

CR24K6E-TFD

HFC, R-407C, 50 Hz, 3 - Phase, 380/420 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 ³ /Rev): | 2.70 | |
| Condensing Temp. (°F) | 130.00 | 100 | Displacement (ft ³ /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) | 18600 | 24800 | Overall Height (in): | 13.44 | |
| Power (W): | 1750 | 1350 | Mounting Length (in): | 7.50 | |
| Current (Amps): | 3.8 | 3.3 | Mounting Width (in): | 7.50 | |
| EER(BTU/Wh): | 10.7 | 18.4 | Mounting Height (in): | 13.82 | |
| Mass Flow (lbs/hr): | 271 | 308 | Suction Size (in),Type: | 3 / 4 Stub | |
| Sound Data @ | | | Discharge Size (in),Type: | 1 / 2 Stub | |
| Sound Power (dBA): | 72 Avg | 77 Max | Initial Oil Charge (oz): | 45 | |
| Vibration mils(peak-peak): | 3.3 Avg | 4.3 Max | Oil Recharge (oz): | 43 | |
| Record Date: | 2010-04-19 | | Oil Type: | POE | |
| | | | Net Weight (lbs): | 60.0 | |
| | | | Internal Free Volume (in ³): | | |
| | | | Horse Power: | | |
| | | | *Overall compressor height on Copeland Brand Product's specified mounting grommets. | | |

| Electrical | | Capacitors | | | | |
|---|------------|----------------------------|---------|---------|----------|------------------------|
| | | Type | Part No | Low MFD | High MFD | Volts User Description |
| LRA High* (Amps): | 28.0 | No data available in table | | | | |
| LRA Low*(Amps): | | | | | | |
| LRA Half Winding (Amps): | | | | | | |
| MCC (Amps): | 5.6 | | | | | |
| Max Operating Current (Amps): | | | | | | |
| RLA, MCC/1.4(use for contactor selection)(Amps): | 4.0 | | | | | |
| RLA, MCC/1.56(use for breaker & wire size selection)(Amps): | 3.6 | | | | | |
| RPM: | 2900 | | | | | |
| 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

| Refrigerant | Voltage | Phase | Frequency | Application |
|--------------------|----------------|--------------|------------------|--------------------|
| R-22 HCFC | 380/420 | 3 | 50 | Air Conditioning |
| R-22 HCFC | 380/460 | 3 | 60 | Air Conditioning |
| R-407C HFC | 380/460 | 3 | 60 | Air Conditioning |