70.8 | 29.0 | 3.90 | 68.0 | 28.8 | 4.32 | 65.1 | 29.4 | 4.77 | 62.0 | 28.8 | 5.28 | 58.6  | 28.3 | 5.88 | 54.9  | 29.0 | 6.57 |
|       | 75     | 63     | 59.0 | 35.9 | 3.77 | 56.8 | 35.6 | 4.16 | 54.5 | 35.8 | 4.61 | 52.0 | 35.1 | 5.11 | 49.3  | 32.4 | 5.69 | 46.3  | 34.5 | 6.36 |
| 1700  | 80     | 62     | 60.1 | 47.1 | 3.78 | 57.9 | 48.0 | 4.18 | 55.5 | 46.9 | 4.62 | 53.0 | 46.3 | 5.13 | 50.3  | 46.0 | 5.71 | 43.5  | 41.0 | 6.38 |
|       | 80     | 67     | 65.6 | 39.4 | 3.84 | 63.0 | 40.5 | 4.24 | 60.4 | 39.5 | 4.69 | 57.5 | 39.1 | 5.20 | 54.5  | 38.7 | 5.79 | 51.1  | 38.7 | 6.46 |
|       | 80     | 72     | 72.5 | 30.5 | 3.93 | 69.6 | 31.9 | 4.34 | 66.4 | 30.9 | 4.80 | 63.1 | 30.7 | 5.31 | 59.6  | 30.9 | 5.90 | 55.6  | 31.0 | 6.59 |
|       | 75     | 63     | 60.7 | 38.1 | 3.78 | 58.4 | 39.1 | 4.18 | 55.9 | 38.1 | 4.63 | 53.3 | 37.3 | 5.14 | 50.5  | 37.2 | 5.72 | 47.4  | 37.0 | 6.38 |
| 1900  | 80     | 62     | 61.6 | 50.7 | 3.80 | 59.3 | 50.9 | 4.19 | 56.8 | 49.7 | 4.64 | 54.2 | 49.3 | 5.15 | 51.5  | 48.5 | 5.73 | 46.9  | 44.8 | 6.40 |
|       | 80     | 67     | 67.0 | 42.4 | 3.85 | 64.4 | 42.9 | 4.26 | 61.6 | 41.4 | 4.72 | 58.6 | 41.3 | 5.22 | 55.5  | 41.0 | 5.81 | 52.0  | 41.1 | 6.48 |
|       | 80     | 72     | 73.8 | 32.8 | 3.94 | 70.7 | 33.5 | 4.35 | 67.4 | 32.5 | 4.81 | 63.9 | 32.5 | 5.32 | 60.1  | 32.3 | 5.91 | 56.2  | 32.6 | 6.61 |
|       | 75     | 63     | 62.0 | 40.9 | 3.79 | 59.7 | 41.0 | 4.20 | 57.1 | 39.9 | 4.65 | 54.4 | 39.7 | 5.15 | 51.5  | 39.3 | 5.73 | 48.3  | 39.3 | 6.40 |

## R8GD ACCESSORIES

| Description                                                                                       | Part Number |
|---------------------------------------------------------------------------------------------------|-------------|
| Roof Curb (8")                                                                                    | 547830      |
| Roof Curb (14")                                                                                   | 547831      |
| Roof Curb (18")                                                                                   | 547850      |
| Roof Curb (24")                                                                                   | 547851      |
| Cap, Duct Adapter, 12" Round                                                                      | 913811A     |
| Cap, Duct Adapter, 14" Round                                                                      | 913812A     |
| Supply/return transition, 16"                                                                     | 547834      |
| Supply/return transition, 18"                                                                     | 547835      |
| Concentric diffuser, flush, 16"                                                                   | 547836      |
| Concentric diffuser, flush, 18"                                                                   | 547837      |
| Concentric diffuser, step down 16"                                                                | 547838      |
| Concentric diffuser, step down 18"                                                                | 547839      |
| Manual Fresh Air Damper                                                                           | 547832      |
| Motorized Fresh Air Damper                                                                        | 547840      |
| Economizer, Downflow, Modulating w/filter (does not require filter kit) 2 - 2.5 Ton               | 547833      |
| Economizer, Downflow, Modulating w/filter (does not require filter kit) 3 - 5 Ton                 | 558870      |
| Economizer, Horizontal, Modulating 2 - 5 Ton                                                      | 547841      |
| Power Exhaust, Downflow (application requires downflow economizer) (Special Order)                | 547842      |
| Power Exhaust, Horizontal (application requires horizontal economizer) (Special Order)            | 547843      |
| Filter Kit R6GD 024 - 042                                                                         | 547888      |
| Filter Kit R6GD 048 - 060                                                                         | 547889      |
| Filter Kit, All Downflow Applications (not required with economizer)                              | 547885      |
| Hood Type Hail Guard, Coil Dim. 30" X 76" 2, 2.5, 3 Ton                                           | 547844      |
| Hood Type Hail Guard, Coil Dim. 34" X 76" 3.5 - 4 Ton                                             | 547846      |
| Hood Type Hail Guard, Coil Dim. 38" X 76" 5 Ton                                                   | 547847      |
| DUCT SMOKE DETECTOR PHOTO ELEC                                                                    | 558863      |
| MULTI SIGNAL CONTROL                                                                              | 547893      |
| SAMPLING TUBE DST3, 2-4ft                                                                         | 558864      |
| SAMPLING TUBE DST5, 4-8ft                                                                         | 558865      |
| Low Ambient Kit                                                                                   | 918837      |
| U.S. - LP Gas/High Elevation Conversion Kit, 1 & 2 Stage models (0 - 10,000 ft. above sea level)  | 904404A     |
| Canada - LP Gas/High Elevation Conversion Kit, 1 & 2 Stage models (0 - 4,500 ft. above sea level) | 904405A     |
| Outdoor Thermostat Kit                                                                            | 913852      |
| Universal Hard Start Kit                                                                          | 912933      |
| Skirt Trim Kit                                                                                    | 919729      |
| Extreme High Wind Kit - Roof Curb Mount                                                           | 903696      |
| Extreme High Wind Kit - Ground Mount                                                              | 903695      |
| Freezestat Kit                                                                                    | 917108      |
| Control, CO2 Sensor                                                                               | 547848      |





#### GENERAL TERMS OF LIMITED WARRANTY

NORDYNE will furnish a replacement for any part of this product which fails in normal use and service within the first ten years of installation, in accordance with the terms of the warranty.

For complete details of the Limited Warranty, including applicable terms and conditions, see your local installer or contact the NORDYNE warranty department for a copy.

**NORDYNE**  
COMPLETE COMFORT. GENUINE VALUE.

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