

CF09K6E-PFV

HFC, R-404A, 60Hz, 1- Phase, 208/230 V

Low Temperature



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

Performance

| | | |
|------------------------------|--------------|--------------|
| Evap(°F)/Cond(°F) | -10 / 120 | -25 / 105 |
| RG(°F)/Liq(°F) | 40.0 / 120.0 | 40.0 / 105.0 |
| Capacity (Btu/hr) | 9800 | 7040 |
| Power (Watts): | 2470 | 1850 |
| Current (Amps): | 11.20 | 8.60 |
| EER (Btu/Wh): | 4.00 | 3.80 |
| Mass Flow (lbs/hr): | 222 | 139 |
| Sound Power (dBA): | 0 Avg | 0 Max |
| Vibration (mils(peak-peak)): | 0.0 Avg | 0.0 Max |
| Record Date: | 2002-11-11 | |

Mechanical

| | | | |
|---|----------|-----------------------|---------|
| Number of Cylinders: | 2 | Displ(in^3/Rev): | 4.40 |
| Bore Size(in): | 1.96 | Displ(ft^3/hr): | 534.59 |
| Stroke(in): | 0.73 | | |
| Overall Length (in): | 10.23 | Mounting Length (in): | 7.50 |
| Overall Width (in): | 9.65 | Mounting Width (in): | 7.50 |
| Overall Height (in): | 13.81 | Mounting Height (in): | 14.19 * |
| Suction Size (in): | 3/4 Stub | | |
| Discharge Size (in): | 1/2 Stub | | |
| Oil Recharge (oz): | 43 | | |
| Initial Oil Charge (oz): | 45 | | |
| Net Weight (lbs): | 69 | | |
| Internal Free Volume (in^3): | 470.0 | | |
| Horse Power: | | | |
| *Overall compressor height on Copeland Brand Product's specified mounting grommets. | | | |

Electrical

| | | | | | |
|---|-------------|------------------------|----------|---------------|------------------|
| LRA-High*: | 87.0 | MCC (Amps): | 23.4 | UL File No: | SA-2337 |
| LRA-Half Winding: | | RPM: | 3500 | UL File Date: | 26-Apr-2000 |
| LRA Low*: | | Max Operating Current: | 18.7 | | |
| RLA(=MCC/1.4;use for contactor selection): | 16.7 | | | | |
| RLA(=MCC/1.56;use for breaker & wire size selection): | 15 | | | | |
| *Low and High refer to the low and high nominal voltage ranges for which the motor is approved. | | | | | |
| Type | Part No | Low MFD | High MFD | Volts | User Description |
| Start Capacitor | 014-0061-28 | 145.0 | 175.0 | 250 | |
| Run Capacitor | 014-0064-08 | 40.0 | 0.0 | 370 | |

Alternate Applications

| | | | | |
|-------------|-----------|-------|---------|-----------------|
| Refrigerant | Freq (Hz) | Phase | Voltage | Application |
| R-404A HFC | 50 | 1 | 200 | Low Temperature |
| R-507 HFC | 50 | 1 | 200 | UL Low Temp |
| R-507 HFC | 60 | 1 | 208/230 | |