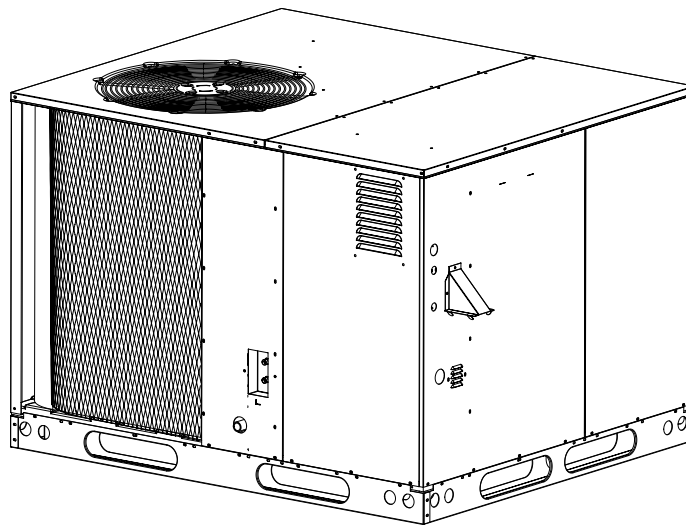


## R6GD Series

### 13 SEER, Three Phase, Packaged Gas/Electric Units with R-410A 3 - 5 Ton Units

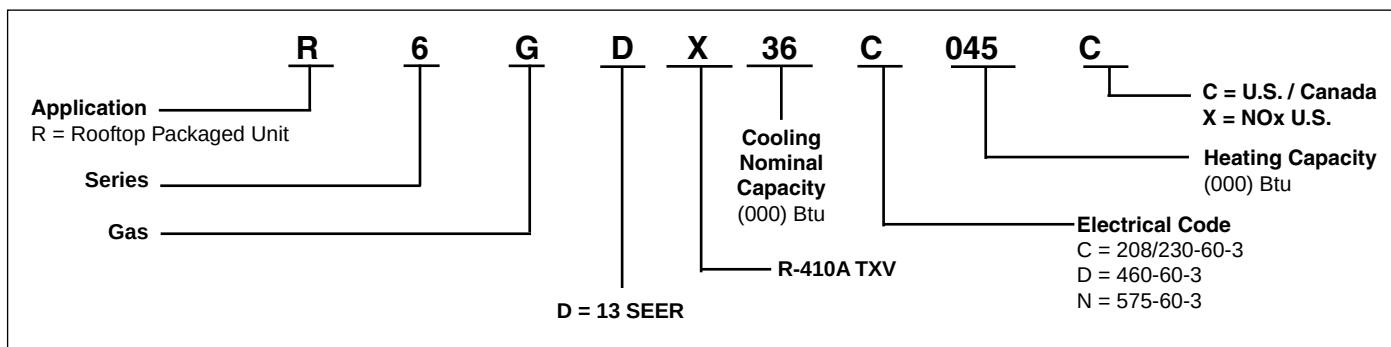
The R6GD Series packaged gas/electrics are high efficiency self contained cooling units that can be installed on the roof or on a slab. The convertible unit design makes installations simple in all applications. Units are ETL and ETLc listed. The unit is truly designed with the contractor and the end user in mind.



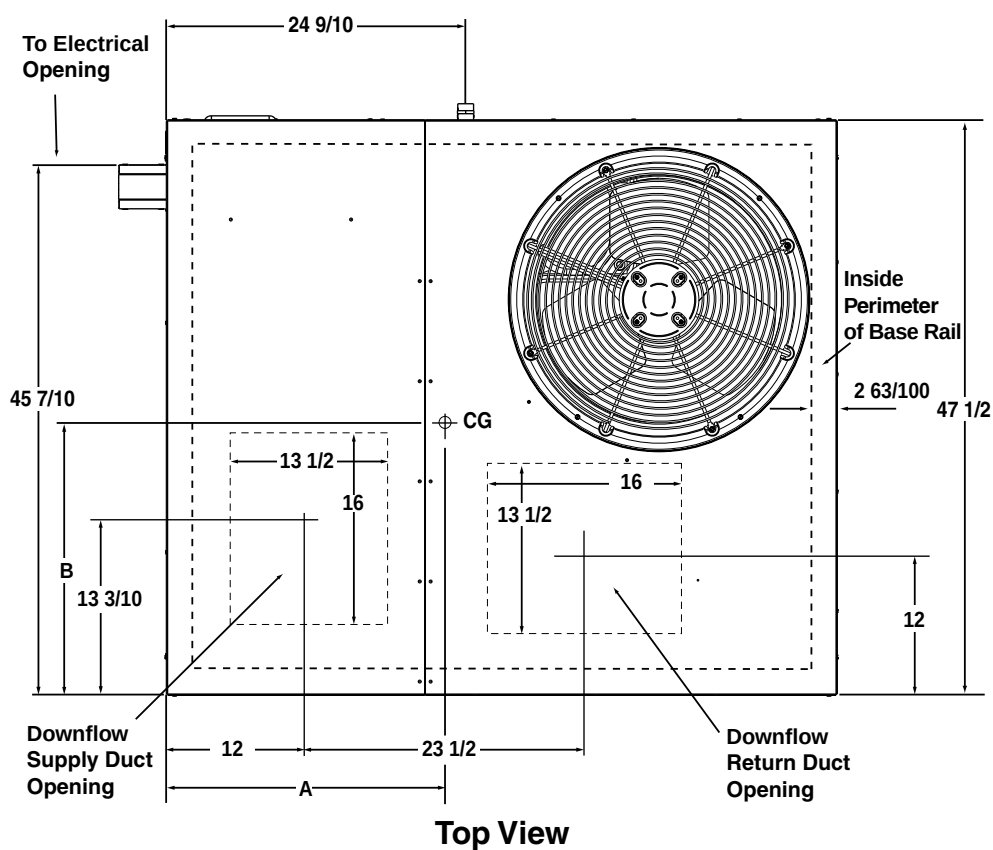
#### FEATURES AND BENEFITS

- **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 with Polyurethane Finish**  
Provides a minimum of 950 hour salt spray protection to resist corrosion.
- **Plastic Mesh Hail Guard**  
Will never rust and protects the coil from being damaged by balls, lawnmowers, hail etc.
- **R-410A Refrigerant**  
Earth Friendly non-ozone depleting refrigerant.
- **Liquid Line Filter/Drier**  
Insures clean refrigeration system.
- **Externally Accessible Service Ports**  
Quick access to refrigerant system without disrupting operation.
- **Access to Controls and Major Components**  
Easy in and out service.
- **Smaller Panels, 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.
- **Factory Installed Filter Rack**  
1" or 2" Capable.
- **TXV**  
Externally equalized. Provides precise refrigerant control under varying load conditions.
- **High Pressure Switch**  
Protects against abnormally High system Pressures.
- **Corrosion-Resistant Drain Pan**  
Quickly drains away evaporator condensate.
- **Proven, Industry Standard Components**  
Easier service and availability.
- **Accessories**  
Roof curbs, economizers, fresh air dampers and more.
- **Quiet Operation**  
Low vibration. 20" fan blade combined with custom condenser fan orifice.
- **One Year Commercial Parts Warranty**
- **5 Year Limited Compressor Warranty**
- **10 Year Limited Heat Exchanger Warranty**

## MODEL IDENTIFICATION CODE



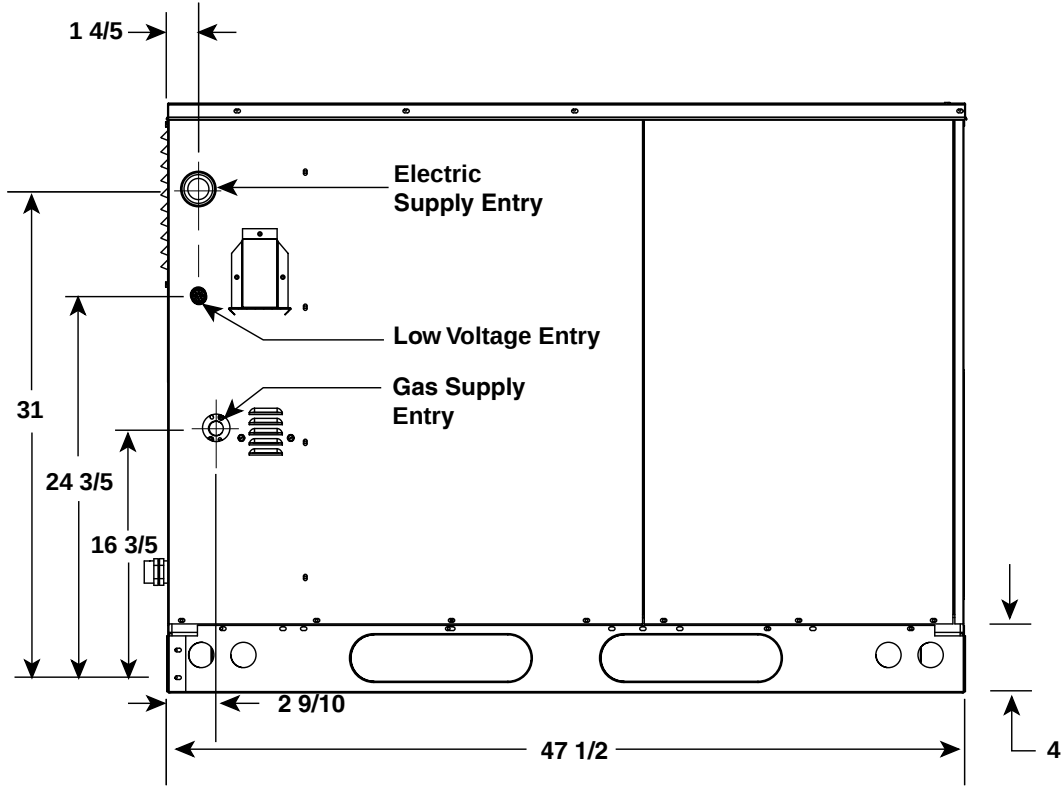
## DIMENSIONS



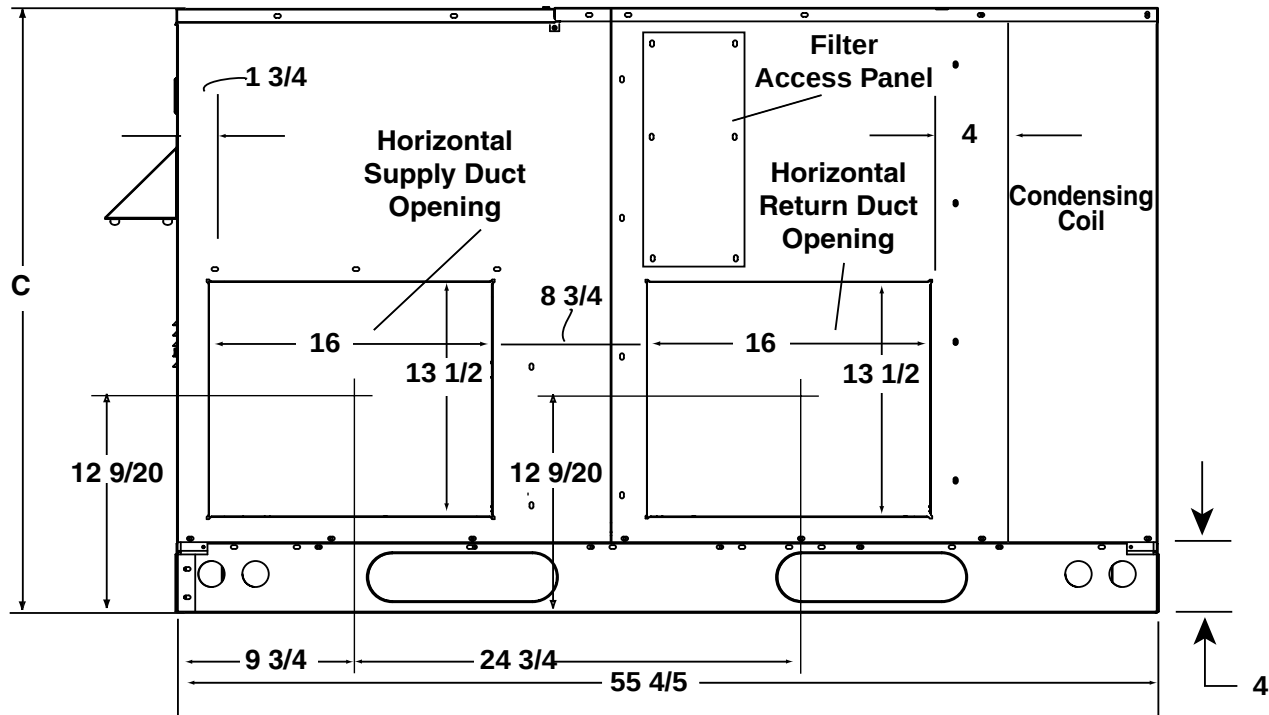
| Model Number<br>R6GD- | Unit Weight | Center of Gravity |      | Height (in inches) |                    |
|-----------------------|-------------|-------------------|------|--------------------|--------------------|
|                       |             | A                 | B    | C                  |                    |
|                       |             |                   |      | with base rails    | without base rails |
| X36(*)072C            | 360         | 25.5              | 27.0 | 39.0               | 35.3               |
| X36(*)096C            | 365         | 25.0              | 27.0 | 39.0               | 35.3               |
| X48(*)096C            | 460         | 26.0              | 27.0 | 43.0               | 39.3               |
| X48(*)120C            | 470         | 25.5              | 27.0 | 43.0               | 39.3               |
| X60(*)096C            | 480         | 26.0              | 27.0 | 43.0               | 39.3               |
| X60(*)120C            | 490         | 25.5              | 27.0 | 43.0               | 39.3               |

\* - Can be a C, N, or D

**DIMENSIONS Continued**



**Side View**



**Back View**

# SPECIFICATIONS AND ELECTRICAL DATA

## THREE PHASE - 208/230V

| Model R6GD-                     | X36C072C                        | X36C096C     | X48C096C        | X48C120C     | X60C096C     | X60C120C     |
|---------------------------------|---------------------------------|--------------|-----------------|--------------|--------------|--------------|
| Performance                     |                                 |              |                 |              |              |              |
| Heating Input BTUH              | 72,000                          | 96,000       | 96,000          | 120,000      | 96,000       | 120,000      |
| Heating Output BTUH             | 56,000                          | 75,000       | 75,000          | 94,000       | 75,000       | 94,000       |
| Capacity-Cooling BTUH           | 36,000                          | 36,000       | 47,800          | 47,800       | 56,500       | 56,500       |
| AFUE                            | 78                              | 78           | 78              | 78           | 78           | 78           |
| Efficiency - SEER               | 13.50                           | 13.50        | 13.00           | 13.00        | 13.00        | 13.00        |
| Efficiency - EER                | 11.80                           | 11.80        | 11.00           | 11.00        | 11.00        | 11.00        |
| Electrical Rating - 60 Hz       |                                 |              |                 |              |              |              |
| Phase                           | 3                               | 3            | 3               | 3            | 3            | 3            |
| Operating Voltage Range         | 187 - 253                       | 187 - 253    | 187 - 253       | 187 - 253    | 187 - 253    | 187 - 253    |
| Minimum Circuit Ampacity        | 21.2                            | 21.2         | 27.7            | 27.7         | 31.9         | 31.9         |
| Max. Over-current Protection    | 30                              | 30           | 40              | 40           | 45           | 45           |
| Compressor Data                 |                                 |              |                 |              |              |              |
| Volts                           | 208 / 230                       | 208 / 230    | 208 / 230       | 208 / 230    | 208 / 230    | 208 / 230    |
| Rated Load Amps                 | 11.6                            | 11.6         | 15.3            | 15.3         | 17.4         | 17.4         |
| Lock Rotor Amps                 | 73                              | 73           | 83              | 83           | 110          | 110          |
| Indoor Blower                   |                                 |              |                 |              |              |              |
| Wheel Blower                    | 10x10                           |              | 10x10           |              | 11x10        |              |
| Type                            | Fixed Torque                    | Fixed Torque | Fixed Torque    | Fixed Torque | Fixed Torque | Fixed Torque |
| Motor - HP                      | 1/2                             | 1/2          | 3/4             | 3/4          | 1            | 1            |
| Motor - Amps                    | 4.1                             | 4.1          | 6.0             | 6.0          | 7.6          | 7.6          |
| Outdoor Fan                     |                                 |              |                 |              |              |              |
| Motor - HP / RPM                | 1/4 - 1100                      | 1/4 - 1100   | 1/4 - 1100      | 1/4 - 1100   | 1/4 - 1100   | 1/4 - 1100   |
| Motor - Amps                    | 1.2                             | 1.2          | 1.2             | 1.2          | 1.2          | 1.2          |
| Fan Diameter / CFM              | 20 / 3800                       | 20 / 3800    | 20 / 3800       | 20 / 3800    | 20 / 3800    | 20 / 3800    |
| Refrigerant Charge - oz. R-410A | 112                             | 112          | 224             | 224          | 184          | 184          |
| Filters (Field Installed)       |                                 |              |                 |              |              |              |
| Style                           | Disposable                      |              | Disposable      |              |              |              |
| Size (Qty)                      | 16 x 25 x 1 (2)                 |              | 18 x 25 x 1 (2) |              |              |              |
|                                 | Field convertible to two inches |              |                 |              |              |              |

# SPECIFICATIONS AND ELECTRICAL DATA

## THREE PHASE - 460V

| Model R6GD-                     | X36D072C                        | X36D096C     | X48D096C        | X48D120C     | X60D096C     | X60D120C     |
|---------------------------------|---------------------------------|--------------|-----------------|--------------|--------------|--------------|
| Performance                     |                                 |              |                 |              |              |              |
| Heating Input BTUH              | 72,000                          | 96,000       | 96,000          | 120,000      | 96,000       | 120,000      |
| Heating Output BTUH             | 56,000                          | 75,000       | 75,000          | 94,000       | 75,000       | 94,000       |
| Capacity-Cooling BTUH           | 36,000                          | 36,000       | 47,800          | 47,800       | 56,500       | 56,500       |
| AFUE                            | 78                              | 78           | 78              | 78           | 78           | 78           |
| Efficiency - SEER               | 13.50                           | 13.50        | 13.00           | 13.00        | 13.00        | 13.00        |
| Efficiency - EER                | 11.80                           | 11.80        | 11.00           | 11.00        | 11.00        | 11.00        |
| Electrical Rating - 60 Hz       |                                 |              |                 |              |              |              |
| Phase                           | 3                               | 3            | 3               | 3            | 3            | 3            |
| Operating Voltage Range         | 414 - 506                       | 414 - 506    | 414 - 506       | 414 - 506    | 414 - 506    | 414 - 506    |
| Minimum Circuit Ampacity        | 12.1                            | 12.1         | 13.8            | 13.8         | 16.7         | 16.7         |
| Max. Over-current Protection    | 15                              | 15           | 20              | 20           | 25           | 25           |
| Compressor Data                 |                                 |              |                 |              |              |              |
| Volts                           | 460                             | 460          | 460             | 460          | 460          | 460          |
| Rated Load Amps                 | 6.4                             | 6.4          | 6.9             | 6.9          | 8.6          | 8.6          |
| Lock Rotor Amps                 | 38                              | 38           | 41              | 41           | 52           | 52           |
| Indoor Blower                   |                                 |              |                 |              |              |              |
| Wheel Blower                    | 10x10                           |              | 10x10           |              | 11x10        |              |
| Type                            | Fixed Torque                    | Fixed Torque | Fixed Torque    | Fixed Torque | Fixed Torque | Fixed Torque |
| Motor - HP                      | 1/2                             | 1/2          | 3/4             | 3/4          | 1            | 1            |
| Motor - Amps                    | 2.1                             | 2.1          | 3.2             | 3.2          | 4.0          | 4.0          |
| Outdoor Fan                     |                                 |              |                 |              |              |              |
| Motor - HP / RPM                | 1/4 - 1100                      | 1/4 - 1100   | 1/4 - 1100      | 1/4 - 1100   | 1/4 - 1100   | 1/4 - 1100   |
| Motor - Amps                    | 0.6                             | 0.6          | 0.6             | 0.6          | 0.6          | 0.6          |
| Fan Diameter / CFM              | 20 / 3800                       | 20 / 3800    | 20 / 3800       | 20 / 3800    | 20 / 3800    | 20 / 3800    |
| Refrigerant Charge - oz. R-410A | 112                             | 112          | 224             | 224          | 184          | 184          |
| Filters (Field Installed)       |                                 |              |                 |              |              |              |
| Style                           | Disposable                      |              | Disposable      |              |              |              |
| Size (Qty)                      | 16 x 25 x 1 (2)                 |              | 18 x 25 x 1 (2) |              |              |              |
|                                 | Field convertible to two inches |              |                 |              |              |              |

# AIRFLOW DATA

| External Static Pressure Drop - inches water column |                          |                           |                           |                           |             |          |           |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |      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| Model Number<br>R6GD-                               | Heating Input<br>(Btu/h) | Heating Output<br>(Btu/h) | Heating Rise<br>Range (F) | Cooling Output<br>(Btu/h) | Blower Size | Motor HP | Motor Tap | 0.1   |      |      |       |      |      |       |      | 0.2  |       |      |      |       |      |      |       | 0.3  |      |       |      |      |       |      |      | 0.4   |      |      |       |      |      |       |      | 0.5  |       |      |      |       |      |      |       | 0.6  |      |       |      |      |       |      |      | 0.7   |      |      |       |      |      |       |      | 0.8  |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |  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 |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |
|                                                     |                          |                           |                           |                           |             |          |           | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) | (°F) | Rise | (cfm) |

\* Denotes factory set cooling speed  
 \*\* Denotes factory set heating speed  
 X - Can be C or X

## R6GD ACCESSORIES

| Description                                                          | Part Number |
|----------------------------------------------------------------------|-------------|
| Roof Curb (8")                                                       | 547830      |
| Roof Curb (14")                                                      | 547831      |
| Roof Curb (18")                                                      | 547850      |
| Roof Curb (24")                                                      | 547851      |
| Duct Adapter, 14" Round (2 each)                                     | 913812A     |
| Concentric diffuser, flush, 16"                                      | 547836      |
| Concentric diffuser, flush, 18"                                      | 547837      |
| Supply/return transition, 16"                                        | 547834      |
| Supply/return transition, 18"                                        | 547835      |
| Concentric diffuser, step down 16"                                   | 547838      |
| Concentric diffuser, step down 18"                                   | 547839      |
| Differential enthalpy sensor kit                                     | 920233      |
| Control, CO2 sensor, wall mount                                      | 547848      |
| Economizer, downflow w/filter modulating                             | 558870      |
| Economizer, horizontal modulating                                    | 547841      |
| Power Exhaust for use with downflow economizer (208/230 3 Phase)*    | 555578      |
| Power Exhaust, for use with horizontal economizer (208/230 3 Phase)* | 555580      |
| Power Exhaust for use with downflow economizer (460V 3 Phase)*       | 555579      |
| Power Exhaust, for use with horizontal economizer (460V 3 Phase)*    | 555581      |
| Power Exhaust, for use with downflow economizer (575V 3 Phase)*      | 555651      |
| Manual Fresh Air Damper                                              | 547832      |
| Motorized Fresh Air Damper                                           | 547840      |
| Hood Type Hail Guard, Coil Dim. 34" X 76" (3 ton)                    | 547846      |
| Hood Type Hail Guard, Coil Dim. 38" X 76" (4 & 5 ton)                | 547847      |
| Low Ambient Kit                                                      | 918837      |
| Low Pressure Switch Kit                                              | 913551      |
| Freezestat                                                           | 917108      |
| LP Gas Conversion Kit, Canadian (0 to 4,500 ft above sea level)      | 904091A     |
| LP Gas Conversion Kit, U.S. (0 ft to 10,000 ft above sea level)      | 904090A     |
| Outdoor Thermostat Kit                                               | 913852      |
| Smoke Detector, Duct Mount, Photo Electric Type                      | 547892      |
| Smoke Detector, Multi Signal Control                                 | 547893      |
| Smoke Detector, Sampling Tube ST3                                    | 547894      |
| Smoke Detector, Sampling Tube ST5                                    | 547895      |
| Extreme Wind Mounting Kit (roof curb mount)                          | 903696      |

\* Special Order

## R6GD EXPANDED RATINGS

### R6GD-X36

| 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. |
| 1300  | 80     | 62     | 39.3 | 34.9 | 2.25 | 37.8 | 34.4 | 2.46 | 36.4 | 34.0 | 2.69 | 34.9 | 32.7 | 2.95 | 33.3  | 32.7 | 3.25 | 31.5  | 31.0 | 3.58 |
|       | 80     | 67     | 42.1 | 28.1 | 2.27 | 40.3 | 27.9 | 2.49 | 38.5 | 28.2 | 2.71 | 36.6 | 27.8 | 2.97 | 34.6  | 27.4 | 3.26 | 32.5  | 27.0 | 3.59 |
|       | 80     | 72     | 45.7 | 20.8 | 2.31 | 43.7 | 20.7 | 2.52 | 41.8 | 21.1 | 2.76 | 39.7 | 20.8 | 3.01 | 37.5  | 20.5 | 3.30 | 35.2  | 21.0 | 3.63 |
|       | 75     | 63     | 39.3 | 27.2 | 2.25 | 37.6 | 26.9 | 2.46 | 35.9 | 27.1 | 2.68 | 34.1 | 26.7 | 2.94 | 32.2  | 24.7 | 3.23 | 30.2  | 26.5 | 3.57 |
| 1400  | 80     | 62     | 40.0 | 36.0 | 2.28 | 38.6 | 36.0 | 2.50 | 37.1 | 34.6 | 2.72 | 35.5 | 33.6 | 2.99 | 33.9  | 32.7 | 3.28 | 32.1  | 31.8 | 3.62 |
|       | 80     | 67     | 42.5 | 29.3 | 2.30 | 40.7 | 30.1 | 2.52 | 38.9 | 29.4 | 2.74 | 36.9 | 29.2 | 3.00 | 34.9  | 29.2 | 3.29 | 32.8  | 29.3 | 3.63 |
|       | 80     | 72     | 46.0 | 21.6 | 2.34 | 44.1 | 22.5 | 2.55 | 42.0 | 21.9 | 2.79 | 39.9 | 21.8 | 3.04 | 37.7  | 21.9 | 3.33 | 35.4  | 22.2 | 3.66 |
|       | 75     | 63     | 39.6 | 28.3 | 2.28 | 38.0 | 28.9 | 2.49 | 36.2 | 28.3 | 2.71 | 34.4 | 28.0 | 2.98 | 32.5  | 27.9 | 3.26 | 30.5  | 27.9 | 3.60 |
| 1500  | 80     | 62     | 40.8 | 37.1 | 2.31 | 39.3 | 36.6 | 2.53 | 37.8 | 35.2 | 2.76 | 36.1 | 34.3 | 3.02 | 34.4  | 33.2 | 3.31 | 32.6  | 32.4 | 3.65 |
|       | 80     | 67     | 42.8 | 31.0 | 2.33 | 41.0 | 31.3 | 2.55 | 39.2 | 30.6 | 2.77 | 37.2 | 30.6 | 3.04 | 35.1  | 30.4 | 3.32 | 33.0  | 30.6 | 3.66 |
|       | 80     | 72     | 46.3 | 22.8 | 2.37 | 44.3 | 23.2 | 2.58 | 42.3 | 22.6 | 2.82 | 40.1 | 22.7 | 3.07 | 37.9  | 22.8 | 3.37 | 35.6  | 23.1 | 3.69 |
|       | 75     | 63     | 40.0 | 29.8 | 2.30 | 38.3 | 30.0 | 2.52 | 36.5 | 29.4 | 2.75 | 34.7 | 29.3 | 3.01 | 32.7  | 29.0 | 3.29 | 30.7  | 29.1 | 3.63 |

### R6GD-X48

| 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. |
| 1650  | 80     | 62     | 51.3 | 43.9 | 3.13 | 49.1 | 43.5 | 3.51 | 47.0 | 43.5 | 3.88 | 45.0 | 42.2 | 4.29 | 43.0  | 42.2 | 4.73 | 40.9  | 40.2 | 5.21 |
|       | 80     | 67     | 55.3 | 35.6 | 3.13 | 52.6 | 35.2 | 3.53 | 50.1 | 35.5 | 3.91 | 47.7 | 34.9 | 4.32 | 45.1  | 34.4 | 4.76 | 42.6  | 33.5 | 5.25 |
|       | 80     | 72     | 60.1 | 26.7 | 3.12 | 57.1 | 26.4 | 3.54 | 54.3 | 26.9 | 3.95 | 51.6 | 26.4 | 4.36 | 48.8  | 26.0 | 4.81 | 46.0  | 26.7 | 5.30 |
|       | 75     | 63     | 51.4 | 34.4 | 3.13 | 49.0 | 34.0 | 3.51 | 46.7 | 34.2 | 3.88 | 44.4 | 33.5 | 4.28 | 42.1  | 31.1 | 4.72 | 39.6  | 33.3 | 5.19 |
| 1800  | 80     | 62     | 52.2 | 46.1 | 3.19 | 50.0 | 46.4 | 3.57 | 48.0 | 44.7 | 3.95 | 45.9 | 43.4 | 4.36 | 43.8  | 42.3 | 4.80 | 41.6  | 41.3 | 5.29 |
|       | 80     | 67     | 55.8 | 37.2 | 3.19 | 53.2 | 38.1 | 3.58 | 50.6 | 37.1 | 3.98 | 48.1 | 36.8 | 4.39 | 45.5  | 36.8 | 4.83 | 42.9  | 36.8 | 5.32 |
|       | 80     | 72     | 60.5 | 27.7 | 3.18 | 57.6 | 28.8 | 3.60 | 54.8 | 27.9 | 4.01 | 52.0 | 27.6 | 4.43 | 49.2  | 27.8 | 4.88 | 46.3  | 28.0 | 5.37 |
|       | 75     | 63     | 52.0 | 35.9 | 3.19 | 49.6 | 36.6 | 3.57 | 47.2 | 35.7 | 3.95 | 44.8 | 35.3 | 4.35 | 42.4  | 35.2 | 4.78 | 40.0  | 35.1 | 5.26 |
| 1950  | 80     | 62     | 53.1 | 48.2 | 3.25 | 51.0 | 47.5 | 3.64 | 48.9 | 45.6 | 4.02 | 46.7 | 44.4 | 4.43 | 44.7  | 43.1 | 4.88 | 42.4  | 42.2 | 5.37 |
|       | 80     | 67     | 56.3 | 39.4 | 3.25 | 53.6 | 39.7 | 3.64 | 51.0 | 38.7 | 4.04 | 48.5 | 38.6 | 4.45 | 45.9  | 38.4 | 4.89 | 43.2  | 38.6 | 5.38 |
|       | 80     | 72     | 61.0 | 29.3 | 3.24 | 58.0 | 29.8 | 3.66 | 55.2 | 28.9 | 4.08 | 52.3 | 28.9 | 4.50 | 49.5  | 28.8 | 4.94 | 46.5  | 29.2 | 5.44 |
|       | 75     | 63     | 52.5 | 37.9 | 3.25 | 50.0 | 38.1 | 3.63 | 47.6 | 37.2 | 4.01 | 45.2 | 37.0 | 4.41 | 42.7  | 36.6 | 4.85 | 40.3  | 36.7 | 5.33 |

### R6GD-X60

| 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     | 58.9 | 45.0 | 3.83 | 56.7 | 44.6 | 4.20 | 54.4 | 44.9 | 4.61 | 52.0 | 44.1 | 5.09 | 49.6  | 46.3 | 5.61 | 47.0  | 43.9 | 6.20 |
|       | 80     | 67     | 63.7 | 36.8 | 3.91 | 61.2 | 36.6 | 4.28 | 58.6 | 37.0 | 4.70 | 56.1 | 36.4 | 5.17 | 53.3  | 35.9 | 5.69 | 50.5  | 33.9 | 6.28 |
|       | 80     | 72     | 69.9 | 28.6 | 4.02 | 67.2 | 28.5 | 4.39 | 64.4 | 29.1 | 4.82 | 61.6 | 28.5 | 5.29 | 58.5  | 28.2 | 5.82 | 55.4  | 29.0 | 6.39 |
|       | 75     | 63     | 59.3 | 35.9 | 3.84 | 57.0 | 35.6 | 4.21 | 54.7 | 35.9 | 4.62 | 52.3 | 35.2 | 5.09 | 49.7  | 32.8 | 5.61 | 47.0  | 35.1 | 6.20 |
| 1650  | 80     | 62     | 60.2 | 47.5 | 3.85 | 57.9 | 48.5 | 4.22 | 55.6 | 47.4 | 4.64 | 53.1 | 46.9 | 5.11 | 50.6  | 46.9 | 5.63 | 48.0  | 46.7 | 6.22 |
|       | 80     | 67     | 64.8 | 38.7 | 3.93 | 62.3 | 39.8 | 4.30 | 59.8 | 38.8 | 4.72 | 57.1 | 38.5 | 5.19 | 54.3  | 38.6 | 5.71 | 51.4  | 39.0 | 6.30 |
|       | 80     | 72     | 71.1 | 29.7 | 4.04 | 68.4 | 31.2 | 4.42 | 65.5 | 30.3 | 4.84 | 62.5 | 30.1 | 5.31 | 59.4  | 30.4 | 5.84 | 56.1  | 30.7 | 6.41 |
|       | 75     | 63     | 60.5 | 37.6 | 3.86 | 58.2 | 38.6 | 4.23 | 55.8 | 37.6 | 4.64 | 53.3 | 37.2 | 5.11 | 50.7  | 37.2 | 5.63 | 47.9  | 37.4 | 6.22 |
| 1800  | 80     | 62     | 61.3 | 50.6 | 3.87 | 59.0 | 50.9 | 4.24 | 56.6 | 49.8 | 4.66 | 54.1 | 49.6 | 5.13 | 51.6  | 49.2 | 5.65 | 49.2  | 48.9 | 6.25 |
|       | 80     | 67     | 65.9 | 41.1 | 3.95 | 63.4 | 41.6 | 4.32 | 60.7 | 40.6 | 4.74 | 58.0 | 40.9 | 5.21 | 55.1  | 40.7 | 5.73 | 52.1  | 41.0 | 6.31 |
|       | 80     | 72     | 72.2 | 31.6 | 4.08 | 69.3 | 32.4 | 4.44 | 66.3 | 31.4 | 4.86 | 63.2 | 31.6 | 5.32 | 60.0  | 31.6 | 5.85 | 56.5  | 32.1 | 6.42 |
|       | 75     | 63     | 61.6 | 39.9 | 3.88 | 59.2 | 40.3 | 4.24 | 56.7 | 39.3 | 4.66 | 54.2 | 39.4 | 5.13 | 51.5  | 39.1 | 5.65 | 48.6  | 39.3 | 6.23 |