

CF09K6E-TF5

HFC, R-404A, 60 Hz, 3 -Phase, 200/230 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

| | | |
|----------------------------|------------|---------|
| Evaporator Temp. (°F) | -10 | -25 |
| Condensing Temp. (°F) | 120 | 105 |
| Return Gas Temp. (°F) | 40 | 40 |
| Liquid Temp. (°F) | 120 | 105 |
| Capacity (Btu/hr) | 9620 | 7240 |
| Power (W): | 2370 | 1760 |
| Current (Amps): | 7.60 | 6.40 |
| EER (Btu/Wh): | 4.10 | 4.10 |
| Mass Flow (lbs/hr): | 220 | 143 |
| <u>Sound Data @</u> | | |
| Sound Power (dBA): | 0 Avg | 0 Max |
| Vibration mils(peak-peak): | 0.0 Avg | 0.0 Max |
| Record Date: | 2002-11-11 | |

Mechanical

| | |
|--|----------|
| Displacment(in ³ /Rev): | 4.40 |
| Displacment(ft ³ /hr): | 534.59 |
| Overall Length (in): | 10.23 |
| Overall Width (in): | 9.65 |
| Overall Height (in): | 13.81 |
| Mounting Length (in): | 7.50 |
| Mounting Width (in): | 7.50 |
| Mounting Height (in): | 14.19 * |
| 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): | 67.0 |
| Internal Free Volume (in ³): | 470.0 |
| Horse Power: | |

*Overall compressor height on Copeland Brand Product's specified mounting grommets.

Electrical

| | |
|--|------------|
| LRA-High*(Amp): | 72.2 |
| LRA Low* (Amp): | |
| LRA-Half Winding (Amp): | |
| MCC (Amps): | 14.3 |
| Max Operating Current(Amp): | 11.4 |
| RLA, MCC/1.4;use for contactor selection (Amp): | 10.2 |
| RLA, MCC/1.56;use for breaker & wire size selection (Amp): | 9.2 |
| RPM: | |
| UL File No: | SA-2337 |
| UL File Date: | 2000-04-26 |

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

Capacitors

Alternate Applications

| Refrigerant | Voltage | Phase | Freq (Hz) | Application |
|-------------|---------|-------|-----------|-----------------|
| R-404A HFC | 200/220 | 3 | 50 | Low Temperature |