

AFE07C3E-IAA

HFC, R-134a, 60 Hz, 1 -Phase, 115 V
Extended Medium Temp, A-Line



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 | 20 |
| Condensing Temp. (°F) | 120 | 120 |
| Return Gas Temp. (°F) | 40 | 40 |
| Liquid Temp. (°F) | 120 | 120 |
| Capacity (Btu/hr) | 710 | 1600 |
| Power (W): | 230 | 339 |
| Current (Amps): | 3.30 | 3.80 |
| EER (Btu/Wh): | 3.10 | 4.70 |
| Mass Flow (lbs/hr): | 12 | 28 |
| <u>Sound Data @</u> | | |
| Sound Power (dBA): | 0 Avg | 0 Max |
| Vibration mils(peak-peak): | 0.0 Avg | 0.0 Max |
| Record Date: | 2004-08-31 | |

Mechanical

| | |
|---|-----------|
| Displacment(in ³ /Rev): | 0.57 |
| Displacment(ft ³ /hr): | 68.79 |
| Overall Length (in): | 10.50 |
| Overall Width (in): | 6.40 |
| Overall Height (in): | 7.90 |
| Mounting Length (in): | 6.50 |
| Mounting Width (in): | 4.00 |
| Mounting Height (in): | 8.30 * |
| Suction Size (in),Type: | 5/16 Stub |
| Discharge Size (in),Type: | 1/4 Stub |
| Initial Oil Charge (oz): | 12 |
| Oil Recharge (oz): | 10 |
| Net Weight (lbs): | 26.0 |
| Internal Free Volume (in ³): | |
| Horse Power: | |
| *Overall compressor height on Copeland Brand Product's specified mounting grommets. | |

Electrical

| | |
|---|------------|
| LRA-High*(Amp): | 29.0 |
| LRA Low* (Amp): | |
| LRA-Half Winding (Amp): | |
| MCC (Amps): | 6.16 |
| Max Operating Current(Amp): | |
| RLA, MCC/1.4;use for contactor selection (Amp): | 4.4 |
| RLA, MCC/1.56;use for breaker & wire size selection (Amp): | 3.9 |
| RPM: | |
| UL File No: | SA-2337 |
| UL File Date: | 1999-03-03 |
| *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 | 014-0053-26 | 145.0 | 175.0 | 250 | |

Alternate Applications

| Refrigerant | Voltage | Phase | Freq (Hz) | Application |
|-------------|---------|-------|-----------|-------------|
|-------------|---------|-------|-----------|-------------|