

## TECHNICAL SPECIFICATIONS

# GP5RD Series

## Single Packaged Air Conditioner, Single Phase

**GP5RD 13 SEER, R-410A**

**2 thru 5 Ton Units**

**Cooling: 24,000 to 55,500 Btuh**

The GP5 Series single packaged air conditioners are high efficiency self contained cooling and heating units that can be installed on a slab. Units are ETL and ETLc listed.



## WARRANTY

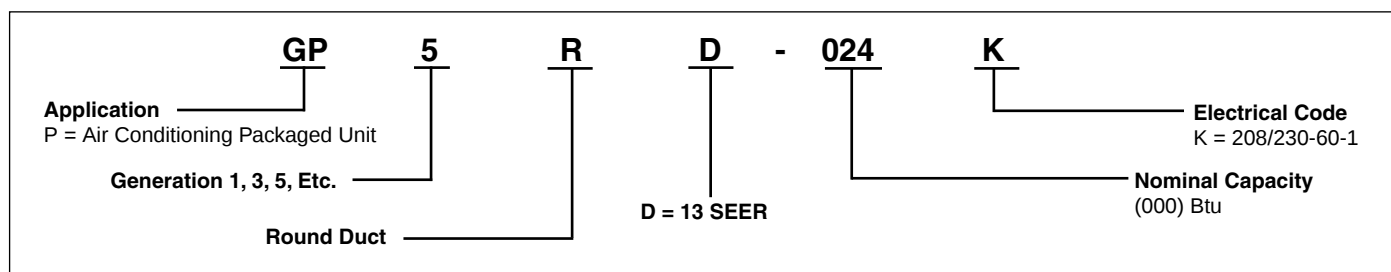
- This product offers a 10-year all-parts warranty.
- This product offers a 1 Year Quality Pledge to replace the unit if the compressor fails in the first year of operation, to the original owner.
- Consumer product registration required for 10 year All Parts Warranty and Quality Pledge within a limited period of time after the installation. See current warranty document or visit our consumer web site for warranty details.

## FEATURES and BENEFITS

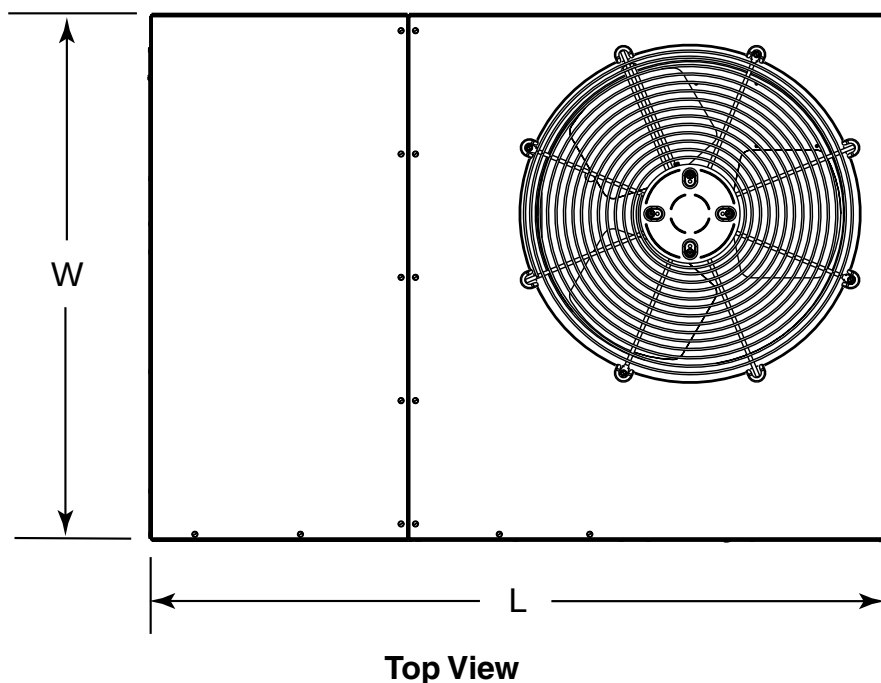
- **Quality Compressor:** State of the art scroll compressor is standard equipment.
- **R-410A Refrigerant:** Earth friendly non-ozone depleting refrigerant.
- **Hi/Low Pressure Switches:** Ensure long compressor life.
- **Copper Tube / Aluminum Fin Coils:** Both indoor and outdoor coils are designed to optimize heat transfer, minimize size and cost, and increase durability and reliability.
- **Permanently Lubricated Condenser Motor:** A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- **Low voltage Transformer:** Includes 3 Amp fuse to protect low voltage circuit.
- **Liquid Line Filter Driers:** Factory installed at a convenient location for service.
- **Designed using Galvanized Steel:** With a polyester urethane coat finish. The 950 hour salt spray finish is 1.5 mil thick and resists corrosion 50% better than comparable units.
- **Compact Footprint and Profile:** Make the P5 Series easy to install and transport.
- **0" Clearance:** To combustibles on duct side of the unit allows for installations in tight areas.
- **Plastic mesh hail guard:** A guard that will never rust and protects the units coil from being damaged.
- **Raised Base Pan:** Allows water to drain away from the unit.
- **Easy Compressor and Control Access:** Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the side of the unit. Hi/low service ports allow access without disrupting operation.
- **Easy access:** To the evaporator coil for cleaning and general maintenance.
- **Drain Trap:** Design optimizes drainage capabilities.
- **Removable Top Grille Assembly:** Allows ease of service to the fan motor.
- **Optional Electric Heat:** Field installed 5 – 20 KW.



## MODEL IDENTIFICATION CODE



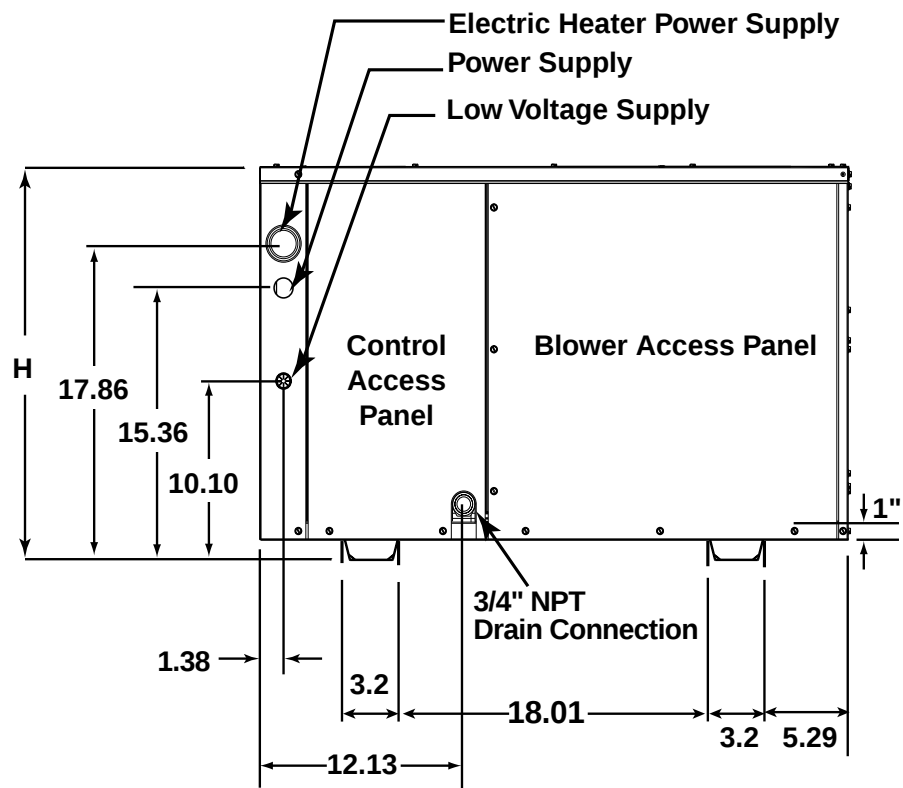
## DIMENSIONS



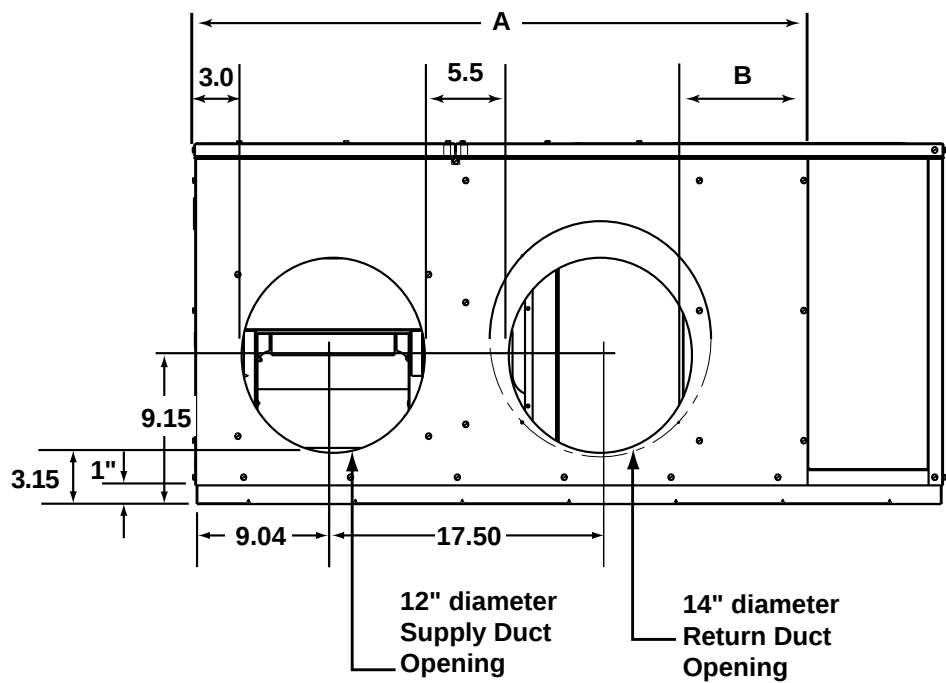
| Model No.<br>GP5RD- | (L)<br>Length | (W)<br>Width | (H)<br>Height | A     | B    |
|---------------------|---------------|--------------|---------------|-------|------|
| 024K                | 49            | 35           | 30.2          | 35.02 | 2.48 |
| 030K                | 49            | 35           | 30.2          | 35.02 | 2.48 |
| 036K                | 49            | 35           | 30.2          | 35.02 | 2.48 |
| 042K                | 49            | 35           | 30.2          | 35.02 | 2.48 |
| 048K                | 49            | 35           | 30.2          | 35.02 | 2.48 |
| 060K                | 49            | 35           | 34.2          | 35.02 | 2.48 |

| Model Number<br>GP5RD- | Return<br>Diameter (in) | Supply<br>Diameter (in) |
|------------------------|-------------------------|-------------------------|
| 024K                   | 14                      | 12                      |
| 030K                   | 14                      | 12                      |
| 036K                   | 14                      | 12                      |
| 042K                   | 14                      | 12                      |
| 048K                   | 14                      | 12                      |
| 060K                   | 14                      | 12                      |

**DIMENSIONS Continued**



**Side View**



**Back (Duct) View**

## PHYSICAL SPECIFICATIONS

### GP5RD Models

| Model No. GP5RD                   | 024K       | 030K       | 036K       | 042K       | 048K       | 060K       |
|-----------------------------------|------------|------------|------------|------------|------------|------------|
| <b>Electric Rating - 60Hz (a)</b> |            |            |            |            |            |            |
| Operating Voltage Range           | 187 - 253  | 187 - 253  | 187 - 253  | 187 - 253  | 187 - 253  | 187 - 253  |
| Min. Circuit Ampacity (a)         | 18.5       | 22.1       | 26.5       | 32.9       | 37.6       | 44.0       |
| Field Wire Size - AWG (a)         | 12         | 10         | 10         | 8          | 8          | 6          |
| Delay Fuse - Max. (b)             | 30         | 35         | 45         | 50         | 60         | 70         |
| Total Unit - Amps FLA             | 15.3       | 18.2       | 21.8       | 27.4       | 31.5       | 36.6       |
| <b>Compressor Data</b>            |            |            |            |            |            |            |
| Volts                             | 208 - 230  | 208 - 230  | 208 - 230  | 208 - 230  | 208 - 230  | 208 - 230  |
| Rated Load Amps                   | 12.8       | 15.7       | 18.6       | 22.1       | 24.3       | 29.4       |
| Lock Rotor Amps                   | 58.3       | 73.0       | 79.0       | 109.0      | 117.0      | 134.0      |
| <b>Fan Motor and Condenser</b>    |            |            |            |            |            |            |
| Fan Motor - HP - RPM              | 1/8 - 1100 | 1/8 - 1100 | 1/8 - 1100 | 1/8 - 1100 | 1/4 - 1100 | 1/4 - 1100 |
| Fan Motor - Amps                  | 1.1        | 1.1        | 1.1        | 1.2        | 1.2        | 1.2        |
| Fan Diameter / CFM                | 20" - 2800 | 20" - 2800 | 20" - 2800 | 20" - 3000 | 20" - 3000 | 20" - 3000 |
| <b>Motor and Evaporator</b>       |            |            |            |            |            |            |
| Blower Motor - HP - RPM           | 1/4 - 980  | 1/4 - 980  | 1/3 - 900  | 1/2 - 1000 | 3/4 - 1060 | 3/4 - 1060 |
| Blower Motor - Amps               | 1.4        | 1.4        | 2.1        | 4.1        | 6          | 6          |
| CFM @ E.S.P. - in. W.C.           | 770 @ .30  | 1064 @ .30 | 1246 @ .30 | 1300 @ .30 | 1500 @ .30 | 1650 @ .30 |
| <b>Refrigerant Charge - Oz.</b>   | 125        | 128        | 157        | 126.4      | 155.2      | 148.8      |
| <b>Shipping weight - lbs.</b>     | 290        | 295        | 295        | 312        | 318        | 348        |

(a) Amperage and wire size based on refrigeration system only. See Electrical Data tables for supplemental electric heaters.  
Refer to National Electric Code for additional derating factors for field installed conductors.

(b) Use time delay fuse or "HACR" type circuit breaker.

# ELECTRICAL DATA

| Model      | Heater kw | Single Circuit<br>with PSC Blower |            |     | Multiple Supply Circuit Option              |            |     |                                    |            |     |
|------------|-----------|-----------------------------------|------------|-----|---------------------------------------------|------------|-----|------------------------------------|------------|-----|
|            |           |                                   |            |     | Circuit A,<br>Compressor and Fan            |            |     | Circuit B,PSC Blower<br>and Heater |            |     |
|            |           | MCA                               | Wire Gage* | MOP | MCA                                         | Wire Gage* | MOP | MCA                                | Wire Gage* | MOP |
| GP5RD-024K | 0         | 19                                | 12         | 30  | -                                           | -          | -   | -                                  | -          | -   |
|            | 5         | 27                                | 10         | 30  | -                                           | -          | -   | -                                  | -          | -   |
|            | 8         | 41                                | 8          | 45  | -                                           | -          | -   | -                                  | -          | -   |
|            | 10        | 52                                | 8          | 60  | -                                           | -          | -   | -                                  | -          | -   |
| GP5RD-030K | 0         | 22                                | 10         | 35  | -                                           | -          | -   | -                                  | -          | -   |
|            | 5         | 27                                | 10         | 35  | -                                           | -          | -   | -                                  | -          | -   |
|            | 8         | 41                                | 8          | 45  | -                                           | -          | -   | -                                  | -          | -   |
|            | 10        | 52                                | 8          | 60  | -                                           | -          | -   | -                                  | -          | -   |
|            | 15        | 77                                | 4          | 80  | 50                                          | 8          | 60  | 27                                 | 10         | 30  |
| GP5RD-036K | 0         | 27                                | 10         | 45  | -                                           | -          | -   | -                                  | -          | -   |
|            | 5         | 28                                | 10         | 45  | -                                           | -          | -   | -                                  | -          | -   |
|            | 8         | 42                                | 8          | 45  | -                                           | -          | -   | -                                  | -          | -   |
|            | 10        | 53                                | 8          | 60  | -                                           | -          | -   | -                                  | -          | -   |
|            | 15        | 78                                | 4          | 80  | 50                                          | 8          | 60  | 28                                 | 10         | 30  |
| Model      | Heater kw | Single Circuit<br>with ECM Blower |            |     | Multiple Supply Circuit Option              |            |     |                                    |            |     |
|            |           |                                   |            |     | Circuit A, Compressor,<br>ECM Blower, & Fan |            |     | Circuit B, Heater                  |            |     |
|            |           | MCA                               | Wire Gage* | MOP | MCA                                         | Wire Gage* | MOP | MCA                                | Wire Gage* | MOP |
| GP5RD-042K | 0         | 33                                | 8          | 50  | -                                           | -          | -   | -                                  | -          | -   |
|            | 5         | 33                                | 8          | 50  | -                                           | -          | -   | -                                  | -          | -   |
|            | 8         | 41                                | 8          | 50  | -                                           | -          | -   | -                                  | -          | -   |
|            | 10        | 52                                | 8          | 60  | -                                           | -          | -   | -                                  | -          | -   |
|            | 15        | 77                                | 4          | 80  | 52                                          | 8          | 60  | 25                                 | 10         | 30  |
|            | 20        | 102                               | 3          | 110 | 52                                          | 8          | 60  | 50                                 | 8          | 60  |
| GP5RD-048K | 0         | 38                                | 8          | 60  | -                                           | -          | -   | -                                  | -          | -   |
|            | 5         | 38                                | 8          | 60  | -                                           | -          | -   | -                                  | -          | -   |
|            | 8         | 41                                | 8          | 60  | -                                           | -          | -   | -                                  | -          | -   |
|            | 10        | 52                                | 8          | 60  | -                                           | -          | -   | -                                  | -          | -   |
|            | 15        | 77                                | 4          | 80  | 52                                          | 8          | 60  | 25                                 | 10         | 30  |
|            | 20        | 102                               | 3          | 110 | 52                                          | 8          | 60  | 50                                 | 8          | 60  |
| GP5RD-060K | 0         | 44                                | 8          | 70  | -                                           | -          | -   | -                                  | -          | -   |
|            | 5         | 44                                | 8          | 70  | -                                           | -          | -   | -                                  | -          | -   |
|            | 8         | 44                                | 8          | 70  | -                                           | -          | -   | -                                  | -          | -   |
|            | 10        | 52                                | 8          | 70  | -                                           | -          | -   | -                                  | -          | -   |
|            | 15        | 77                                | 4          | 80  | 52                                          | 8          | 70  | 25                                 | 10         | 30  |
|            | 20        | 102                               | 3          | 110 | 52                                          | 8          | 70  | 50                                 | 8          | 60  |

\* Copper Wire Gage at 90° Celsius

MCA, Minimum Circuit Ampacity

MOP, Maximum Over-current Protection

**NOTE:** If electric heat is installed, and the overcurrent rating exceeds 60A, internal circuit breakers must be installed in addition to branch circuit protection at the distribution panel.

## SYSTEM COOLING CAPACITIES

| Model Number<br>GP5RD- | Cooling Btuh | SEER | EER  |
|------------------------|--------------|------|------|
| 024K                   | 24,000       | 13   | 12.4 |
| 030K                   | 30,000       | 13   | 12.0 |
| 036K                   | 35,600       | 13   | 11.4 |
| 042K                   | 41,000       | 13   | 11.5 |
| 048K                   | 47,500       | 13   | 11.3 |
| 060K                   | 55,500       | 13   | 10.8 |

## BLOWER PERFORMANCE

| Model Number<br>GP5RD |        | External Static Pressure (in. WC) |      |      |      |      |      |
|-----------------------|--------|-----------------------------------|------|------|------|------|------|
|                       |        | 0.1                               | 0.2  | 0.3  | 0.4  | 0.5  | 0.6  |
| 024K *                | Low    | 847                               | 808  | 770  | 726  | 664  | 562  |
|                       | High   | 1104                              | 1114 | 1064 | 1010 | 935  | 846  |
| 030K †                | Low    | 847                               | 808  | 770  | 726  | 664  | 562  |
|                       | High   | 1104                              | 1114 | 1064 | 1010 | 935  | 846  |
| 036K †                | Low    | 1323                              | 1285 | 1246 | 1196 | 1146 | 1087 |
|                       | High   | 1559                              | 1525 | 1486 | 1430 | 1381 | 1315 |
| 042K<br>*<br>**       | Tap T1 | 1100                              | 900  | 750  | 650  | 580  | 520  |
|                       | Tap T2 | 1170                              | 1080 | 1000 | 620  | 900  | 860  |
|                       | Tap T3 | 1220                              | 1180 | 1140 | 1100 | 1070 | 1020 |
|                       | Tap T4 | 1370                              | 1333 | 1300 | 1260 | 1230 | 1180 |
|                       | Tap T5 | 1410                              | 1340 | 1450 | 1320 | 1280 | 1240 |
| 048K *                | Tap T1 | 1380                              | 1360 | 1340 | 1300 | 1260 | 1240 |
|                       | Tap T2 | 1530                              | 1480 | 1450 | 1420 | 1390 | 1350 |
|                       | Tap T3 | 1570                              | 1540 | 1500 | 1475 | 1440 | 1405 |
|                       | Tap T4 | 1740                              | 1700 | 1650 | 1630 | 1600 | 1560 |
|                       | Tap T5 | 2130                              | 2080 | 1970 | 1890 | 1850 | 1800 |
| 060K<br>*<br>**       | Tap T1 | 1380                              | 1360 | 1340 | 1300 | 1260 | 1240 |
|                       | Tap T2 | 1530                              | 1480 | 1450 | 1420 | 1390 | 1350 |
|                       | Tap T3 | 1570                              | 1540 | 1500 | 1475 | 1440 | 1405 |
|                       | Tap T4 | 1740                              | 1700 | 1650 | 1630 | 1600 | 1560 |
|                       | Tap T5 | 2130                              | 2080 | 1970 | 1890 | 1850 | 1800 |

**NOTE:** Airflow performance is with a dry coil

\* Denotes factory set cooling speed

\*\* Denotes factory set electric heating speed

† Factory set cooling and electric heating speed

| COPPER WIRE SIZE – AWG<br>(1% Voltage Drop) |     |     |    |                            |
|---------------------------------------------|-----|-----|----|----------------------------|
| Supply Wire Length-Feet                     |     |     |    | Supply Circuit<br>Ampacity |
| 200                                         | 150 | 100 | 50 |                            |
| 6                                           | 8   | 10  | 14 | 15                         |
| 4                                           | 6   | 8   | 12 | 20                         |
| 4                                           | 6   | 8   | 10 | 25                         |
| 4                                           | 4   | 6   | 10 | 30                         |
| 3                                           | 4   | 6   | 8  | 35                         |
| 3                                           | 4   | 6   | 8  | 40                         |
| 2                                           | 3   | 4   | 6  | 45                         |
| 2                                           | 3   | 4   | 6  | 50                         |

Wire Size based on N.E.C. for 60° type copper conductors.

## ACCESSORIES

### Heater Application Matrix

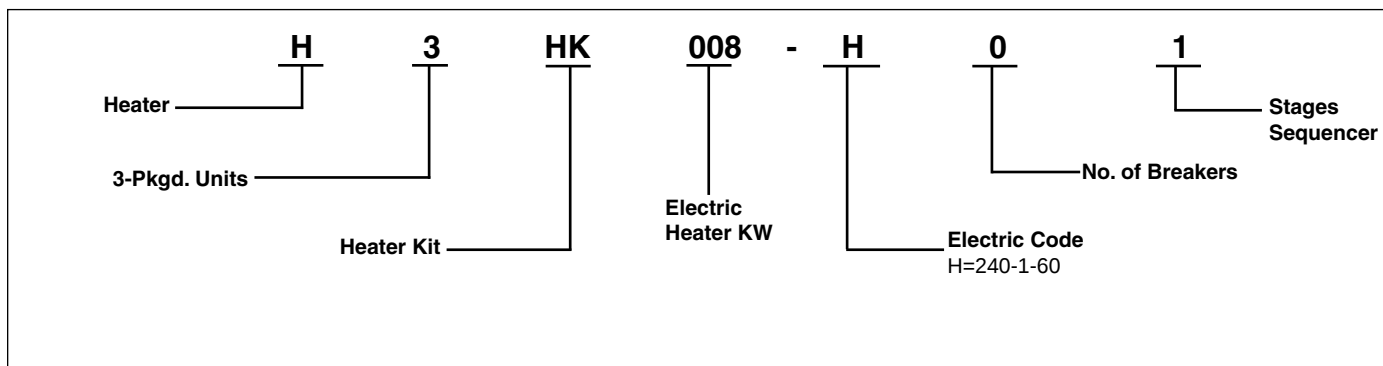
| Model Number<br>GP5RD- | H3HK-005H-01B<br>917166B | H3HK-008H-01B<br>917167B | H3HK-010H-01B<br>917168B | H3HK-015H-01B<br>917169B | H3HK-020H-01B<br>917170B | H3HK-015H-21B<br>917172B | H3HK-020H-21B<br>917173B |
|------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 024K                   | X                        | X                        | X                        | NA                       | NA                       | NA                       | NA                       |
| 030K                   | X                        | X                        | X                        | X(2)                     | NA                       | X                        | NA                       |
| 036K                   | X                        | X                        | X                        | X(2)                     | NA                       | X                        | NA                       |
| 042K                   | X                        | X                        | X                        | X(2)                     | X(2)                     | X                        | X                        |
| 048K                   | X                        | X                        | X                        | X(2)                     | X(2)                     | X                        | X                        |
| 060K                   | X                        | X                        | X                        | X(2)                     | X(2)                     | X                        | X                        |

NA = Not Approved.

( ) = Number of internal circuit breaker kits required.

X = Branch circuit protection only.

### MODEL IDENTIFICATION CODE



### Accessories

| Description                           | Part Number |
|---------------------------------------|-------------|
| 4-Pole single circuit adaptor         | 913350      |
| 6-Pole single circuit adaptor         | 913556      |
| Circuit Breaker Single Phase (2-pole) | 913554      |
| Extreme High Wind Kit - Ground Mount  | 903694      |
| Duct Collar-12"                       | 917701      |
| Duct Collar-14"                       | 917702      |

# COOLING EXPANDED RATINGS

## GP5RD-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. |
| 650   | 80     | 62     | 25.2 | 19.3 | 1.47 | 24.3 | 19.2 | 1.63 | 23.4 | 19.3 | 1.80 | 22.3 | 18.9 | 1.99 | 21.1  | 19.9 | 2.21 | 19.7  | 18.6 | 2.45 |
|       | 80     | 67     | 27.5 | 15.9 | 1.49 | 26.5 | 15.8 | 1.65 | 25.5 | 16.0 | 1.82 | 24.3 | 15.7 | 2.01 | 23.0  | 15.4 | 2.22 | 21.5  | 14.3 | 2.46 |
|       | 80     | 72     | 30.1 | 12.4 | 1.51 | 29.1 | 12.4 | 1.67 | 27.9 | 12.6 | 1.85 | 26.6 | 12.4 | 2.04 | 25.2  | 12.2 | 2.25 | 23.5  | 12.5 | 2.49 |
|       | 75     | 63     | 25.6 | 15.6 | 1.48 | 24.7 | 15.5 | 1.64 | 23.7 | 15.6 | 1.81 | 22.5 | 15.3 | 2.00 | 21.3  | 14.0 | 2.21 | 19.9  | 15.0 | 2.45 |
| 800   | 80     | 62     | 26.4 | 21.8 | 1.48 | 25.5 | 22.2 | 1.64 | 24.5 | 21.7 | 1.81 | 23.3 | 21.4 | 2.00 | 22.1  | 21.2 | 2.22 | 20.8  | 20.6 | 2.46 |
|       | 80     | 67     | 28.6 | 17.7 | 1.50 | 27.6 | 18.2 | 1.66 | 26.5 | 17.8 | 1.83 | 25.2 | 17.6 | 2.03 | 23.8  | 17.6 | 2.23 | 22.2  | 17.5 | 2.47 |
|       | 80     | 72     | 31.1 | 13.6 | 1.53 | 30.0 | 14.2 | 1.69 | 28.7 | 13.8 | 1.86 | 27.3 | 13.7 | 2.05 | 25.8  | 13.8 | 2.26 | 24.1  | 13.8 | 2.50 |
|       | 75     | 63     | 26.7 | 17.3 | 1.48 | 25.7 | 17.7 | 1.64 | 24.6 | 17.3 | 1.81 | 23.4 | 17.1 | 2.01 | 22.1  | 17.0 | 2.22 | 20.6  | 16.9 | 2.46 |
| 950   | 80     | 62     | 27.4 | 24.2 | 1.49 | 26.5 | 24.3 | 1.65 | 25.4 | 23.7 | 1.82 | 24.4 | 23.1 | 2.01 | 23.2  | 22.4 | 2.23 | 21.8  | 21.8 | 2.46 |
|       | 80     | 67     | 29.5 | 19.7 | 1.51 | 28.4 | 20.0 | 1.67 | 27.2 | 19.5 | 1.84 | 25.9 | 19.5 | 2.03 | 24.5  | 19.3 | 2.24 | 22.8  | 19.3 | 2.48 |
|       | 80     | 72     | 31.8 | 15.0 | 1.54 | 30.6 | 15.3 | 1.70 | 29.4 | 14.9 | 1.87 | 28.0 | 14.9 | 2.07 | 26.4  | 14.9 | 2.28 | 24.7  | 15.0 | 2.51 |
|       | 75     | 63     | 27.5 | 19.2 | 1.49 | 26.5 | 19.4 | 1.65 | 25.3 | 18.9 | 1.82 | 24.1 | 18.8 | 2.01 | 22.7  | 18.6 | 2.22 | 21.2  | 18.6 | 2.46 |

## GP5RD-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     | 31.3 | 25.2 | 1.88 | 30.1 | 25.0 | 2.06 | 28.9 | 25.2 | 2.26 | 27.5 | 24.7 | 2.48 | 26.0  | 25.6 | 2.73 | 24.4  | 24.0 | 3.03 |
|       | 80     | 67     | 33.9 | 20.6 | 1.90 | 32.7 | 20.5 | 2.08 | 31.3 | 20.7 | 2.28 | 29.8 | 20.3 | 2.50 | 28.1  | 20.0 | 2.75 | 26.3  | 18.8 | 3.04 |
|       | 80     | 72     | 37.1 | 15.8 | 1.92 | 35.8 | 15.8 | 2.10 | 34.2 | 16.1 | 2.30 | 32.5 | 15.8 | 2.53 | 30.7  | 15.6 | 2.77 | 28.5  | 15.9 | 3.06 |
|       | 75     | 63     | 31.6 | 20.1 | 1.88 | 30.4 | 19.9 | 2.07 | 29.1 | 20.1 | 2.26 | 27.7 | 19.7 | 2.49 | 26.2  | 18.0 | 2.74 | 24.4  | 19.4 | 3.03 |
| 1050  | 80     | 62     | 32.3 | 27.6 | 1.89 | 31.1 | 28.1 | 2.07 | 29.9 | 27.4 | 2.27 | 28.5 | 26.9 | 2.49 | 27.1  | 26.2 | 2.74 | 25.6  | 25.4 | 3.03 |
|       | 80     | 67     | 38.1 | 31.9 | 1.93 | 36.6 | 32.4 | 2.11 | 35.0 | 31.6 | 2.31 | 33.2 | 31.2 | 2.53 | 31.4  | 30.3 | 2.78 | 29.4  | 29.2 | 3.07 |
|       | 80     | 72     | 38.0 | 17.0 | 1.93 | 36.5 | 17.8 | 2.11 | 34.7 | 17.3 | 2.31 | 33.0 | 17.1 | 2.53 | 31.2  | 17.2 | 2.78 | 29.1  | 17.2 | 3.06 |
|       | 75     | 63     | 32.6 | 21.8 | 1.89 | 31.3 | 22.3 | 2.07 | 29.9 | 21.8 | 2.27 | 28.4 | 21.5 | 2.49 | 26.8  | 21.4 | 2.74 | 25.0  | 21.3 | 3.03 |
| 1200  | 80     | 62     | 33.3 | 29.9 | 1.89 | 32.1 | 29.9 | 2.07 | 30.9 | 28.8 | 2.27 | 29.6 | 28.1 | 2.50 | 28.1  | 27.2 | 2.75 | 26.5  | 26.4 | 3.04 |
|       | 80     | 67     | 35.6 | 24.5 | 1.91 | 34.3 | 24.8 | 2.09 | 32.8 | 24.3 | 2.29 | 31.1 | 24.2 | 2.51 | 29.4  | 24.0 | 2.76 | 27.4  | 24.0 | 3.05 |
|       | 80     | 72     | 38.5 | 18.5 | 1.93 | 37.0 | 18.9 | 2.11 | 35.4 | 18.4 | 2.32 | 33.7 | 18.4 | 2.54 | 31.7  | 18.3 | 2.79 | 29.6  | 18.4 | 3.07 |
|       | 75     | 63     | 33.3 | 23.7 | 1.89 | 32.0 | 24.0 | 2.08 | 30.5 | 23.4 | 2.28 | 29.0 | 23.3 | 2.50 | 27.3  | 23.0 | 2.75 | 25.5  | 23.0 | 3.04 |

## GP5RD-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. |
| 1050  | 80     | 62     | 37.5 | 29.5 | 2.31 | 36.1 | 29.3 | 2.54 | 34.6 | 29.4 | 2.79 | 32.9 | 28.8 | 3.08 | 31.1  | 30.1 | 3.42 | 29.1  | 28.1 | 3.80 |
|       | 80     | 67     | 40.5 | 24.1 | 2.34 | 39.1 | 24.0 | 2.57 | 37.4 | 24.2 | 2.83 | 35.6 | 23.6 | 3.12 | 33.6  | 23.1 | 3.45 | 31.4  | 21.6 | 3.84 |
|       | 80     | 72     | 44.2 | 18.8 | 2.38 | 42.6 | 18.7 | 2.62 | 40.6 | 19.1 | 2.88 | 38.3 | 18.7 | 3.16 | 36.1  | 18.3 | 3.49 | 33.7  | 18.6 | 3.88 |
|       | 75     | 63     | 37.7 | 23.7 | 2.32 | 36.4 | 23.4 | 2.54 | 34.8 | 23.5 | 2.80 | 33.1 | 23.0 | 3.09 | 31.2  | 21.0 | 3.42 | 29.1  | 22.6 | 3.80 |
| 1200  | 80     | 62     | 38.5 | 31.8 | 2.33 | 37.1 | 32.4 | 2.55 | 35.5 | 31.6 | 2.81 | 33.8 | 31.2 | 3.10 | 32.0  | 30.7 | 3.43 | 30.1  | 29.8 | 3.81 |
|       | 80     | 67     | 41.6 | 25.7 | 2.35 | 40.0 | 26.4 | 2.58 | 38.3 | 25.8 | 2.84 | 36.4 | 25.5 | 3.13 | 34.4  | 25.4 | 3.46 | 32.1  | 25.2 | 3.85 |
|       | 80     | 72     | 44.6 | 19.9 | 2.39 | 42.9 | 20.8 | 2.63 | 41.1 | 20.2 | 2.89 | 39.1 | 19.9 | 3.18 | 36.9  | 19.9 | 3.50 | 34.4  | 19.9 | 3.89 |
|       | 75     | 63     | 38.7 | 25.2 | 2.33 | 37.3 | 25.8 | 2.55 | 35.7 | 25.1 | 2.81 | 33.9 | 24.8 | 3.10 | 31.9  | 24.6 | 3.43 | 29.7  | 24.4 | 3.81 |
| 1350  | 80     | 62     | 39.4 | 34.3 | 2.33 | 38.0 | 34.5 | 2.56 | 36.5 | 33.5 | 2.82 | 34.7 | 33.0 | 3.11 | 33.0  | 31.9 | 3.44 | 31.1  | 30.9 | 3.83 |
|       | 80     | 67     | 42.4 | 27.7 | 2.36 | 40.8 | 28.1 | 2.60 | 39.0 | 27.4 | 2.85 | 37.1 | 27.3 | 3.14 | 35.0  | 27.0 | 3.47 | 32.6  | 26.9 | 3.86 |
|       | 80     | 72     | 45.3 | 21.4 | 2.40 | 43.6 | 21.8 | 2.63 | 41.7 | 21.2 | 2.90 | 39.7 | 21.1 | 3.19 | 37.4  | 20.9 | 3.52 | 34.9  | 21.0 | 3.90 |
|       | 75     | 63     | 39.5 | 27.1 | 2.34 | 38.0 | 27.4 | 2.56 | 36.3 | 26.7 | 2.82 | 34.5 | 26.5 | 3.11 | 32.5  | 26.1 | 3.44 | 30.2  | 26.0 | 3.82 |

## COOLING EXPANDED RATINGS (CONTINUED)

### GP5RD-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. |
| 1150  | 80     | 62     | 44.1 | 33.2 | 2.63 | 42.4 | 32.9 | 2.92 | 40.5 | 33.0 | 3.26 | 38.3 | 32.2 | 3.64 | 36.1  | 33.8 | 4.06 | 33.7  | 31.5 | 4.51 |
|       | 80     | 67     | 47.8 | 27.7 | 2.66 | 45.9 | 27.4 | 2.94 | 43.8 | 27.6 | 3.28 | 41.5 | 27.0 | 3.67 | 39.0  | 26.4 | 4.09 | 36.4  | 24.5 | 4.54 |
|       | 80     | 72     | 52.8 | 21.6 | 2.68 | 50.6 | 21.5 | 2.98 | 48.2 | 21.8 | 3.31 | 45.5 | 21.3 | 3.70 | 42.6  | 20.9 | 4.11 | 39.1  | 21.2 | 4.57 |
|       | 75     | 63     | 44.6 | 27.0 | 2.64 | 42.9 | 26.8 | 2.93 | 40.9 | 26.9 | 3.26 | 38.7 | 26.2 | 3.64 | 36.4  | 23.8 | 4.06 | 33.9  | 25.6 | 4.52 |
| 1300  | 80     | 62     | 45.3 | 35.5 | 2.65 | 43.5 | 36.1 | 2.93 | 41.5 | 35.2 | 3.27 | 39.3 | 34.6 | 3.65 | 37.0  | 34.3 | 4.07 | 34.5  | 33.7 | 4.52 |
|       | 80     | 67     | 49.0 | 29.4 | 2.66 | 47.1 | 30.2 | 2.95 | 44.9 | 29.3 | 3.29 | 42.5 | 28.9 | 3.67 | 39.9  | 28.7 | 4.09 | 37.1  | 28.5 | 4.55 |
|       | 80     | 72     | 53.8 | 22.7 | 2.69 | 51.5 | 23.8 | 2.97 | 48.8 | 23.0 | 3.32 | 45.7 | 22.7 | 3.70 | 42.9  | 22.6 | 4.12 | 39.9  | 22.5 | 4.58 |
|       | 75     | 63     | 45.8 | 28.7 | 2.65 | 43.9 | 29.4 | 2.93 | 41.9 | 28.5 | 3.27 | 39.6 | 28.0 | 3.65 | 37.2  | 27.8 | 4.07 | 34.6  | 27.4 | 4.53 |
| 1450  | 80     | 62     | 46.3 | 38.1 | 2.65 | 44.5 | 38.2 | 2.93 | 42.4 | 37.2 | 3.27 | 40.2 | 36.8 | 3.65 | 37.8  | 35.9 | 4.08 | 35.4  | 35.2 | 4.53 |
|       | 80     | 67     | 50.1 | 31.6 | 2.67 | 48.0 | 31.9 | 2.96 | 45.7 | 31.0 | 3.30 | 43.2 | 30.7 | 3.68 | 40.6  | 30.4 | 4.10 | 37.8  | 30.0 | 4.56 |
|       | 80     | 72     | 54.4 | 24.4 | 2.69 | 51.7 | 24.9 | 2.98 | 49.2 | 24.0 | 3.32 | 46.4 | 23.9 | 3.70 | 43.6  | 23.5 | 4.12 | 40.5  | 23.6 | 4.59 |
|       | 75     | 63     | 46.7 | 30.7 | 2.65 | 44.8 | 30.9 | 2.94 | 42.7 | 30.0 | 3.28 | 40.4 | 29.7 | 3.66 | 37.9  | 29.3 | 4.08 | 35.2  | 28.8 | 4.53 |

### GP5RD-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. |
| 1350  | 80     | 62     | 50.0 | 38.7 | 3.0  | 48.1 | 38.4 | 3.4  | 46.0 | 38.5 | 3.76 | 43.7 | 37.7 | 4.18 | 41.1  | 39.4 | 4.67 | 38.4  | 36.7 | 5.22 |
|       | 80     | 67     | 53.9 | 31.7 | 3.1  | 51.9 | 31.5 | 3.4  | 49.6 | 31.7 | 3.79 | 47.0 | 31.0 | 4.22 | 44.2  | 30.3 | 4.70 | 41.1  | 28.3 | 5.25 |
|       | 80     | 72     | 58.6 | 24.9 | 3.1  | 56.0 | 24.8 | 3.4  | 53.1 | 25.1 | 3.82 | 50.3 | 24.5 | 4.25 | 47.4  | 23.9 | 4.74 | 44.0  | 24.2 | 5.30 |
|       | 75     | 63     | 50.3 | 31.1 | 3.1  | 48.4 | 30.8 | 3.4  | 46.3 | 30.9 | 3.76 | 43.8 | 30.1 | 4.19 | 41.2  | 27.3 | 4.67 | 38.3  | 29.4 | 5.22 |
| 1500  | 80     | 62     | 51.1 | 41.1 | 3.1  | 49.2 | 41.9 | 3.4  | 47.0 | 40.8 | 3.77 | 44.6 | 40.2 | 4.19 | 42.1  | 39.7 | 4.68 | 39.2  | 38.9 | 5.23 |
|       | 80     | 67     | 55.0 | 33.4 | 3.1  | 52.9 | 34.3 | 3.4  | 50.5 | 33.4 | 3.80 | 47.8 | 32.9 | 4.23 | 45.0  | 32.7 | 4.71 | 41.8  | 32.4 | 5.26 |
|       | 80     | 72     | 59.0 | 26.0 | 3.1  | 56.6 | 27.1 | 3.4  | 54.0 | 26.2 | 3.83 | 51.1 | 25.8 | 4.26 | 48.0  | 25.7 | 4.75 | 44.6  | 25.5 | 5.31 |
|       | 75     | 63     | 51.4 | 32.7 | 3.1  | 49.4 | 33.5 | 3.4  | 47.1 | 32.5 | 3.77 | 44.7 | 32.0 | 4.20 | 41.9  | 31.7 | 4.68 | 38.9  | 31.3 | 5.23 |
| 1650  | 80     | 62     | 52.2 | 43.9 | 3.1  | 50.2 | 44.1 | 3.4  | 48.0 | 43.0 | 3.77 | 45.5 | 42.4 | 4.20 | 42.9  | 41.4 | 4.69 | 40.2  | 40.1 | 5.24 |
|       | 80     | 67     | 55.9 | 35.6 | 3.1  | 53.7 | 36.0 | 3.4  | 51.3 | 35.0 | 3.80 | 48.6 | 34.8 | 4.23 | 45.6  | 34.3 | 4.72 | 42.3  | 34.2 | 5.27 |
|       | 80     | 72     | 59.8 | 27.6 | 3.1  | 57.4 | 28.1 | 3.4  | 54.8 | 27.2 | 3.84 | 51.8 | 27.0 | 4.27 | 48.6  | 26.7 | 4.75 | 45.1  | 26.7 | 5.31 |
|       | 75     | 63     | 52.3 | 34.8 | 3.1  | 50.2 | 35.1 | 3.4  | 47.9 | 34.1 | 3.78 | 45.3 | 33.7 | 4.21 | 42.6  | 33.2 | 4.69 | 39.5  | 32.9 | 5.23 |

### GP5RD-060K

| 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. |
| 1450  | 80     | 62     | 57.8 | 43.7 | 3.66 | 55.5 | 43.3 | 4.05 | 53.0 | 43.4 | 4.50 | 50.2 | 42.5 | 5.01 | 47.1  | 44.7 | 5.60 | 43.6  | 41.4 | 6.28 |
|       | 80     | 67     | 62.5 | 36.0 | 3.72 | 60.1 | 35.7 | 4.11 | 57.3 | 36.0 | 4.56 | 54.2 | 35.1 | 5.07 | 50.8  | 34.3 | 5.66 | 46.9  | 31.9 | 6.34 |
|       | 80     | 72     | 68.3 | 28.2 | 3.79 | 65.6 | 28.0 | 4.18 | 62.4 | 28.5 | 4.64 | 59.0 | 27.7 | 5.15 | 55.1  | 27.1 | 5.73 | 50.5  | 27.4 | 6.40 |
|       | 75     | 63     | 58.4 | 35.3 | 3.67 | 56.1 | 35.0 | 4.06 | 53.5 | 35.1 | 4.51 | 50.7 | 34.2 | 5.02 | 47.4  | 30.8 | 5.61 | 43.8  | 33.3 | 6.29 |
| 1600  | 80     | 62     | 59.1 | 46.2 | 3.68 | 56.7 | 47.1 | 4.06 | 54.1 | 45.9 | 4.51 | 51.2 | 45.2 | 5.02 | 48.1  | 44.7 | 5.61 | 44.5  | 43.8 | 6.29 |
|       | 80     | 67     | 64.2 | 38.4 | 3.74 | 61.5 | 39.5 | 4.13 | 58.6 | 38.4 | 4.58 | 55.5 | 37.8 | 5.09 | 51.9  | 37.6 | 5.68 | 47.8  | 37.2 | 6.36 |
|       | 80     | 72     | 69.4 | 29.3 | 3.80 | 66.4 | 30.7 | 4.20 | 63.2 | 29.7 | 4.65 | 59.5 | 29.3 | 5.16 | 55.5  | 29.2 | 5.74 | 51.2  | 28.9 | 6.42 |
|       | 75     | 63     | 59.6 | 37.0 | 3.69 | 57.2 | 38.0 | 4.07 | 54.5 | 36.8 | 4.52 | 51.5 | 36.2 | 5.03 | 48.2  | 35.9 | 5.62 | 44.5  | 35.3 | 6.30 |
| 1750  | 80     | 62     | 60.2 | 49.3 | 3.69 | 57.8 | 49.5 | 4.08 | 55.1 | 48.3 | 4.53 | 52.2 | 47.8 | 5.04 | 49.0  | 46.8 | 5.63 | 45.5  | 45.3 | 6.32 |
|       | 80     | 67     | 65.5 | 41.4 | 3.75 | 62.7 | 41.9 | 4.14 | 59.8 | 40.8 | 4.60 | 56.4 | 40.5 | 5.10 | 52.8  | 39.9 | 5.69 | 48.6  | 39.7 | 6.37 |
|       | 80     | 72     | 70.2 | 31.2 | 3.81 | 67.1 | 31.9 | 4.21 | 63.7 | 30.8 | 4.66 | 60.1 | 30.7 | 5.17 | 56.2  | 30.3 | 5.75 | 51.8  | 30.2 | 6.43 |
|       | 75     | 63     | 60.6 | 39.3 | 3.70 | 58.2 | 39.7 | 4.09 | 55.4 | 38.5 | 4.53 | 52.3 | 38.1 | 5.04 | 48.9  | 37.5 | 5.64 | 45.1  | 37.1 | 6.31 |





#### GENERAL TERMS OF LIMITED WARRANTY

NORDYNE will furnish a replacement for any part of this product which fails in normal use and service 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.

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