

**CR38K6E-TF5**

HFC, R-407C, 60 Hz, 3 - Phase, 200/230 V [. Also Available with Variable Frequency Drives](#)

**Air Conditioning**

**Production Status:** Available for sale to all U.S. customers. Please check with your local Copeland Representative for international availability.

| Performance                |            |         | Mechanical  |            |  |
|----------------------------|------------|---------|---|------------|--|
| Evaporator Temp. (°F)      | 45.00      | 45      | Displacement (in <sup>3</sup> /Rev):  | 4.06       |  |
| Condensing Temp. (°F)      | 130.00     | 100     | Displacement (ft <sup>3</sup> /Hr):   |            |  |
| Return Gas Temp. (°F)      | 65.00      | 65      | Overall Length (in):  | 10.23      |  |
| Liquid Temp. (°F)          | 115.00     | 85      | Overall Width (in):   | 9.65       |  |
| Capacity (BTU/hr)          | 35000      | 47400   | Overall Height (in):  | 14.31      |  |
| Power (W):                 | 3300       | 2680    | Mounting Length (in):   | 7.50       |  |
| Current (Amps):            | 10.05      | 8.7     | Mounting Width (in):  | 7.50       |  |
| EER(BTU/Wh):               | 10.6       | 17.7    | Mounting Height (in):   | 14.69      |  |
| Mass Flow (lbs/hr):        | 509        | 589     | Suction Size (in),Type:   | 3 / 4 Stub |  |
| Sound Data @               |            |         | Discharge Size (in),Type:   | 1 / 2 Stub |  |
| Sound Power (dBA):         | 76 Avg     | 81 Max  | Initial Oil Charge (oz):  | 45         |  |
| Vibration mils(peak-peak): | 3.6 Avg    | 4.6 Max | Oil Recharge (oz):  | 43         |  |
| Record Date:               | 2010-09-01 |         | Oil Type:   | POE        |  |
|                            |            |         | Net Weight (lbs):   | 67.0       |  |
|                            |            |         | Internal Free Volume (in <sup>3</sup> ):  |            |  |
|                            |            |         | Horse Power:  |            |  |
|                            |            |         | *Overall compressor height on Copeland Brand Product's specified mounting grommets. |            |  |

| Electrical  |            | Capacitors                 |         |         |          |                        |
|---|------------|----------------------------|---------|---------|----------|------------------------|
| LRA High* (Amps):   | 85.0       | Type                       | Part No | Low MFD | High MFD | Volts User Description |
| LRA Low*(Amps):   |            | No data available in table |         |         |          |                        |
| LRA Half Winding (Amps):                                    |            |                            |         |         |          |                        |
| MCC (Amps):   | 16.7       |                            |         |         |          |                        |
| Max Operating Current (Amps):                               |            |                            |         |         |          |                        |
| RLA, MCC/1.4(use for contactor selection)(Amps):            | 11.9       |                            |         |         |          |                        |
| RLA, MCC/1.56(use for breaker & wire size selection)(Amps): | 10.7       |                            |         |         |          |                        |
| RPM:  | 3500       |                            |         |         |          |                        |
| Box IP :  |            |                            |         |         |          |                        |
| UL File No:   |            |                            |         |         |          |                        |
| UL File Date:   | 1984-12-28 |                            |         |         |          |                        |

\*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

**Alternate Applications**

| <b>Refrigerant</b> | <b>Voltage</b> | <b>Phase</b> | <b>Frequency</b> | <b>Application</b> |
|--------------------|----------------|--------------|------------------|--------------------|
| R-22 HCFC          | 200/220        | 3            | 50               | Air Conditioning   |
| R-22 HCFC          | 200/230        | 3            | 60               | Air Conditioning   |
| R-407C HFC         | 200/220        | 3            | 50               | Air Conditioning   |