

CR38K6E-PFV

HCFC, R-22, 60 Hz, 1 -Phase, 208/230 V

Air Conditioning



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

Performance

| | | |
|----------------------------|------------|---------|
| Evaporator Temp. (°F) | 45 | 45 |
| Condensing Temp. (°F) | 130 | 100 |
| Return Gas Temp. (°F) | 65 | 65 |
| Liquid Temp. (°F) | 115 | 85 |
| Capacity (Btu/hr) | 35000 | 47400 |
| Power (W): | 3300 | 2680 |
| Current (Amps): | 16.30 | 14.15 |
| EER (Btu/Wh): | 10.60 | 17.70 |
| Mass Flow (lbs/hr): | 509 | 589 |
| <u>Sound Data @</u> | | |
| Sound Power (dBA): | 76 Avg | 81 Max |
| Vibration mils(peak-peak): | 3.6 Avg | 4.6 Max |
| Record Date: | 2018-08-14 | |

Mechanical

| | |
|---|----------|
| Displacment(in ³ /Rev): | 4.05 |
| Displacment(ft ³ /hr): | 492.79 |
| Overall Length (in): | 10.23 |
| Overall Width (in): | 9.65 |
| Overall Height (in): | 14.31 |
| Mounting Length (in): | 7.50 |
| Mounting Width (in): | 7.50 |
| Mounting Height (in): | 14.69 * |
| Suction Size (in),Type: | 3/4 Stub |
| Discharge Size (in),Type: | 1/2 Stub |
| Initial Oil Charge (oz): | 45 |
| Oil Recharge (oz): | 43 |
| Net Weight (lbs): | 70.0 |
| Internal Free Volume (in ³): | |
| Horse Power: | |
| *Overall compressor height on Copeland Brand Product's specified mounting grommets. | |

Electrical

| | |
|---|------------|
| LRA-High*(Amp): | 105.0 |
| LRA Low* (Amp): | |
| LRA-Half Winding (Amp): | |
| MCC (Amps): | 26.6 |
| Max Operating Current(Amp): | 21.3 |
| RLA, MCC/1.4;use for contactor selection (Amp): | 19.0 |
| RLA, MCC/1.56;use for breaker & wire size selection (Amp): | 17.1 |
| RPM: | |
| 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. | |

Capacitors

| Type | Part No | Low MFD | High MFD | Volts | User Description |
|-----------------|-------------|---------|----------|-------|------------------|
| Start Capacitor | 014-0006-13 | 189.0 | 227.0 | 330 | HIGH TORQUE |
| Start Capacitor | 014-0061-20 | 72.0 | 86.0 | 330 | LOW TORQUE |
| Run Capacitor | 014-0080-06 | 40.0 | 0.0 | 440 | |

Alternate Applications

| Refrigerant | Voltage | Phase | Freq (Hz) | Application |
|-------------|---------|-------|-----------|------------------|
| R-407C HFC | 200 | 1 | 50 | Air Conditioning |
| R-407C HFC | 208/230 | 1 | 60 | Air Conditioning |