

TECHNICAL SPECIFICATIONS

R6GD Series

Single Packaged Gas/Electric Units

13 SEER, R-410A

2 Ton thru 5 Ton Units

The R6GD 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.



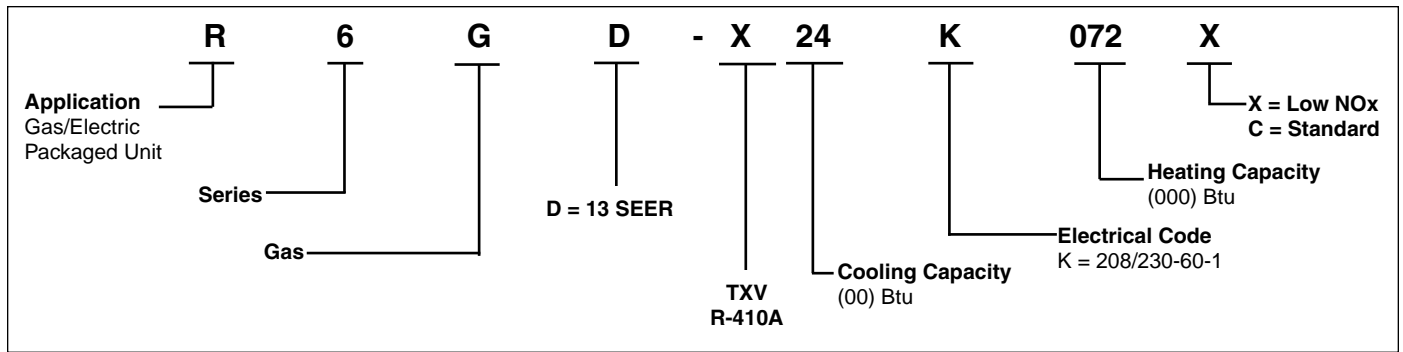
WARRANTY

- 1 Year Limited Parts Warranty
- 1 Year Limited Labor Warranty
- 5 Year Limited Compressor Warranty

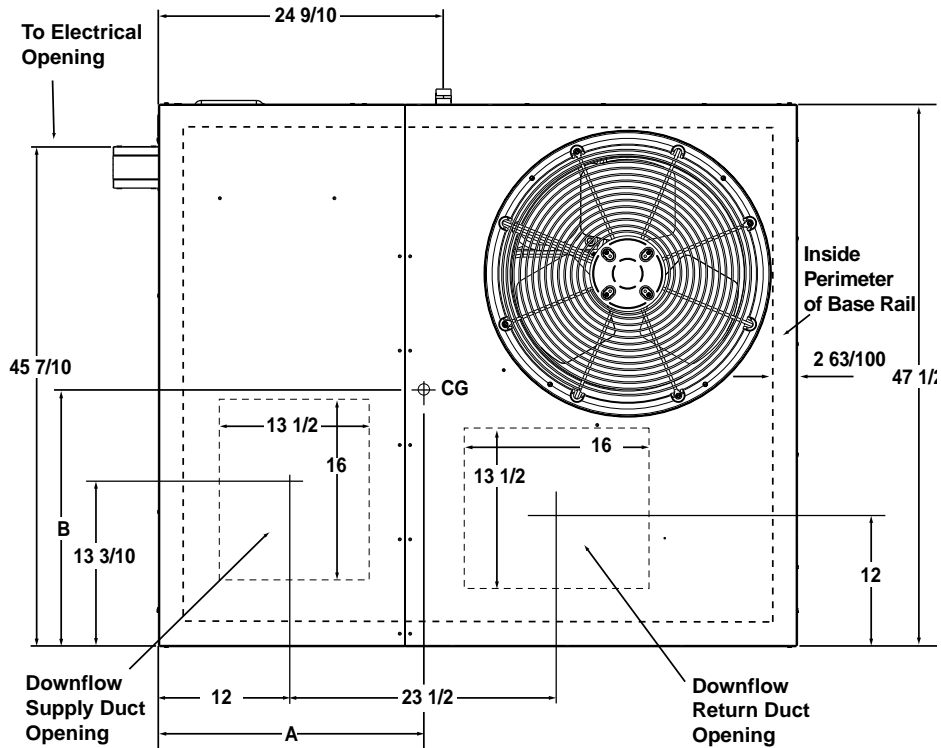
FEATURES and BENEFITS

- **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 Cabinet:** Polyurethane finish provides 950 hour salt spray protection to resist corrosion.
- **Plastic Coated Coil Guard and Mesh Hail Guard:** Will never rust and protect the coil from being damaged by balls, lawnmowers, hail etc.
- **Accessible Service Ports:** Quick access to refrigerant system without disrupting operation.
- **R-410A Refrigerant:** Environmentally Friendly.
- **Access to Controls and Major Components:** Easy in and out service.
- **Corrosion-Resistant Drain Pan:** Quickly drains away evaporator condensate.
- **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.
- **Proven, Industry Standard Components:** Easier service and availability.
- **Quiet Operation:** Low vibration. 20" fan blade combined with custom venturi condenser fan.
- **High/Low Pressure Switch:** Added compressor protection.

MODEL IDENTIFICATION CODE



DIMENSIONS

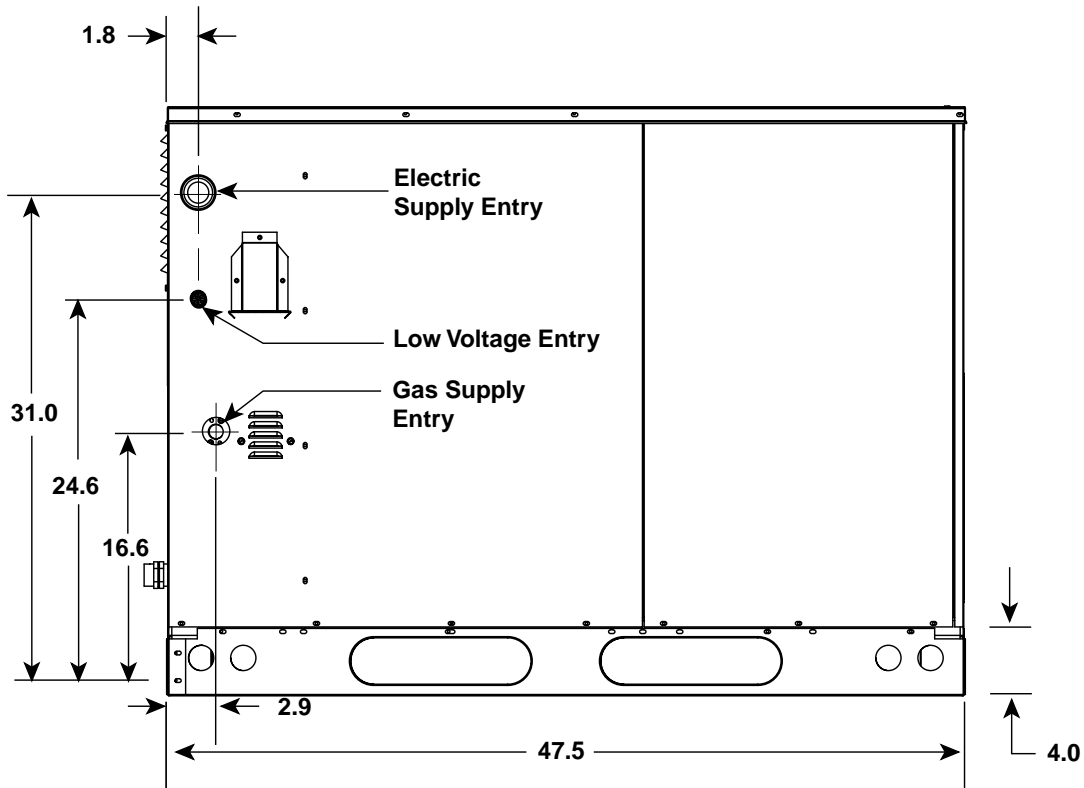


Top View

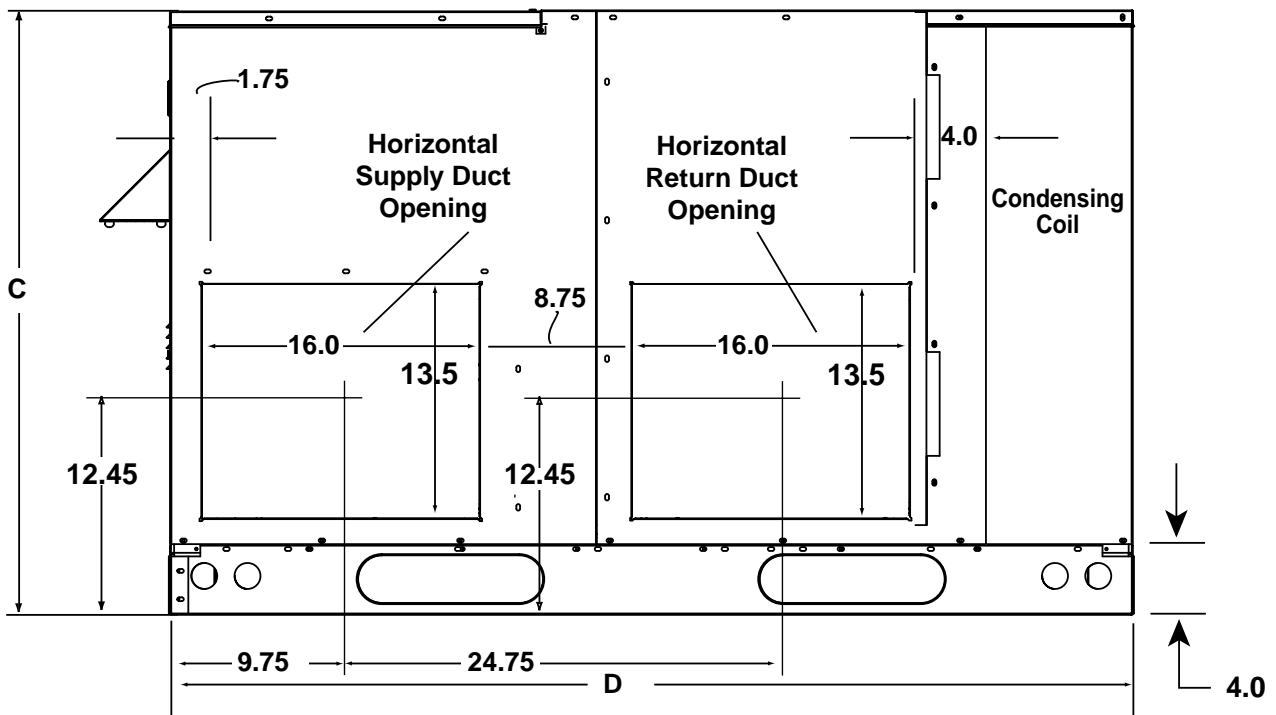
| Model Number R6GD | Unit Weight | Shipping Weight | Center of Gravity | | Height (in inches) | |
|----------------------|-------------|-----------------|-------------------|------|--------------------|--------------------|
| | | | A | B | C | |
| | | | | | with base rails | without base rails |
| X24K045† | 425 | 435 | 26.5 | 26.5 | 39.0 | 35.3 |
| X24K072† | 435 | 445 | 26.0 | 26.5 | 39.0 | 35.3 |
| X30K045† | 430 | 440 | 26.5 | 26.5 | 39.0 | 35.3 |
| X30K072† | 440 | 450 | 26.0 | 26.5 | 39.0 | 35.3 |
| X36K072† | 470 | 480 | 26.5 | 26.5 | 39.0 | 35.3 |
| X36K096† | 485 | 495 | 26.0 | 26.5 | 39.0 | 35.3 |
| X42K072† | 500 | 510 | 27.0 | 26.5 | 39.0 | 35.3 |
| X42K096† | 515 | 525 | 27.0 | 26.5 | 39.0 | 35.3 |
| X48K096† | 540 | 550 | 27.5 | 26.5 | 43.0 | 39.3 |
| X48K120† | 555 | 565 | 27.5 | 26.5 | 43.0 | 39.3 |
| X60K096† | 560 | 570 | 27.5 | 26.5 | 43.0 | 39.3 |
| X60K120† | 575 | 585 | 27.5 | 26.5 | 43.0 | 39.3 |

† Denotes either "C" or "X"

DIMENSIONS (Continued)



Side View



Back View

SPECIFICATIONS AND ELECTRICAL DATA

SINGLE PHASE

| MODEL R6GD | -X24K045(*) | -X24K072(*) | -X30K045(*) | -X30K072(*) | -X36K072(*) | -X36K096(*) | -X42K72(*) | -X42K96(*) | -X48K96(*) | -X48K120(*) | -X60K096(*) | -X60K120(*) |
|----------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Performance | | | | | | | | | | | | |
| Heating Input Btuh | 45,000 | 72,000 | 45,000 | 72,000 | 72,000 | 96,000 | 72,000 | 96,000 | 96,000 | 120,000 | 96,000 | 120,000 |
| Heating Output Btuh | 35,100 | 57,600 | 35,100 | 57,600 | 57,600 | 76,800 | 57,600 | 76,800 | 76,800 | 96,000 | 76,800 | 96,000 |
| Capacity-Cooling Btuh | 24,000 | 24,000 | 28,400 | 28,400 | 36,000 | 36,000 | 42,000 | 42,000 | 47,800 | 47,800 | 56,500 | 56,500 |
| AFUE | 78 | 80 | 78 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| Efficiency -- SEER | 13.5 | 13.5 | 14.0 | 14.0 | 14.0 | 14.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 |
| Efficiency -- EER | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 10.8 | 10.8 | 11.0 | 11.0 | 11.0 | 11.0 |
| Electrical Rating - 60 Hz | | | | | | | | | | | | |
| Phase | 1 | 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 | 187 - 253 |
| Minimum Circuit Ampacity | 22.7 | 22.7 | 26.3 | 26.3 | 29.9 | 29.9 | 36.2 | 36.2 | 39.0 | 39.0 | 46.8 | 46.8 |
| Max. Overcurrent Protection | 35 | 35 | 40 | 40 | 45 | 45 | 50 | 50 | 60 | 60 | 70 | 70 |
| Compressor Data | | | | | | | | | | | | |
| Volts | 208 / 230 | 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 | 18.6 | 22.1 | 22.1 | 24.3 | 24.3 | 29.3 | 29.3 |
| Lock Rotor Amps | 58.3 | 58.3 | 73 | 73 | 79 | 79 | 109 | 109 | 117 | 117 | 134 | 134 |
| Indoor Blower | | | | | | | | | | | | |
| Wheel Diameter | 10 x 10 | 10 x 10 | 10 x 10 | 10 x 10 | 10 x 10 | 10 x 10 | 10 x 10 | 10 x 10 | 10 x 10 | 10 x 10 | 11 x 10 | 11 x 10 |
| Motor Type | Fixed Torque | Fixed Torque | Fixed Torque | Fixed Torque | Fixed Torque | Fixed Torque | Fixed Torque | Fixed Torque | Fixed Torque | Fixed Torque | Fixed Torque | Fixed Torque |
| Motor HP | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3/4 | 3/4 | 3/4 | 3/4 | 1 | 1 |
| Motor Amps | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 6.0 | 6.0 | 6.0 | 6.0 | 7.6 | 7.6 |
| Outdoor Fan | | | | | | | | | | | | |
| Motor HP | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| Motor Amps | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 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 | 20" / 3800 | 20" / 3800 | 20" / 3800 | 20" / 3800 | 20" / 3800 | 20" / 3800 |
| Refrigerant Charge (oz) | 99.2 | 99.2 | 96 | 96 | 112 | 112 | 115.2 | 115.2 | 224 | 224 | 184 | 184 |

AIRFLOW DATA

| Model Number | Heating Input (Btu/h) | Heating Output (Btu/h) | Heating Rise Range (F) | Cooling Output (Btu/h) | Blower Size | Motor HP | Motor Tap | External Static Pressure Drop - inches water column | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-----------------------|------------------------|------------------------|------------------------|-------------|----------|-----------|---|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|--|--|--|--|--|--|
| | | | | | | | | 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 | (cfm) | (°F) Rise | | | | | | |
| R6GD- | | | | | | | Tap T1 | 845 | 38.46 | 735 | 44.22 | 625 | 52.00 | 540 | - | 453 | - | 335 | - | 217 | - | 207 | - | | | | | | | | |
| | | | | | | | | *Tap T2 | 845 | 38.46 | 735 | 44.22 | 625 | 52.00 | 540 | - | 453 | - | 335 | - | 217 | - | 207 | - | | | | | | | |
| | | | | | | | | **Tap T3 | 905 | 35.91 | 830 | 39.16 | 750 | 43.33 | 690 | 47.10 | 635 | 51.18 | 575 | 56.52 | 515 | - | 495 | - | | | | | | | |
| | | | | | | | | Tap T4 | 950 | 34.21 | 880 | 36.93 | 810 | 40.12 | 755 | 43.05 | 705 | 46.10 | 655 | 49.62 | 600 | 54.17 | 570 | 57.02 | | | | | | | |
| | | | | | | | | Tap T5 | 1110 | - | 1065 | 30.52 | 1020 | 31.86 | 965 | 33.68 | 910 | 35.71 | 865 | 37.57 | 825 | 39.39 | 790 | 41.14 | | | | | | | |
| X24C045(†) | 45,000 | 35,100 | 30-60 | 24,000 | 10 x 10 | 1/2 | Tap T1 | 845 | 63.12 | 735 | - | 625 | - | 540 | - | 453 | - | 335 | - | 217 | - | 207 | - | | | | | | | | |
| | | | | | | | | *Tap T2 | 845 | 63.12 | 735 | - | 625 | - | 540 | - | 453 | - | 335 | - | 217 | - | 207 | - | | | | | | | |
| | | | | | | | | Tap T3 | 950 | 56.14 | 880 | 60.61 | 810 | 65.84 | 755 | - | 705 | - | 655 | - | 600 | - | 570 | - | | | | | | | |
| | | | | | | | | **Tap T4 | 1110 | 48.05 | 1065 | 50.08 | 1020 | 52.29 | 965 | 55.27 | 910 | 58.61 | 865 | 61.66 | 825 | 64.65 | 790 | 67.51 | | | | | | | |
| | | | | | | | | Tap T5 | 1260 | 42.33 | 1215 | 43.90 | 1175 | 45.39 | 1125 | 47.41 | 1075 | 49.61 | 1030 | 51.78 | 990 | 53.87 | 960 | 55.56 | | | | | | | |
| X30C045(†) | 45,000 | 35,100 | 30-60 | 28,400 | 10 x 10 | 1/2 | Tap T1 | 978 | 33.23 | 816 | 39.83 | 738 | 44.04 | 668 | 48.65 | 605 | 53.72 | 544 | 59.74 | 459 | - | 385 | - | | | | | | | | |
| | | | | | | | | *Tap T2 | 1059 | 30.69 | 988 | 32.89 | 929 | 34.98 | 846 | 38.42 | 790 | 41.14 | 733 | 44.34 | 665 | 48.87 | 628 | 51.75 | | | | | | | |
| | | | | | | | | **Tap T3 | 1089 | - | 1007 | 32.27 | 918 | 35.40 | 847 | 38.37 | 786 | 41.35 | 737 | 44.10 | 675 | 48.15 | 608 | 53.45 | | | | | | | |
| | | | | | | | | Tap T4 | 1156 | - | 1089 | - | 1004 | 32.37 | 919 | 35.36 | 862 | 37.70 | 813 | 39.98 | 750 | 43.33 | 695 | 46.76 | | | | | | | |
| | | | | | | | | Tap T5 | 1382 | - | 1324 | - | 1260 | - | 1192 | - | 1110 | - | 1048 | 31.01 | 999 | 32.53 | 954 | 34.07 | | | | | | | |
| X30C072(†) | 72,000 | 57,600 | 40-70 | 28,400 | 10 x 10 | 1/2 | Tap T1 | 978 | 54.53 | 816 | 65.36 | 738 | - | 668 | - | 605 | - | 544 | - | 459 | - | 385 | - | | | | | | | | |
| | | | | | | | | *Tap T2 | 1059 | 50.36 | 988 | 53.98 | 929 | 57.41 | 846 | 63.04 | 790 | 67.51 | 733 | - | 665 | - | 628 | - | | | | | | | |
| | | | | | | | | Tap T3 | 1089 | 48.97 | 1007 | 52.96 | 918 | 58.10 | 847 | 62.97 | 786 | 67.85 | 737 | - | 675 | - | 608 | - | | | | | | | |
| | | | | | | | | **Tap T4 | 1156 | 46.14 | 1089 | 48.97 | 1004 | 53.12 | 919 | 58.03 | 862 | 61.87 | 813 | 65.60 | 750 | - | 695 | - | | | | | | | |
| | | | | | | | | Tap T5 | 1382 | - | 1324 | 40.28 | 1260 | 42.33 | 1192 | 44.74 | 1110 | 48.05 | 1048 | 50.89 | 999 | 53.39 | 954 | 55.90 | | | | | | | |
| X36C072(†) | 72,000 | 57,600 | 40-70 | 36,000 | 10 x 10 | 1/2 | Tap T1 | 1124 | 47.45 | 1049 | 50.84 | 956 | 55.79 | 883 | 60.40 | 831 | 64.18 | 784 | 68.03 | 714 | - | 654 | - | | | | | | | | |
| | | | | | | | | *Tap T2 | 1323 | 40.31 | 1261 | 42.29 | 1189 | 44.86 | 1117 | 47.75 | 1040 | 51.28 | 980 | 54.42 | 926 | 57.60 | 896 | 59.52 | | | | | | | |
| | | | | | | | | *Tap T3 | 1471 | - | 1413 | - | 1366 | - | 1303 | 40.93 | 1253 | 42.56 | 1199 | 44.48 | 1142 | 46.70 | 1090 | 48.93 | | | | | | | |
| | | | | | | | | Tap T4 | 1461 | - | 1407 | - | 1334 | - | 1259 | 42.36 | 1183 | 45.08 | 1112 | 47.96 | 1072 | 49.75 | 1028 | 51.88 | | | | | | | |
| | | | | | | | | Tap T5 | 1592 | - | 1526 | - | 1475 | - | 1403 | - | 1326 | 40.22 | 1261 | 42.29 | 1200 | 44.44 | 1129 | 47.24 | | | | | | | |
| X36C096(†) | 96,000 | 76,800 | 45-75 | 36,000 | 10 x 10 | 1/2 | Tap T1 | 1124 | 63.27 | 1049 | 67.79 | 956 | 74.38 | 883 | - | 831 | - | 784 | - | 714 | - | 654 | - | | | | | | | | |
| | | | | | | | | Tap T2 | 1323 | 53.75 | 1261 | 56.39 | 1189 | 59.81 | 1117 | 63.66 | 1040 | 68.38 | 980 | 72.56 | 926 | - | 896 | - | | | | | | | |
| | | | | | | | | *Tap T3 | 1471 | 48.34 | 1413 | 50.33 | 1366 | 52.06 | 1303 | 54.57 | 1253 | 56.75 | 1199 | 59.31 | 1142 | 62.27 | 1090 | 65.24 | | | | | | | |
| | | | | | | | | **Tap T4 | 1461 | 48.67 | 1407 | 50.54 | 1334 | 53.31 | 1259 | 56.48 | 1183 | 60.11 | 1112 | 63.95 | 1072 | 66.33 | 1028 | 69.17 | | | | | | | |
| | | | | | | | | Tap T5 | 1592 | - | 1526 | 46.60 | 1475 | 48.21 | 1403 | 50.69 | 1326 | 53.63 | 1261 | 56.39 | 1200 | 59.26 | 1129 | 62.99 | | | | | | | |

* Denotes Factory Set Cooling Speed

** Denotes Factory Set Heating Speed

† Can be C or X

AIRFLOW DATA CONTINUED

| Model Number | Heating Input (Btu/h) | Heating Output (Btu/h) | Heating Rise Range (F) | Cooling Output (Btu/h) | Blower Size | Motor HP | Motor Tap | External Static Pressure Drop - inches water column | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-----------------------|------------------------|------------------------|------------------------|-------------|----------|-----------|---|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|--|--|--|--|--|--|
| | | | | | | | | 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 | (cfm) | (°F) Rise | | | | | | |
| R6GD- | | | | | | | | Tap T1 | 1020 | 52.29 | 940 | 56.74 | 860 | 62.02 | 800 | 66.67 | 740 | 71.99 | 680 | 77.00 | 615 | 82.01 | 570 | 87.02 | | | | | | | |
| | | | | | | | | **Tap T2 | 1185 | 45.01 | 1110 | 48.05 | 1035 | 51.53 | 980 | 54.42 | 925 | 57.66 | 875 | 60.95 | 820 | 65.04 | 785 | 67.94 | | | | | | | |
| | | | | | | | | Tap T3 | 1410 | - | 1330 | 40.10 | 1250 | 42.67 | 1195 | 44.63 | 1140 | 46.78 | 1085 | 49.16 | 1030 | 51.78 | 975 | 54.70 | | | | | | | |
| | | | | | | | | *Tap T4 | 1525 | - | 1450 | - | 1370 | - | 1320 | 40.40 | 1270 | 41.99 | 1210 | 44.08 | 1150 | 46.38 | 1100 | 48.48 | | | | | | | |
| | | | | | | | | Tap T5 | 1650 | - | 1585 | - | 1520 | - | 1465 | - | 1405 | - | 1340 | - | 1280 | 41.67 | 1235 | 43.18 | | | | | | | |
| X42C072(†) | 72,000 | 57,600 | 40-70 | 42,000 | 10 x 10 | 3/4 | | Tap T1 | 1020 | 69.72 | 940 | - | 860 | - | 800 | - | 740 | - | 680 | - | 615 | - | 570 | - | | | | | | | |
| | | | | | | | | Tap T2 | 1185 | 60.01 | 1110 | 64.06 | 1035 | 68.71 | 980 | 72.56 | 925 | - | 875 | - | 820 | - | 785 | - | | | | | | | |
| | | | | | | | | **Tap T3 | 1410 | 50.43 | 1330 | 53.47 | 1250 | 56.89 | 1195 | 59.51 | 1140 | 62.38 | 1085 | 65.54 | 1030 | 69.04 | 975 | 72.93 | | | | | | | |
| | | | | | | | | *Tap T4 | 1525 | 46.63 | 1450 | 49.04 | 1370 | 51.91 | 1320 | 53.87 | 1270 | 55.99 | 1210 | 58.77 | 1150 | 61.84 | 1100 | 64.65 | | | | | | | |
| | | | | | | | | Tap T5 | 1650 | - | 1585 | - | 1520 | 46.78 | 1465 | 48.54 | 1405 | 50.61 | 1340 | 53.07 | 1280 | 55.56 | 1235 | 57.58 | | | | | | | |
| X48C096(†) | 96,000 | 76,800 | 45-75 | 42,000 | 10 x 10 | 3/4 | | Tap T1 | 1185 | 60.01 | 1110 | 64.06 | 1035 | 68.71 | 980 | 72.56 | 925 | - | 875 | - | 820 | - | 785 | - | | | | | | | |
| | | | | | | | | Tap T2 | 1410 | 50.43 | 1330 | 53.47 | 1250 | 56.89 | 1195 | 59.51 | 1140 | 62.38 | 1085 | 65.54 | 1030 | 69.04 | 975 | 72.93 | | | | | | | |
| | | | | | | | | Tap T3 | 1525 | 46.63 | 1450 | 49.04 | 1370 | 51.91 | 1320 | 53.87 | 1270 | 55.99 | 1210 | 58.77 | 1150 | 61.84 | 1100 | 64.65 | | | | | | | |
| | | | | | | | | Tap T4 | 1650 | - | 1585 | - | 1520 | 46.78 | 1465 | 48.54 | 1405 | 50.61 | 1340 | 53.07 | 1280 | 55.56 | 1235 | 57.58 | | | | | | | |
| | | | | | | | | *Tap T5 | 1775 | - | 1715 | - | 1650 | - | 1600 | - | 1540 | 46.18 | 1460 | 48.71 | 1375 | 51.72 | 1330 | 53.47 | | | | | | | |
| X48C120(†) | 120,000 | 96,000 | 45-75 | 47,800 | 10 x 10 | 3/4 | | Tap T1 | 1185 | 75.00 | 1110 | - | 1035 | - | 980 | - | 925 | - | 875 | - | 820 | - | 785 | - | | | | | | | |
| | | | | | | | | Tap T2 | 1410 | 63.04 | 1330 | 66.83 | 1250 | 71.11 | 1195 | 74.38 | 1140 | - | 1085 | - | 1030 | - | 975 | - | | | | | | | |
| | | | | | | | | Tap T3 | 1525 | 58.29 | 1450 | 61.30 | 1370 | 64.88 | 1320 | 67.34 | 1270 | 69.99 | 1210 | 73.46 | 1150 | - | 1100 | - | | | | | | | |
| | | | | | | | | Tap T4 | 1650 | 53.87 | 1585 | 56.08 | 1520 | 58.48 | 1465 | 60.68 | 1405 | 63.27 | 1340 | 66.33 | 1280 | 69.44 | 1235 | 71.97 | | | | | | | |
| | | | | | | | | *Tap T5 | 1775 | 50.08 | 1715 | 51.83 | 1650 | 53.87 | 1600 | 55.56 | 1540 | 57.72 | 1460 | 60.88 | 1375 | 64.65 | 1330 | 66.83 | | | | | | | |
| X60C096(†) | 96,000 | 76,800 | 45-75 | 56,500 | 11 x 10 | 1 | | Tap T1 | 1259 | 56.48 | 1187 | 59.91 | 1130 | 62.93 | 1069 | 66.52 | 1015 | 70.06 | 955 | 74.46 | 923 | - | 869 | - | | | | | | | |
| | | | | | | | | Tap T2 | 1583 | - | 1521 | 46.75 | 1467 | 48.47 | 1416 | 50.22 | 1360 | 52.29 | 1306 | 54.45 | 1265 | 56.21 | 1212 | 58.67 | | | | | | | |
| | | | | | | | | *Tap T3 | 1827 | - | 1771 | - | 1703 | - | 1656 | - | 1565 | 45.44 | 1461 | 48.67 | 1363 | 52.17 | 1237 | 57.49 | | | | | | | |
| | | | | | | | | Tap T4 | 2009 | - | 1931 | - | 1834 | - | 1761 | - | 1639 | - | 1525 | 46.63 | 1441 | 49.35 | 1293 | 55.00 | | | | | | | |
| | | | | | | | | Tap T5 | 2076 | - | 1967 | - | 1870 | - | 1758 | - | 1662 | - | 1556 | 45.70 | 1450 | 49.04 | 1331 | 53.43 | | | | | | | |
| X60C120(†) | 120,000 | 96,000 | 45-75 | 56,500 | 11 x 10 | 1 | | Tap T1 | 1259 | 70.60 | 1187 | 74.89 | 1130 | - | 1069 | - | 1015 | - | 955 | - | 923 | - | 869 | - | | | | | | | |
| | | | | | | | | Tap T2 | 1583 | 56.15 | 1521 | 58.44 | 1467 | 60.59 | 1416 | 62.77 | 1360 | 65.36 | 1306 | 68.06 | 1265 | 70.27 | 1212 | 73.34 | | | | | | | |
| | | | | | | | | *Tap T3 | 1827 | 48.65 | 1771 | 50.19 | 1703 | 52.20 | 1656 | 53.68 | 1565 | 56.80 | 1461 | 60.84 | 1363 | 65.22 | 1237 | 71.86 | | | | | | | |
| | | | | | | | | Tap T4 | 2009 | - | 1931 | 46.03 | 1834 | 48.47 | 1761 | 50.48 | 1639 | 54.23 | 1525 | 58.29 | 1441 | 61.69 | 1293 | 68.75 | | | | | | | |
| | | | | | | | | Tap T5 | 2076 | - | 1967 | 45.19 | 1870 | 47.53 | 1758 | 50.56 | 1662 | 53.48 | 1556 | 57.13 | 1450 | 61.30 | 1331 | 66.78 | | | | | | | |

* Denotes Factory Set Cooling Speed
 ** Denotes Factory Set Heating Speed
 † Can be C or X

EXPANDED RATINGS

R6GD-X24

| O.D.T | | | 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. |
| 725 | 80 | 62 | 24.7 | 20.5 | 1.66 | 22.7 | 20.3 | 1.89 | 20.7 | 20.2 | 2.17 | 18.7 | 18.5 | 2.53 |
| | 80 | 67 | 26.7 | 16.4 | 1.69 | 24.4 | 15.6 | 1.92 | 22.1 | 15.1 | 2.19 | 19.5 | 14.3 | 2.55 |
| | 80 | 72 | 24.7 | 20.5 | 1.66 | 22.7 | 19.7 | 1.89 | 20.7 | 18.7 | 2.17 | 18.7 | 16.8 | 2.53 |
| | 75 | 63 | 24.9 | 16.1 | 1.67 | 22.8 | 16.1 | 1.89 | 20.5 | 15.6 | 2.17 | 18.1 | 14.9 | 2.52 |
| 800 | 80 | 62 | 25.2 | 21.7 | 1.67 | 23.2 | 22.0 | 1.89 | 21.3 | 20.8 | 2.18 | 19.2 | 19.2 | 2.55 |
| | 80 | 67 | 27.1 | 17.2 | 1.70 | 24.8 | 16.8 | 1.92 | 22.4 | 16.0 | 2.20 | 19.7 | 15.2 | 2.57 |
| | 80 | 72 | 25.2 | 21.7 | 1.67 | 23.2 | 20.8 | 1.89 | 21.3 | 19.2 | 2.18 | 19.2 | 17.3 | 2.55 |
| | 75 | 63 | 25.3 | 17.6 | 1.67 | 23.2 | 17.4 | 1.89 | 20.8 | 16.7 | 2.17 | 18.3 | 15.9 | 2.53 |
| 875 | 80 | 62 | 25.7 | 23.6 | 1.68 | 23.9 | 22.7 | 1.90 | 21.9 | 21.9 | 2.19 | 19.6 | 19.6 | 2.56 |
| | 80 | 67 | 27.5 | 18.4 | 1.70 | 25.2 | 17.7 | 1.93 | 22.7 | 16.9 | 2.21 | 20.0 | 16.1 | 2.57 |
| | 80 | 72 | 25.7 | 22.9 | 1.68 | 23.9 | 21.5 | 1.90 | 21.9 | 19.7 | 2.19 | 19.6 | 17.7 | 2.56 |
| | 75 | 63 | 25.7 | 19.5 | 1.68 | 23.5 | 18.8 | 1.90 | 21.1 | 18.0 | 2.17 | 18.6 | 17.0 | 2.53 |

R6GD-X30

| O.D.T | | | 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. |
| 850 | 80 | 62 | 27.6 | 23.5 | 2.09 | 26.4 | 23.7 | 2.32 | 25.2 | 24.4 | 2.57 | 24.0 | 23.8 | 2.87 |
| | 80 | 67 | 29.8 | 18.8 | 2.11 | 28.5 | 18.5 | 2.34 | 27.1 | 18.1 | 2.59 | 25.6 | 17.6 | 2.88 |
| | 80 | 72 | 32.6 | 14.2 | 2.14 | 31.1 | 13.8 | 2.36 | 29.6 | 13.4 | 2.61 | 27.9 | 13.0 | 2.90 |
| | 75 | 63 | 32.6 | 14.5 | 2.14 | 31.1 | 14.8 | 2.36 | 29.6 | 14.8 | 2.61 | 27.9 | 14.7 | 2.90 |
| 950 | 80 | 62 | 28.3 | 25.1 | 2.10 | 27.2 | 25.8 | 2.32 | 26.0 | 25.4 | 2.58 | 24.8 | 24.8 | 2.87 |
| | 80 | 67 | 30.4 | 20.2 | 2.12 | 29.0 | 19.8 | 2.34 | 27.5 | 19.3 | 2.59 | 26.0 | 18.8 | 2.88 |
| | 80 | 72 | 33.1 | 14.9 | 2.15 | 31.6 | 14.5 | 2.37 | 30.0 | 14.1 | 2.61 | 28.3 | 13.7 | 2.90 |
| | 75 | 63 | 33.1 | 16.2 | 2.15 | 31.6 | 16.2 | 2.37 | 30.0 | 16.1 | 2.61 | 28.3 | 15.8 | 2.90 |
| 1050 | 80 | 62 | 29.5 | 27.3 | 2.11 | 28.4 | 27.0 | 2.34 | 27.2 | 27.2 | 2.59 | 25.9 | 25.9 | 2.88 |
| | 80 | 67 | 31.2 | 21.8 | 2.13 | 29.8 | 21.4 | 2.35 | 28.3 | 20.9 | 2.60 | 26.7 | 20.4 | 2.89 |
| | 80 | 72 | 33.9 | 16.0 | 2.15 | 32.3 | 15.6 | 2.37 | 30.7 | 15.2 | 2.63 | 28.9 | 14.8 | 2.90 |
| | 75 | 63 | 33.9 | 18.3 | 2.15 | 32.3 | 18.1 | 2.37 | 30.7 | 17.7 | 2.63 | 28.9 | 17.3 | 2.90 |

EXPANDED RATINGS Continued

R6GD-X36

| O.D.T | | | 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. |
| 1300 | 80 | 62 | 36.4 | 32.8 | 2.69 | 34.9 | 32.3 | 2.95 | 33.3 | 32.4 | 3.25 | 31.5 | 31.2 | 3.58 |
| | 80 | 67 | 38.6 | 27.0 | 2.71 | 36.6 | 26.4 | 2.97 | 34.6 | 25.7 | 3.26 | 32.5 | 25.1 | 3.59 |
| | 80 | 72 | 41.8 | 19.8 | 2.76 | 39.7 | 19.2 | 3.01 | 37.5 | 18.7 | 3.30 | 35.2 | 18.1 | 3.62 |
| | 75 | 63 | 35.9 | 26.3 | 2.68 | 34.1 | 26.5 | 2.94 | 32.2 | 26.3 | 3.23 | 30.2 | 25.9 | 3.57 |
| 1400 | 80 | 62 | 37.1 | 33.4 | 2.72 | 35.5 | 33.8 | 2.99 | 33.9 | 33.0 | 3.28 | 32.1 | 32.1 | 3.62 |
| | 80 | 67 | 38.9 | 28.2 | 2.74 | 36.9 | 27.6 | 3.00 | 34.9 | 26.9 | 3.29 | 32.8 | 26.3 | 3.63 |
| | 80 | 72 | 42.0 | 20.5 | 2.79 | 39.9 | 20.0 | 3.04 | 37.7 | 19.4 | 3.33 | 35.4 | 18.9 | 3.66 |
| | 75 | 63 | 36.2 | 28.4 | 2.71 | 34.4 | 28.3 | 2.98 | 32.5 | 27.9 | 3.26 | 30.5 | 27.3 | 3.60 |
| 1500 | 80 | 62 | 37.8 | 34.9 | 2.76 | 36.1 | 34.3 | 3.02 | 34.4 | 34.4 | 3.31 | 32.6 | 32.6 | 3.65 |
| | 80 | 67 | 39.2 | 29.4 | 2.77 | 37.2 | 28.8 | 3.04 | 35.1 | 28.1 | 3.32 | 33.0 | 27.4 | 3.66 |
| | 80 | 72 | 42.3 | 21.3 | 2.82 | 40.1 | 20.7 | 3.07 | 37.9 | 20.3 | 3.37 | 35.6 | 19.7 | 3.69 |
| | 75 | 63 | 36.5 | 30.7 | 2.75 | 34.7 | 30.2 | 3.01 | 32.7 | 29.5 | 3.29 | 30.7 | 28.8 | 3.63 |

R6GD-X42

| O.D.T | | | 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. |
| 1400 | 80 | 62 | 42.1 | 37.5 | 3.57 | 40.3 | 37.3 | 3.95 | 38.5 | 37.5 | 4.37 | 36.5 | 36.2 | 4.82 |
| | 80 | 67 | 45.3 | 30.2 | 3.61 | 43.0 | 29.5 | 3.98 | 40.7 | 28.7 | 4.40 | 38.3 | 28.0 | 4.86 |
| | 80 | 72 | 49.3 | 22.5 | 3.66 | 46.7 | 21.8 | 4.02 | 44.2 | 21.1 | 4.43 | 41.5 | 20.5 | 4.90 |
| | 75 | 63 | 42.2 | 29.6 | 3.57 | 40.1 | 29.7 | 3.95 | 37.9 | 29.5 | 4.36 | 35.6 | 29.1 | 4.81 |
| 1500 | 80 | 62 | 43.0 | 38.7 | 3.58 | 41.2 | 39.1 | 3.96 | 39.3 | 38.3 | 4.38 | 37.3 | 37.3 | 4.84 |
| | 80 | 67 | 45.7 | 31.5 | 3.62 | 43.4 | 30.8 | 3.98 | 41.1 | 30.0 | 4.40 | 38.7 | 29.2 | 4.86 |
| | 80 | 72 | 49.7 | 23.3 | 3.66 | 47.2 | 22.6 | 4.03 | 44.5 | 21.9 | 4.44 | 41.7 | 21.3 | 4.90 |
| | 75 | 63 | 42.7 | 32.0 | 3.58 | 40.5 | 31.7 | 3.95 | 38.3 | 31.3 | 4.37 | 36.0 | 30.6 | 4.82 |
| 1600 | 80 | 62 | 43.8 | 40.5 | 3.59 | 41.9 | 39.8 | 3.97 | 40.0 | 40.0 | 4.39 | 37.9 | 37.9 | 4.85 |
| | 80 | 67 | 46.2 | 32.8 | 3.62 | 43.9 | 32.0 | 3.99 | 41.5 | 31.2 | 4.41 | 39.0 | 30.4 | 4.87 |
| | 80 | 72 | 50.1 | 24.1 | 3.67 | 47.5 | 23.4 | 4.03 | 44.8 | 22.7 | 4.44 | 42.1 | 22.0 | 4.91 |
| | 75 | 63 | 43.1 | 34.5 | 3.59 | 40.9 | 33.9 | 3.95 | 38.7 | 33.2 | 4.37 | 36.3 | 32.3 | 4.82 |

EXPANDED RATINGS Continued

R6GD-X48

| O.D.T | | | 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. |
| 1650 | 80 | 62 | 46.9 | 41.9 | 3.88 | 45.0 | 41.6 | 4.29 | 43.0 | 41.9 | 4.73 | 40.9 | 40.5 | 5.21 |
| | 80 | 67 | 50.2 | 33.9 | 3.92 | 47.7 | 33.0 | 4.32 | 45.1 | 32.2 | 4.76 | 42.6 | 31.3 | 5.25 |
| | 80 | 72 | 50.2 | 33.9 | 3.92 | 47.7 | 33.0 | 4.32 | 45.1 | 32.2 | 4.76 | 42.6 | 31.3 | 5.25 |
| | 75 | 63 | 46.8 | 33.1 | 3.88 | 44.4 | 33.2 | 4.28 | 42.1 | 33.0 | 4.72 | 39.6 | 32.5 | 5.19 |
| 1800 | 80 | 62 | 48.0 | 43.2 | 3.95 | 45.9 | 43.6 | 4.36 | 43.8 | 42.7 | 4.80 | 41.6 | 41.6 | 5.29 |
| | 80 | 67 | 50.6 | 35.5 | 3.98 | 48.1 | 34.6 | 4.39 | 45.5 | 33.8 | 4.83 | 42.9 | 32.9 | 5.32 |
| | 80 | 72 | 50.6 | 35.5 | 3.98 | 48.1 | 34.6 | 4.39 | 45.5 | 33.8 | 4.83 | 42.9 | 32.9 | 5.32 |
| | 75 | 63 | 47.2 | 35.9 | 3.95 | 44.8 | 35.7 | 4.35 | 42.4 | 35.1 | 4.78 | 40.0 | 34.4 | 5.26 |
| 1950 | 80 | 62 | 48.9 | 45.2 | 4.02 | 46.7 | 44.4 | 4.43 | 44.7 | 44.6 | 4.88 | 42.4 | 42.4 | 5.37 |
| | 80 | 67 | 51.0 | 37.1 | 4.04 | 48.5 | 36.2 | 4.45 | 45.9 | 35.3 | 4.89 | 43.2 | 34.4 | 5.38 |
| | 80 | 72 | 51.0 | 37.1 | 4.04 | 48.5 | 36.2 | 4.45 | 45.9 | 35.3 | 4.89 | 43.2 | 34.4 | 5.38 |
| | 75 | 63 | 47.6 | 38.9 | 4.01 | 45.2 | 38.2 | 4.41 | 42.7 | 37.3 | 4.85 | 40.3 | 36.4 | 5.33 |

R6GD-X60

| O.D.T | | | 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. |
| 1500 | 80 | 62 | 54.4 | 43.1 | 4.61 | 52.0 | 43.4 | 5.09 | 49.6 | 44.8 | 5.61 | 47.0 | 44.2 | 6.20 |
| | 80 | 67 | 58.7 | 35.1 | 4.70 | 56.1 | 34.2 | 5.17 | 53.3 | 33.2 | 5.69 | 50.5 | 32.2 | 6.28 |
| | 80 | 72 | 64.4 | 27.0 | 4.82 | 61.6 | 26.1 | 5.29 | 58.5 | 25.3 | 5.82 | 55.4 | 24.4 | 6.39 |
| | 75 | 63 | 54.7 | 34.7 | 4.62 | 52.3 | 34.9 | 5.09 | 49.7 | 34.6 | 5.61 | 47.0 | 34.1 | 6.20 |
| 1650 | 80 | 62 | 55.6 | 45.6 | 4.64 | 53.1 | 47.2 | 5.11 | 50.6 | 47.3 | 5.63 | 48.0 | 47.1 | 6.22 |
| | 80 | 67 | 59.8 | 36.9 | 4.72 | 57.1 | 36.0 | 5.19 | 54.3 | 35.0 | 5.71 | 51.4 | 34.3 | 6.30 |
| | 80 | 72 | 65.5 | 28.1 | 4.84 | 62.5 | 27.3 | 5.31 | 59.4 | 26.5 | 5.84 | 56.1 | 25.6 | 6.41 |
| | 75 | 63 | 55.8 | 37.9 | 4.64 | 53.3 | 37.6 | 5.11 | 50.7 | 37.1 | 5.63 | 47.9 | 36.6 | 6.22 |
| 1800 | 80 | 62 | 56.6 | 49.4 | 4.66 | 54.1 | 49.6 | 5.13 | 51.6 | 50.9 | 5.65 | 49.2 | 49.1 | 6.25 |
| | 80 | 67 | 60.7 | 38.6 | 4.74 | 58.0 | 38.0 | 5.21 | 55.1 | 37.0 | 5.73 | 52.1 | 36.0 | 6.31 |
| | 80 | 72 | 66.3 | 29.3 | 4.86 | 63.2 | 28.5 | 5.32 | 60.0 | 27.6 | 5.85 | 56.5 | 26.7 | 6.42 |
| | 75 | 63 | 56.7 | 41.3 | 4.66 | 54.2 | 40.9 | 5.13 | 51.5 | 39.9 | 5.65 | 48.6 | 38.9 | 6.23 |

R6GD 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 w/filter (does not require filter kit) modulating | 558870 |
| Economizer, horizontal modulating | 547841 |
| Power Exhaust, horizontal economizer (special order) | 547843 |
| Power Exhaust, downflow economizer (special order) | 547842 |
| 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. 34" X 76" R6GD-024,030,036,042 | 547846 |
| Hood Type Hail Guard, Coil Dim. 38" X 76" R6GD-048,060 | 547847 |
| DUCT SMOKE DETECTOR PHOTO ELEC | 547892 |
| MULTI SIGNAL CONTROL | 547893 |
| SAMPLING TUBE ST3 | 547894 |
| SAMPLING TUBE ST5 | 547895 |
| Low Ambient Kit | 918837 |
| Canadian LP Gas Conversion Kit (0 to 4,500 ft above sea level) | 904091A |
| U.S. LP Gas Conversion Kit (0 ft to 10,000 ft above sea level) | 904090A |
| 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, Wall Mount | 920317 |
| Control, CO2 sensor, Duct Mount | 920318 |



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 year 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

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869C-0110 (Replaces 869C-0808)