

## TECHNICAL SPECIFICATIONS

### Q5RF Series

#### Single Packaged Heat Pump, Single Phase

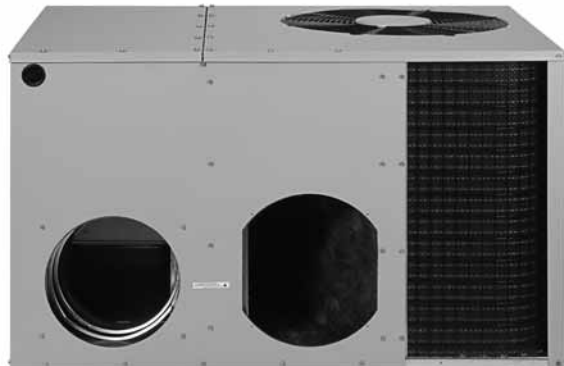
**15 SEER, 12 EER, 8.0 HSPF**

**R-410A, 2 thru 5 Ton Units**

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

**Heating: 23,000 to 56,000 Btuh**

The Q5 Series single packaged heat pumps are high efficiency self contained cooling and heating units that can be installed on a slab. Units are ETL and ETLc listed.



### WARRANTY

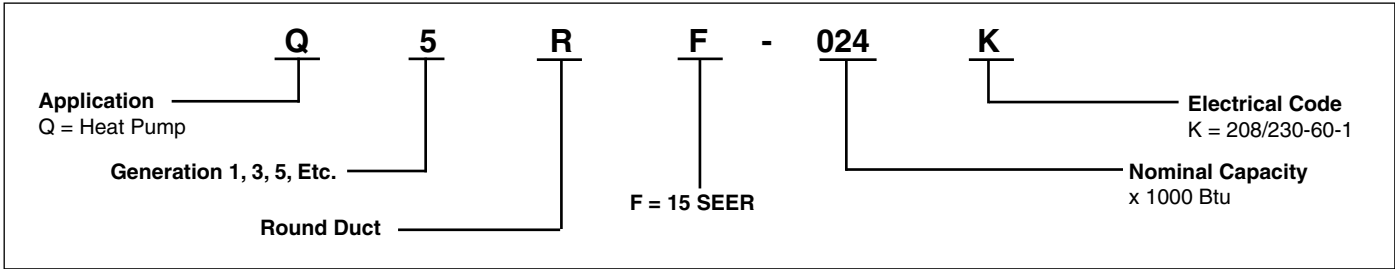
- This product offers a 10-year All-Parts Warranty.
- This product offers a 10 year Quality Pledge to replace the entire unit if the unit's compressor fails within the first 10 years of operation, to the original owner.
- Consumer product registration required for both 10 year All Parts Warranty and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

### FEATURES and BENEFITS

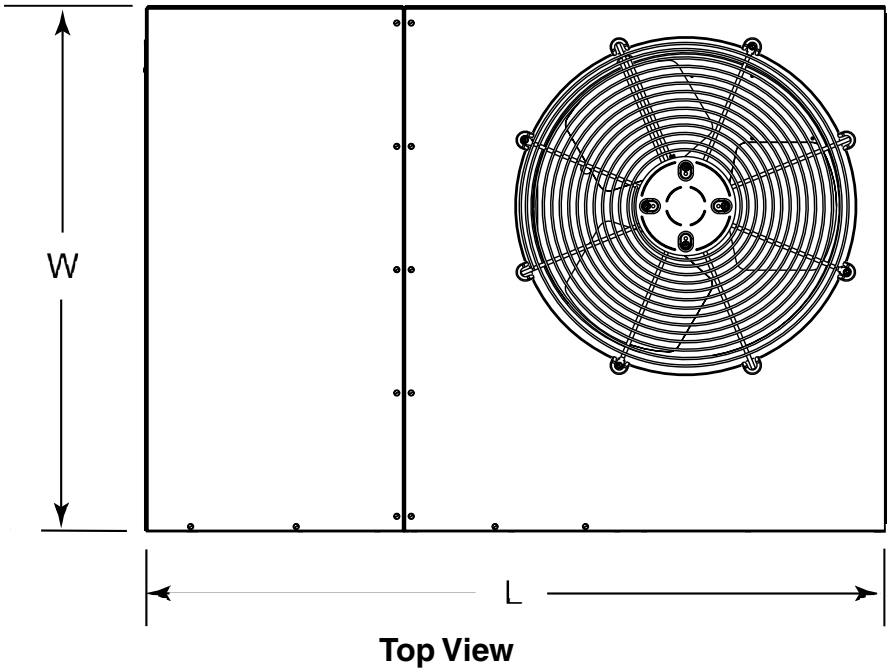
- **State-of-the-art Copeland Ultra-Tech Scroll compressor:** provides two stage heat/cool.
- **R-410A Refrigerant:** Environmentally friendly.
- **Designed using galvanized steel:** With a polyester urethane coat finish. The 950 hour salt spray finish resists corrosion 50% better than comparable units.
- **Both indoor and outdoor coils:** Are designed to optimize heat transfer, minimize size and cost, and increase durability and reliability.
- **The service valves are easily accessible:** And simplify servicing of the refrigeration system.
- **A wire guard coated with Earth Friendly Epoxy and mesh hail guard that will never rust:** Protects the coil from being damaged by balls, lawnmowers, hail, etc.
- **Designed to make servicing easier:** For the contractor, access panels are provided to all major components and the compressor.
- **0" clearance:** To combustibles on duct side of the unit allows for installations in tight areas.
- **Easy access:** To evaporator for cleaning and general maintenance.
- **Drain trap:** Design optimizes drainage capabilities.
- **Easy to install:** Electric heat strip provides up to 20 kw of heat output.
- **Compact footprint and profile:** Make the Q5 Series easy to install and transport.
- **High and low pressure switches:** Added compressor protection.
- **Suction Accumulator:** Protection from liquid flood back and future compressor failures.
- **Demand defrost standard:** Provides additional energy savings in heating by defrosting only when necessary.
- **Five minute restart time delay:** When the unit shuts down, a three minute delay keeps the unit from restarting, eliminating the highest cause for compressor failure.
- **Quiet operation and low vibration:** Swept-wing fan blade combined with custom Venturi condenser fan.
- **Compressor sound blanket is standard.**
- **Protected distributor tubes:** Both indoor and outdoor coils include very high abrasion resistance fiberglass sleeves to prevent leaks from tubing rubbing together.
- **Energy efficient:** Brushless DC (ECM) Blower Motor.



# MODEL IDENTIFICATION CODE

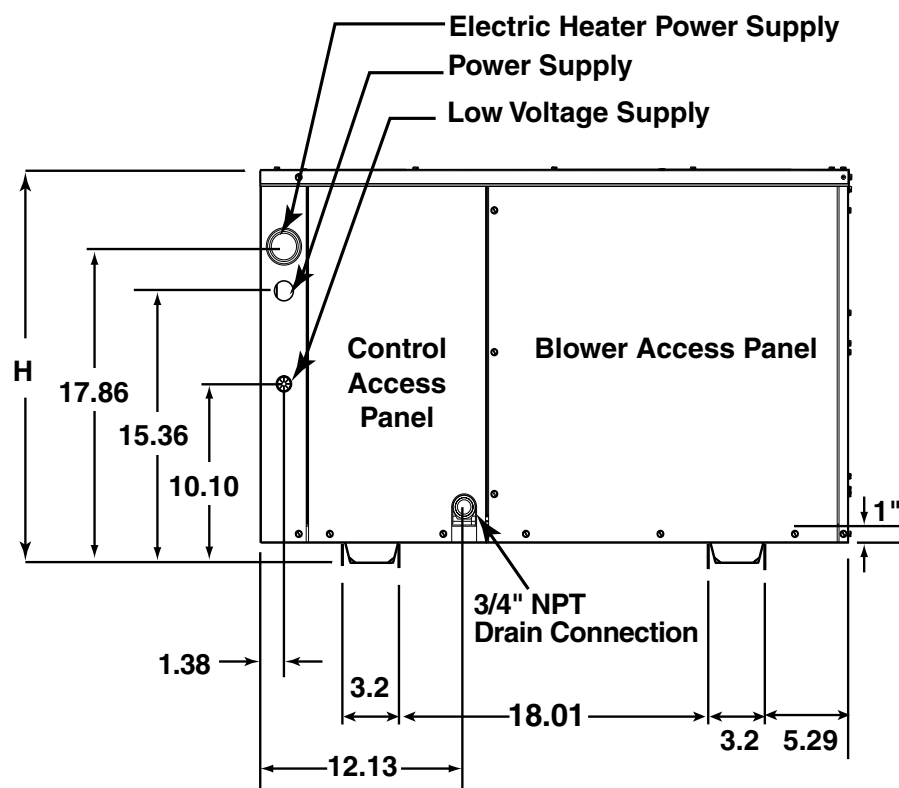


## DIMENSIONS

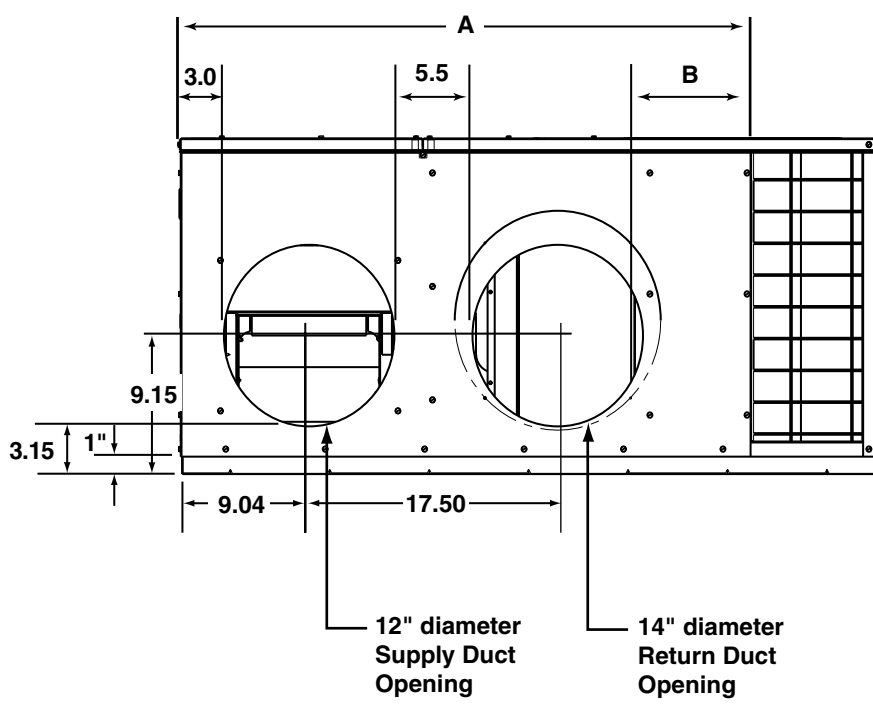


| Model Number<br>Q5RF- | (L)<br>Length | (W)<br>Width | (H)<br>Height | A     | B    |
|-----------------------|---------------|--------------|---------------|-------|------|
| X24K                  | 49            | 35           | 30.2          | 40.15 | 7.61 |
| X36K                  | 49            | 35           | 30.2          | 35.02 | 2.48 |
| X48K                  | 49            | 35           | 38.2          | 35.02 | 2.48 |
| X60K                  | 63            | 35           | 38.2          | 35.02 | 2.48 |

# DIMENSIONS Continued



Side View



Back (Duct) View

# ELECTRICAL SPECIFICATIONS

## Q5RF Models

| Model No. Q5RF-                         | X24K       | X36K       | X48K           | X60K           |
|-----------------------------------------|------------|------------|----------------|----------------|
| <b>Capacities</b>                       |            |            |                |                |
| Cooling BTU/h                           | 24,000     | 34,600     | 46,500         | 55,000         |
| SEER                                    | 15         | 15         | 15             | 15             |
| EER                                     | 12         | 12         | 12             | 12             |
| Heating BTU/h 47° F                     | 23,000     | 34,600     | 44,000         | 56,000         |
| HSPF                                    | 8.0        | 8.0        | 8.0            | 8.0            |
| Sound Rating                            | 72         | 71         | 70             | 71             |
| <b>Electric Rating — 60 Hz (a)</b>      |            |            |                |                |
| Operating Voltage Range                 | 187 - 253  | 187 - 253  | 187 - 253      | 187 - 253      |
| Min. Circuit Ampacity (a)               | 18.1       | 26.1       | 37.7           | 40.1           |
| Field Wire Size — AWG (a)               | 10         | 10         | 8              | 6              |
| Delay Fuse — Max. (b)                   | 30         | 40         | 50             | 60             |
| Total Unit — AMPS                       | 15.5       | 21.9       | 32.4           | 34.3           |
| <b>Compressor</b>                       |            |            |                |                |
| Volts                                   | 208 - 230  | 208 - 230  | 208 - 230      | 208 - 230      |
| Rated Load Amps                         | 10.2       | 16.6       | 21.1           | 23             |
| Lock Rotor Amps                         | 52         | 82         | 96             | 118            |
| <b>Condenser Motor</b>                  |            |            |                |                |
| Fan Motor — HP - RPM                    | 1/5 - 825  | 1/4 - 1100 | 1/2 - 2 speeds | 1/2 - 2 speeds |
| Fan Motor — Amps                        | 1.2        | 1.2        | 5.3            | 5.3            |
| Fan Dia. — CFM                          | 20" - 2800 | 20" - 3000 | 20" - 3600     | 24" - 4000     |
| <b>Evaporator Motor - 5 speed (ECM)</b> |            |            |                |                |
| Blower Motor — HP                       | 1/2        | 1/2        | 3/4            | 3/4            |
| Blower Motor — Amps                     | 4.1        | 4.1        | 6              | 6              |
| <b>Refrigerant (R-410A) — Oz.</b>       |            |            |                |                |
|                                         | 140        | 163        | 197            | 240            |
| <b>Shipping Weight -- Lbs.</b>          |            |            |                |                |
|                                         | 335        | 340        | 385            | 435            |

- (a) Amperage and wire size based on refrigeration system only with 60° C wire, 50 ft. length. 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.

## BLOWER PERFORMANCE - ECM

| Model Number |            | External Static Pressure Drop (in WC) |      |      |      |      |      |      |      |
|--------------|------------|---------------------------------------|------|------|------|------|------|------|------|
| Q5RF         |            | 0.1                                   | 0.2  | 0.3  | 0.4  | 0.5  | 0.6  | 0.7  | 0.8  |
| X24K         | * Tap T1   | 990                                   | 790  | 560  | 540  |      |      |      |      |
|              | ** Tap T2  | 1040                                  | 850  | 600  | 550  | 500  |      |      |      |
|              | *** Tap T3 | 1080                                  | 920  | 800  | 720  | 680  | 620  | 570  | 520  |
|              | *** Tap T4 | 1160                                  | 1100 | 1040 | 1000 | 960  | 900  | 850  | 820  |
|              | *** Tap T5 | 1330                                  | 1300 | 1250 | 1200 | 1170 | 1130 | 1080 | 1030 |
| X36K         | * Tap T1   | 1020                                  | 840  | 600  | 500  |      |      |      |      |
|              | ** Tap T2  | 1060                                  | 900  | 750  | 700  | 650  | 600  | 540  | 500  |
|              | *** Tap T3 | 1280                                  | 1240 | 1200 | 1180 | 1140 | 1100 | 1070 | 1010 |
|              | *** Tap T4 | 1480                                  | 1450 | 1420 | 1390 | 1360 | 1320 | 1290 | 1240 |
|              | *** Tap T5 | 1580                                  | 1550 | 1520 | 1480 | 1450 | 1420 | 1380 | 1350 |
| X48K         | * Tap T1   | 1150                                  | 1090 | 1030 | 1000 | 950  | 900  | 850  | 800  |
|              | ** Tap T2  | 1300                                  | 1270 | 1240 | 1200 | 1160 | 1120 | 1090 | 1050 |
|              | *** Tap T3 | 1460                                  | 1430 | 1400 | 1370 | 1340 | 1300 | 1250 | 1200 |
|              | *** Tap T4 | 1520                                  | 1480 | 1450 | 1420 | 1390 | 1360 | 1330 | 1300 |
|              | *** Tap T5 | 1740                                  | 1710 | 1680 | 1650 | 1620 | 1590 | 1540 | 1500 |
| X60K         | * Tap T1   | 1150                                  | 1100 | 1060 | 1030 | 980  | 950  | 900  | 870  |
|              | ** Tap T2  | 1250                                  | 1200 | 1170 | 1150 | 1130 | 1100 | 1060 | 1020 |
|              | *** Tap T3 | 1560                                  | 1530 | 1500 | 1470 | 1450 | 1420 | 1390 | 1360 |
|              | *** Tap T4 | 1750                                  | 1700 | 1670 | 1630 | 1600 | 1580 | 1560 | 1530 |
|              | *** Tap T5 | 1960                                  | 1930 | 1900 | 1860 | 1830 | 1800 | 1770 | 1740 |

- \* Denotes factory set low cooling & heating speed  
 \*\* Denotes factory set high cooling & heating speed  
 \*\*\* Denotes factory set 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.

# ELECTRICAL DATA

| Q5RF SERIES - 208/230V - SINGLE PHASE MODELS |                |       |                                   |     |                                         |                                    |     |                            |                                    |     |                            |                                    |     |
|----------------------------------------------|----------------|-------|-----------------------------------|-----|-----------------------------------------|------------------------------------|-----|----------------------------|------------------------------------|-----|----------------------------|------------------------------------|-----|
| MODEL<br>NUMBER<br>Q5RF                      | HEATER<br>KW   | MCA   | REC,<br>WIRE<br>GAGE<br>(90°C CU) | MOP | CIRCUIT A<br>(COMPRESSOR, BLOWER & FAN) |                                    |     | CIRCUIT B<br>(HEATER ONLY) |                                    |     | CIRCUIT C<br>(HEATER ONLY) |                                    |     |
|                                              |                |       |                                   |     | MCA                                     | REC,<br>WIRE<br>GAGE<br>(90° C CU) | MOP | MCA                        | REC,<br>WIRE<br>GAGE<br>(90° C CU) | MOP | MCA                        | REC,<br>WIRE<br>GAGE<br>(90° C CU) | MOP |
| X24K                                         | 0              | 18.1  | 12                                | 25  | -                                       | -                                  | -   | -                          | -                                  | -   | -                          | -                                  | -   |
|                                              | 5              | 43.1  | 8                                 | 45  | -                                       | -                                  | -   | -                          | -                                  | -   | -                          | -                                  | -   |
|                                              | 8              | 57.6  | 6                                 | 60  | -                                       | -                                  | -   | -                          | -                                  | -   | -                          | -                                  | -   |
|                                              | 10             | 68.1  | 6                                 | 70  | 18.1                                    | 12                                 | 25  | 50                         | 8                                  | 60  | -                          | -                                  | -   |
| X36K                                         | 0              | 26.1  | 10                                | 40  | -                                       | -                                  | -   | -                          | -                                  | -   | -                          | -                                  | -   |
|                                              | 5              | 51.1  | 8                                 | 60  | -                                       | -                                  | -   | -                          | -                                  | -   | -                          | -                                  | -   |
|                                              | 8              | 65.6  | 6                                 | 70  | 26.1                                    | 10                                 | 40  | 39.6                       | 8                                  | 40  | -                          | -                                  | -   |
|                                              | 10             | 76.1  | 4                                 | 80  | 26.1                                    | 10                                 | 40  | 50                         | 8                                  | 60  | -                          | -                                  | -   |
|                                              | 15             | 101.1 | 3                                 | 110 | 51.1                                    | 8                                  | 60  | 50                         | 8                                  | 60  | -                          | -                                  | -   |
| X48K                                         | 0              | 37.7  | 8                                 | 50  | -                                       | -                                  | -   | -                          | -                                  | -   | -                          | -                                  | -   |
|                                              | 5              | 62.7  | 6                                 | 70  | 37.7                                    | 8                                  | 50  | 25                         | 10                                 | 30  | -                          | -                                  | -   |
|                                              | 8              | 77.3  | 4                                 | 90  | 37.7                                    | 8                                  | 50  | 39.6                       | 8                                  | 40  | -                          | -                                  | -   |
|                                              | 10             | 87.7  | 4                                 | 90  | 37.7                                    | 8                                  | 50  | 50                         | 8                                  | 60  | -                          | -                                  | -   |
|                                              | 15             | 112.7 | 2                                 | 125 | 62.7                                    | 6                                  | 70  | 50                         | 8                                  | 60  | -                          | -                                  | -   |
|                                              | 20             | 137.7 | 1                                 | 150 | -                                       | -                                  | -   | -                          | -                                  | -   | -                          | -                                  | -   |
|                                              | 20 (3 circuit) | -     | -                                 | -   | 37.7                                    | 8                                  | 50  | 50                         | 8                                  | 60  | 50                         | 8                                  | 60  |
| X60K                                         | 0              | 40.1  | 8                                 | 60  | -                                       | -                                  | -   | -                          | -                                  | -   | -                          | -                                  | -   |
|                                              | 5              | 65.1  | 6                                 | 80  | 40.1                                    | 8                                  | 60  | 25                         | 10                                 | 30  | -                          | -                                  | -   |
|                                              | 8              | 79.6  | 4                                 | 90  | 40.1                                    | 8                                  | 60  | 39.6                       | 8                                  | 40  | -                          | -                                  | -   |
|                                              | 10             | 90.1  | 4                                 | 100 | 40.1                                    | 8                                  | 60  | 50                         | 8                                  | 60  | -                          | -                                  | -   |
|                                              | 15             | 115.1 | 2                                 | 125 | 65.1                                    | 6                                  | 80  | 50                         | 8                                  | 60  | -                          | -                                  | -   |
|                                              | 20             | 140.1 | 1                                 | 150 | -                                       | -                                  | -   | -                          | -                                  | -   | -                          | -                                  | -   |
|                                              | 20 (3 circuit) | -     | -                                 | -   | 40.1                                    | 8                                  | 60  | 50                         | 8                                  | 60  | 50                         | 8                                  | 60  |

**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.

# ACCESSORIES

## Heater Application Matrix

| Model Number<br>Q5RF- | 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 |
|-----------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| X24K                  | X(0)                     | X(0)                     | X(2)                     | NA                       | NA                       | NA                       | NA                       |
| X36K                  | X (0)                    | X(2)                     | X(2)                     | X(2)                     | NA                       | X(0)                     | NA                       |
| X48K                  | X (2)                    | X(2)                     | X(2)                     | X(2)                     | X(3)                     | X(0)                     | X(1)                     |
| X60K                  | X (2)                    | X(2)                     | X(2)                     | X(2)                     | X(3)                     | X(0)                     | X(1)                     |

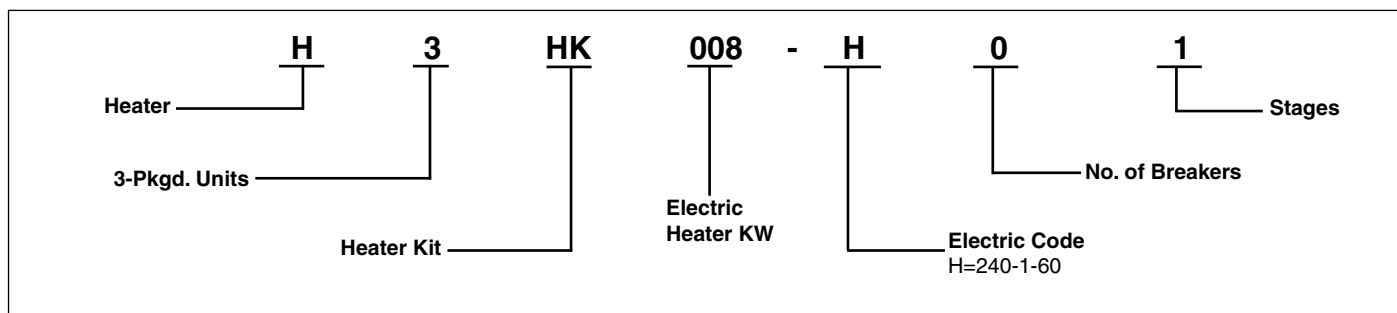
NA = Not Approved

( ) = Number of internal circuit breaker kits required.

X = Branch circuit protection only

NOTE: Blower performance heating values based on 10kw heater kit for X24k, and X36k. 15kw values used for X48k.

## MODEL IDENTIFICATION CODE



| 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  | 920908      |

# HEAT PUMP COOLING EXPANDED RATINGS

**Q5RF-X24K High Speed**

| 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. |
| 700   | 80     | 62     | 25.4 | 20.3 | 1.42 | 24.4 | 20.1 | 1.59 | 23.3 | 20.2 | 1.78 | 22.1 | 19.8 | 1.98 | 20.9  | 20.5 | 2.21 | 19.6  | 19.2 | 2.47 |
|       | 80     | 67     | 27.5 | 16.5 | 1.44 | 26.4 | 16.4 | 1.61 | 25.3 | 16.6 | 1.80 | 24.0 | 16.2 | 2.01 | 22.6  | 15.9 | 2.23 | 21.0  | 14.9 | 2.49 |
|       | 80     | 72     | 30.2 | 12.8 | 1.47 | 28.9 | 12.7 | 1.64 | 27.6 | 12.9 | 1.82 | 26.1 | 12.7 | 2.03 | 24.5  | 12.4 | 2.26 | 22.7  | 12.6 | 2.51 |
|       | 75     | 63     | 25.6 | 16.2 | 1.43 | 24.6 | 16.0 | 1.60 | 23.5 | 16.1 | 1.78 | 22.3 | 15.8 | 1.99 | 21.0  | 14.4 | 2.22 | 19.5  | 15.5 | 2.47 |
| 800   | 80     | 62     | 26.1 | 21.9 | 1.43 | 25.1 | 22.3 | 1.60 | 24.0 | 21.8 | 1.79 | 22.8 | 21.4 | 1.99 | 21.6  | 20.9 | 2.22 | 20.3  | 20.2 | 2.48 |
|       | 80     | 67     | 28.2 | 17.7 | 1.45 | 27.1 | 18.2 | 1.62 | 25.8 | 17.7 | 1.80 | 24.5 | 17.5 | 2.01 | 23.0  | 17.4 | 2.24 | 21.4  | 17.3 | 2.50 |
|       | 80     | 72     | 30.7 | 13.5 | 1.47 | 29.4 | 14.2 | 1.64 | 27.8 | 13.7 | 1.83 | 26.4 | 13.6 | 2.04 | 24.8  | 13.6 | 2.26 | 23.1  | 13.6 | 2.52 |
|       | 75     | 63     | 26.3 | 17.3 | 1.43 | 25.2 | 17.7 | 1.60 | 24.0 | 17.3 | 1.79 | 22.8 | 17.0 | 1.99 | 21.4  | 16.9 | 2.22 | 19.9  | 16.8 | 2.48 |
| 900   | 80     | 62     | 26.7 | 23.7 | 1.44 | 25.7 | 23.7 | 1.61 | 24.6 | 23.0 | 1.79 | 23.5 | 22.3 | 2.00 | 22.3  | 21.5 | 2.23 | 21.0  | 20.9 | 2.49 |
|       | 80     | 67     | 28.8 | 19.2 | 1.45 | 27.6 | 19.4 | 1.62 | 26.3 | 18.9 | 1.81 | 24.9 | 18.8 | 2.02 | 23.4  | 18.6 | 2.25 | 21.8  | 18.6 | 2.50 |
|       | 80     | 72     | 31.0 | 14.6 | 1.48 | 29.7 | 14.9 | 1.65 | 28.3 | 14.5 | 1.83 | 26.8 | 14.4 | 2.04 | 25.2  | 14.3 | 2.27 | 23.4  | 14.4 | 2.53 |
|       | 75     | 63     | 26.8 | 18.7 | 1.44 | 25.7 | 18.8 | 1.61 | 24.5 | 18.3 | 1.79 | 23.2 | 18.2 | 2.00 | 21.8  | 18.0 | 2.23 | 20.3  | 17.9 | 2.48 |

**Q5RF-X36K High Speed**

| 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     | 36.4 | 29.5 | 2.13 | 35.0 | 29.2 | 2.36 | 33.5 | 29.3 | 2.60 | 31.8 | 28.8 | 2.87 | 30.1  | 29.6 | 3.17 | 28.3  | 27.8 | 3.51 |
|       | 80     | 67     | 39.2 | 24.0 | 2.16 | 37.7 | 23.9 | 2.39 | 36.0 | 24.1 | 2.63 | 34.2 | 23.6 | 2.90 | 32.3  | 23.2 | 3.21 | 30.1  | 22.0 | 3.55 |
|       | 80     | 72     | 42.9 | 18.5 | 2.21 | 41.1 | 18.4 | 2.43 | 39.2 | 18.7 | 2.68 | 37.0 | 18.3 | 2.94 | 34.6  | 18.0 | 3.24 | 32.3  | 18.3 | 3.59 |
|       | 75     | 63     | 36.6 | 23.4 | 2.14 | 35.2 | 23.2 | 2.36 | 33.7 | 23.4 | 2.61 | 32.0 | 22.9 | 2.87 | 30.1  | 21.0 | 3.18 | 28.1  | 22.5 | 3.51 |
| 1200  | 80     | 62     | 37.4 | 31.8 | 2.14 | 35.9 | 32.3 | 2.37 | 34.4 | 31.5 | 2.62 | 32.7 | 30.9 | 2.88 | 31.1  | 30.1 | 3.19 | 29.3  | 29.1 | 3.53 |
|       | 80     | 67     | 40.1 | 25.8 | 2.17 | 38.5 | 26.5 | 2.40 | 36.8 | 25.8 | 2.64 | 34.9 | 25.5 | 2.91 | 32.9  | 25.5 | 3.22 | 30.7  | 25.3 | 3.56 |
|       | 80     | 72     | 43.4 | 19.6 | 2.21 | 41.4 | 20.5 | 2.44 | 39.5 | 19.8 | 2.68 | 37.5 | 19.6 | 2.95 | 35.3  | 19.6 | 3.25 | 32.9  | 19.6 | 3.60 |
|       | 75     | 63     | 37.5 | 25.1 | 2.14 | 36.0 | 25.7 | 2.37 | 34.4 | 25.0 | 2.62 | 32.6 | 24.7 | 2.88 | 30.7  | 24.6 | 3.18 | 28.7  | 24.4 | 3.52 |
| 1350  | 80     | 62     | 38.3 | 34.2 | 2.14 | 36.8 | 34.3 | 2.38 | 35.3 | 32.9 | 2.63 | 33.8 | 32.1 | 2.90 | 32.1  | 31.0 | 3.20 | 30.2  | 30.0 | 3.55 |
|       | 80     | 67     | 40.8 | 27.9 | 2.18 | 39.2 | 28.2 | 2.41 | 37.4 | 27.5 | 2.65 | 35.5 | 27.4 | 2.92 | 33.4  | 27.1 | 3.22 | 31.1  | 27.1 | 3.56 |
|       | 80     | 72     | 43.8 | 21.1 | 2.22 | 42.0 | 21.5 | 2.44 | 40.1 | 20.9 | 2.69 | 38.0 | 20.8 | 2.96 | 35.7  | 20.7 | 3.26 | 33.3  | 20.7 | 3.60 |
|       | 75     | 63     | 38.2 | 27.1 | 2.15 | 36.7 | 27.3 | 2.38 | 35.0 | 26.6 | 2.62 | 33.2 | 26.4 | 2.89 | 31.2  | 26.1 | 3.19 | 29.1  | 26.0 | 3.53 |

**Q5RF-X48K High Speed**

| O.D.T |        |        | 65°F |      |      | 75°F |      |      | 85°F |      |      | 95°F |      |      | 105°F |      |      | 115°F |      |      |
|-------|--------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|-------|------|------|
| CFM   | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C.  | S.C. | K.W. | T.C.  | S.C. | K.W. |
| 1250  | 80     | 62     | 47.5 | 37.1 | 2.91 | 45.8 | 36.8 | 3.18 | 43.9 | 37.0 | 3.48 | 41.7 | 36.3 | 3.80 | 39.4  | 38.2 | 4.16 | 36.9  | 35.7 | 4.55 |
|       | 80     | 67     | 51.6 | 30.5 | 2.97 | 49.8 | 30.3 | 3.23 | 47.6 | 30.6 | 3.53 | 45.3 | 30.0 | 3.85 | 42.7  | 29.4 | 4.21 | 39.9  | 27.4 | 4.61 |
|       | 80     | 72     | 56.8 | 23.7 | 3.02 | 54.7 | 23.7 | 3.30 | 52.3 | 24.1 | 3.59 | 49.6 | 23.6 | 3.91 | 46.6  | 23.2 | 4.27 | 43.1  | 23.6 | 4.67 |
|       | 75     | 63     | 48.0 | 29.7 | 2.92 | 46.3 | 29.5 | 3.19 | 44.3 | 29.7 | 3.49 | 42.1 | 29.0 | 3.81 | 39.7  | 26.5 | 4.17 | 37.0  | 28.5 | 4.56 |
| 1450  | 80     | 62     | 49.1 | 40.6 | 2.93 | 47.3 | 41.4 | 3.20 | 45.3 | 40.4 | 3.50 | 43.1 | 39.9 | 3.82 | 40.8  | 39.4 | 4.18 | 38.4  | 38.1 | 4.58 |
|       | 80     | 67     | 53.2 | 33.0 | 2.98 | 51.2 | 33.9 | 3.25 | 49.0 | 33.1 | 3.55 | 46.5 | 32.7 | 3.87 | 43.8  | 32.6 | 4.23 | 40.8  | 32.4 | 4.63 |
|       | 80     | 72     | 58.1 | 25.4 | 3.04 | 55.8 | 26.6 | 3.31 | 53.1 | 25.8 | 3.60 | 50.2 | 25.5 | 3.92 | 47.3  | 25.5 | 4.28 | 44.1  | 25.5 | 4.69 |
|       | 75     | 63     | 49.5 | 32.0 | 2.94 | 47.6 | 32.9 | 3.21 | 45.6 | 32.0 | 3.50 | 43.3 | 31.6 | 3.82 | 40.7  | 31.4 | 4.18 | 38.0  | 31.1 | 4.58 |
| 1650  | 80     | 62     | 50.5 | 44.3 | 2.95 | 48.7 | 44.5 | 3.22 | 46.7 | 43.3 | 3.52 | 44.6 | 42.3 | 3.84 | 42.4  | 40.9 | 4.20 | 39.9  | 39.7 | 4.61 |
|       | 80     | 67     | 54.4 | 35.9 | 3.00 | 52.4 | 36.4 | 3.27 | 50.0 | 35.5 | 3.56 | 47.5 | 35.4 | 3.88 | 44.7  | 35.0 | 4.24 | 41.6  | 35.0 | 4.64 |
|       | 80     | 72     | 58.6 | 27.5 | 3.04 | 56.4 | 28.1 | 3.32 | 53.9 | 27.3 | 3.62 | 51.1 | 27.2 | 3.94 | 48.1  | 27.0 | 4.30 | 44.8  | 27.1 | 4.70 |
|       | 75     | 63     | 50.7 | 34.8 | 2.95 | 48.7 | 35.1 | 3.22 | 46.6 | 34.3 | 3.52 | 44.2 | 34.0 | 3.84 | 41.6  | 33.6 | 4.19 | 38.7  | 33.5 | 4.59 |

**Q5RF-X60K High Speed**

| 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     | 57.9 | 48.0 | 3.55 | 55.8 | 47.5 | 3.84 | 53.4 | 47.4 | 4.19 | 50.8 | 46.1 | 4.59 | 47.9  | 45.1 | 5.05 | 44.3  | 43.1 | 5.62 |
|       | 80     | 67     | 62.5 | 40.6 | 3.61 | 60.3 | 39.6 | 3.90 | 57.7 | 38.5 | 4.26 | 54.9 | 37.2 | 4.65 | 51.7  | 35.9 | 5.11 | 47.6  | 34.1 | 5.68 |
|       | 80     | 72     | 69.2 | 32.7 | 3.70 | 66.7 | 31.8 | 3.99 | 63.7 | 30.8 | 4.33 | 60.5 | 29.7 | 4.73 | 56.8  | 28.5 | 5.20 | 51.8  | 26.9 | 5.76 |
|       | 75     | 63     | 58.4 | 39.4 | 3.56 | 56.2 | 38.5 | 3.85 | 53.9 | 37.3 | 4.20 | 51.2 | 36.0 | 4.60 | 48.2  | 34.7 | 5.06 | 44.4  | 33.0 | 5.63 |
| 1650  | 80     | 62     | 59.1 | 50.6 | 3.56 | 57.0 | 50.7 | 3.86 | 54.5 | 50.0 | 4.20 | 51.8 | 49.1 | 4.60 | 48.9  | 47.5 | 5.07 | 45.2  | 45.2 | 5.64 |
|       | 80     | 67     | 63.9 | 42.4 | 3.63 | 61.5 | 41.4 | 3.92 | 58.8 | 40.2 | 4.26 | 55.6 | 39.0 | 4.66 | 52.6  | 37.7 | 5.12 | 48.3  | 35.9 | 5.69 |
|       | 80     | 72     | 70.3 | 34.0 | 3.71 | 67.7 | 33.1 | 4.01 | 64.6 | 32.1 | 4.35 | 61.1 | 30.9 | 4.74 | 57.0  | 29.7 | 5.20 | 51.8  | 27.9 | 5.76 |
|       | 75     | 63     | 59.6 | 41.1 | 3.58 | 57.4 | 40.1 | 3.87 | 54.9 | 39.0 | 4.21 | 52.1 | 37.7 | 4.61 | 49.0  | 36.4 | 5.08 | 45.1  | 34.6 | 5.64 |
| 1800  | 80     | 62     | 60.2 | 53.7 | 3.58 | 58.0 | 53.2 | 3.87 | 55.5 | 53.0 | 4.22 | 52.8 | 51.5 | 4.62 | 49.9  | 49.6 | 5.08 | 46.3  | 46.3 | 5.66 |
|       | 80     | 67     | 64.9 | 44.2 | 3.65 | 62.5 | 43.2 | 3.93 | 59.7 | 42.0 | 4.27 | 56.7 | 40.8 | 4.67 | 53.4  | 39.4 | 5.14 | 49.0  | 37.6 | 5.71 |
|       | 80     | 72     | 71.0 | 35.3 | 3.72 | 68.3 | 34.3 | 4.02 | 65.0 | 33.3 | 4.35 | 60.9 | 32.0 | 4.74 | 57.2  | 30.7 | 5.20 | 52.4  | 28.9 | 5.77 |
|       | 75     | 63     | 60.6 | 42.9 | 3.59 | 58.3 | 41.8 | 3.88 | 55.7 | 40.7 | 4.22 | 52.9 | 39.4 | 4.62 | 49.8  | 38.0 | 5.09 | 45.7  | 36.2 | 5.65 |

# HEAT PUMP HEATING EXPANDED RATINGS

## Q5RF-X24K High Speed

|     |                    | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----|--------------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CFM | Indoor T.<br>Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|     |                    | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 700 | 60                 | 9.7                          | 1.89 | 1.52 | 12.5 | 2.36 | 1.56 | 13.7 | 2.56 | 1.58 | 17.7 | 3.18 | 1.64 | 21.7 | 3.76 | 1.70 | 24.5 | 4.14 | 1.74 | 25.7 | 4.30 | 1.76 | 29.7 | 4.80 | 1.82 |
|     | 70                 | 9.2                          | 1.85 | 1.46 | 11.8 | 2.28 | 1.52 | 13.0 | 2.45 | 1.55 | 16.7 | 3.00 | 1.63 | 20.5 | 3.49 | 1.72 | 23.1 | 3.80 | 1.78 | 24.2 | 3.93 | 1.81 | 28.0 | 4.34 | 1.89 |
|     | 80                 | 8.6                          | 1.76 | 1.43 | 11.1 | 2.16 | 1.50 | 12.1 | 2.32 | 1.53 | 15.6 | 2.82 | 1.63 | 19.2 | 3.25 | 1.73 | 21.6 | 3.53 | 1.80 | 22.7 | 3.64 | 1.82 | 26.2 | 3.99 | 1.92 |
| 800 | 60                 | 9.8                          | 1.84 | 1.56 | 12.6 | 2.32 | 1.60 | 13.9 | 2.52 | 1.62 | 17.9 | 3.14 | 1.67 | 22.0 | 3.72 | 1.73 | 24.8 | 4.11 | 1.77 | 26.1 | 4.27 | 1.79 | 30.1 | 4.78 | 1.85 |
|     | 70                 | 9.3                          | 1.81 | 1.51 | 12.0 | 2.24 | 1.57 | 13.1 | 2.41 | 1.59 | 16.9 | 2.96 | 1.68 | 20.7 | 3.45 | 1.76 | 23.4 | 3.78 | 1.82 | 24.5 | 3.91 | 1.84 | 28.3 | 4.32 | 1.92 |
|     | 80                 | 8.7                          | 1.74 | 1.47 | 11.2 | 2.14 | 1.54 | 12.3 | 2.30 | 1.57 | 15.9 | 2.79 | 1.67 | 19.5 | 3.22 | 1.77 | 22.0 | 3.50 | 1.84 | 23.0 | 3.61 | 1.87 | 26.6 | 3.96 | 1.97 |
| 900 | 60                 | 10.0                         | 1.82 | 1.60 | 12.8 | 2.29 | 1.64 | 14.0 | 2.49 | 1.66 | 18.1 | 3.11 | 1.71 | 22.2 | 3.70 | 1.76 | 25.1 | 4.09 | 1.80 | 26.3 | 4.25 | 1.81 | 30.4 | 4.77 | 1.87 |
|     | 70                 | 9.4                          | 1.78 | 1.55 | 12.1 | 2.21 | 1.61 | 13.3 | 2.39 | 1.63 | 17.1 | 2.94 | 1.71 | 21.0 | 3.43 | 1.79 | 23.7 | 3.76 | 1.85 | 24.8 | 3.89 | 1.87 | 28.7 | 4.31 | 1.95 |
|     | 80                 | 8.9                          | 1.72 | 1.51 | 11.4 | 2.11 | 1.58 | 12.5 | 2.27 | 1.61 | 16.1 | 2.75 | 1.71 | 19.6 | 3.18 | 1.81 | 22.2 | 3.45 | 1.88 | 23.2 | 3.56 | 1.91 | 26.8 | 3.91 | 2.01 |

## Q5RF-X36K High Speed

|      |                    | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|--------------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CFM  | Indoor T.<br>Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|      |                    | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 1050 | 60                 | 15.4                         | 2.21 | 2.04 | 19.3 | 2.62 | 2.16 | 21.0 | 2.79 | 2.20 | 26.5 | 3.29 | 2.37 | 32.1 | 3.73 | 2.53 | 36.1 | 4.00 | 2.64 | 37.7 | 4.11 | 2.69 | 43.3 | 4.45 | 2.85 |
|      | 70                 | 14.7                         | 2.08 | 2.07 | 18.5 | 2.46 | 2.21 | 20.1 | 2.60 | 2.26 | 25.5 | 3.05 | 2.45 | 30.8 | 3.43 | 2.64 | 34.6 | 3.66 | 2.77 | 36.2 | 3.76 | 2.83 | 41.6 | 4.05 | 3.01 |
|      | 80                 | 14.1                         | 1.95 | 2.13 | 17.7 | 2.29 | 2.27 | 19.3 | 2.42 | 2.33 | 24.4 | 2.82 | 2.54 | 29.6 | 3.16 | 2.75 | 33.2 | 3.37 | 2.89 | 34.7 | 3.45 | 2.95 | 39.9 | 3.70 | 3.16 |
| 1200 | 60                 | 15.5                         | 2.17 | 2.10 | 19.5 | 2.59 | 2.21 | 21.2 | 2.76 | 2.25 | 26.9 | 3.27 | 2.41 | 32.5 | 3.72 | 2.56 | 36.5 | 4.01 | 2.67 | 38.2 | 4.12 | 2.72 | 43.9 | 4.48 | 2.88 |
|      | 70                 | 14.9                         | 2.05 | 2.13 | 18.7 | 2.43 | 2.26 | 20.4 | 2.58 | 2.31 | 25.8 | 3.03 | 2.49 | 31.2 | 3.43 | 2.67 | 35.1 | 3.67 | 2.80 | 36.7 | 3.77 | 2.85 | 42.1 | 4.08 | 3.03 |
|      | 80                 | 14.3                         | 1.92 | 2.18 | 18.0 | 2.27 | 2.32 | 19.5 | 2.40 | 2.38 | 24.8 | 2.81 | 2.58 | 30.0 | 3.16 | 2.79 | 33.7 | 3.38 | 2.93 | 35.3 | 3.46 | 2.99 | 40.5 | 3.73 | 3.19 |
| 1350 | 60                 | 15.6                         | 2.13 | 2.15 | 19.7 | 2.56 | 2.25 | 21.4 | 2.73 | 2.30 | 27.1 | 3.25 | 2.45 | 32.9 | 3.71 | 2.60 | 36.9 | 4.00 | 2.71 | 38.7 | 4.12 | 2.75 | 44.4 | 4.49 | 2.90 |
|      | 70                 | 15.1                         | 2.03 | 2.18 | 19.0 | 2.41 | 2.31 | 20.6 | 2.56 | 2.36 | 26.1 | 3.02 | 2.53 | 31.6 | 3.43 | 2.71 | 35.5 | 3.68 | 2.83 | 37.2 | 3.78 | 2.88 | 42.7 | 4.09 | 3.06 |
|      | 80                 | 14.5                         | 1.90 | 2.24 | 18.2 | 2.25 | 2.37 | 19.8 | 2.39 | 2.43 | 25.1 | 2.80 | 2.63 | 30.3 | 3.15 | 2.82 | 34.0 | 3.37 | 2.96 | 35.6 | 3.46 | 3.02 | 40.9 | 3.74 | 3.21 |

## Q5RF-X48K High Speed

|      |                    | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|--------------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CFM  | Indoor T.<br>Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|      |                    | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 1250 | 60                 | 23.4                         | 2.44 | 2.81 | 27.5 | 2.78 | 2.90 | 29.3 | 2.92 | 2.94 | 35.2 | 3.36 | 3.07 | 41.1 | 3.76 | 3.21 | 45.2 | 4.02 | 3.30 | 47.0 | 4.13 | 3.34 | 52.9 | 4.47 | 3.47 |
|      | 70                 | 22.6                         | 2.24 | 2.95 | 26.6 | 2.55 | 3.05 | 28.3 | 2.68 | 3.10 | 34.0 | 3.08 | 3.24 | 39.8 | 3.45 | 3.38 | 43.8 | 3.68 | 3.48 | 45.5 | 3.78 | 3.53 | 51.2 | 4.09 | 3.67 |
|      | 80                 | 22.1                         | 2.07 | 3.12 | 25.9 | 2.35 | 3.23 | 27.6 | 2.47 | 3.27 | 33.1 | 2.83 | 3.43 | 38.6 | 3.16 | 3.58 | 42.4 | 3.37 | 3.68 | 44.1 | 3.46 | 3.73 | 49.6 | 3.74 | 3.88 |
| 1450 | 60                 | 23.6                         | 2.42 | 2.86 | 27.8 | 2.77 | 2.95 | 29.6 | 2.91 | 2.98 | 35.6 | 3.37 | 3.11 | 41.7 | 3.78 | 3.23 | 45.9 | 4.06 | 3.32 | 47.7 | 4.17 | 3.35 | 53.7 | 4.53 | 3.48 |
|      | 70                 | 22.9                         | 2.23 | 3.01 | 27.0 | 2.55 | 3.10 | 28.7 | 2.68 | 3.14 | 34.5 | 3.09 | 3.27 | 40.3 | 3.47 | 3.41 | 44.4 | 3.72 | 3.50 | 46.1 | 3.82 | 3.54 | 52.0 | 4.15 | 3.67 |
|      | 80                 | 22.3                         | 2.05 | 3.18 | 26.2 | 2.34 | 3.28 | 27.9 | 2.46 | 3.32 | 33.5 | 2.84 | 3.46 | 39.1 | 3.19 | 3.60 | 43.1 | 3.41 | 3.70 | 44.7 | 3.51 | 3.74 | 50.4 | 3.80 | 3.88 |
| 1650 | 60                 | 23.7                         | 2.39 | 2.91 | 28.0 | 2.75 | 2.99 | 29.9 | 2.89 | 3.03 | 36.0 | 3.36 | 3.15 | 42.2 | 3.79 | 3.27 | 46.5 | 4.07 | 3.35 | 48.3 | 4.18 | 3.38 | 54.4 | 4.56 | 3.50 |
|      | 70                 | 23.2                         | 2.22 | 3.06 | 27.3 | 2.54 | 3.15 | 29.1 | 2.68 | 3.19 | 35.0 | 3.10 | 3.31 | 40.9 | 3.49 | 3.44 | 45.0 | 3.74 | 3.53 | 46.8 | 3.85 | 3.56 | 52.7 | 4.19 | 3.69 |
|      | 80                 | 22.6                         | 2.05 | 3.23 | 26.5 | 2.34 | 3.33 | 28.2 | 2.46 | 3.37 | 33.9 | 2.85 | 3.50 | 39.6 | 3.20 | 3.63 | 43.6 | 3.44 | 3.72 | 45.3 | 3.53 | 3.76 | 51.0 | 3.84 | 3.89 |

## Q5RF-X60K High Speed

|      |                    | OUTDOOR TEMPERATURE (Deg. F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|--------------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CFM  | Indoor T.<br>Deg.F | 10                           |      |      | 17   |      |      | 20   |      |      | 30   |      |      | 40   |      |      | 47   |      |      | 50   |      |      | 60   |      |      |
|      |                    | MBH                          | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   | MBH  | COP  | kW   |
| 1450 | 60                 | 26.2                         | 2.32 | 3.31 | 32.1 | 2.69 | 3.50 | 34.6 | 2.84 | 3.58 | 43.0 | 3.28 | 3.84 | 51.4 | 3.67 | 4.11 | 57.3 | 3.91 | 4.29 | 59.8 | 4.01 | 4.37 | 68.2 | 4.31 | 4.64 |
|      | 70                 | 25.3                         | 2.10 | 3.54 | 31.1 | 2.44 | 3.73 | 33.6 | 2.58 | 3.82 | 41.8 | 2.99 | 4.10 | 50.1 | 3.36 | 4.37 | 55.9 | 3.58 | 4.57 | 58.3 | 3.68 | 4.65 | 66.6 | 3.96 | 4.93 |
|      | 80                 | 24.8                         | 1.92 | 3.79 | 30.4 | 2.23 | 4.00 | 32.9 | 2.36 | 4.09 | 40.9 | 2.74 | 4.38 | 48.9 | 3.07 | 4.68 | 54.6 | 3.27 | 4.89 | 57.0 | 3.36 | 4.98 | 65.0 | 3.61 | 5.28 |
| 1650 | 60                 | 26.5                         | 2.32 | 3.35 | 32.4 | 2.70 | 3.53 | 35.0 | 2.85 | 3.60 | 43.5 | 3.31 | 3.85 | 52.0 | 3.72 | 4.11 | 58.0 | 3.97 | 4.28 | 60.6 | 4.08 | 4.36 | 69.1 | 4.40 | 4.61 |
|      | 70                 | 25.7                         | 2.11 | 3.58 | 31.5 | 2.46 | 3.76 | 34.0 | 2.60 | 3.84 | 42.3 | 3.03 | 4.10 | 50.7 | 3.40 | 4.37 | 56.5 | 3.64 | 4.55 | 59.0 | 3.74 | 4.63 | 67.3 | 4.04 | 4.89 |
|      | 80                 | 25.0                         | 1.92 | 3.83 | 30.8 | 2.24 | 4.03 | 33.2 | 2.37 | 4.11 | 41.3 | 2.76 | 4.39 | 49.5 | 3.11 | 4.66 | 55.2 | 3.33 | 4.86 | 57.6 | 3.42 | 4.94 | 65.8 | 3.70 | 5.22 |
| 1850 | 60                 | 26.5                         | 2.30 | 3.39 | 32.6 | 2.68 | 3.56 | 35.2 | 2.84 | 3.63 | 43.9 | 3.32 | 3.88 | 52.5 | 3.73 | 4.13 | 58.6 | 4.00 | 4.30 | 61.2 | 4.11 | 4.37 | 69.9 | 4.44 | 4.62 |
|      | 70                 | 26.0                         | 2.10 | 3.62 | 31.9 | 2.46 | 3.80 | 34.4 | 2.60 | 3.87 | 42.8 | 3.04 | 4.13 | 51.2 | 3.43 | 4.38 | 57.1 | 3.68 | 4.55 | 59.6 | 3.78 | 4.63 | 68.0 | 4.09 | 4.88 |
|      | 80                 | 25.3                         | 1.92 | 3.88 | 31.1 | 2.25 | 4.06 | 33.6 | 2.38 | 4.14 | 41.8 | 2.78 | 4.40 | 50.0 | 3.15 | 4.66 | 55.8 | 3.38 | 4.84 | 58.2 | 3.47 | 4.92 | 66.4 | 3.76 | 5.18 |



### 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.

**NORDYNE**  
COMPLETE COMFORT. GENUINE VALUE.

8000 Phoenix Parkway | O'Fallon MO 63368-3827

Specifications and illustrations subject to change without notice and without incurring obligations. Printed in U.S.A (02/2012)

351D-0212 (Replaces 351D-0