

# AFE11C3E-IAA

HFC, R-404A, 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)          | 984        | 2340    |
| Power (W):                 | 378        | 580     |
| Current (Amps):            | 5.50       | 7.10    |
| EER (Btu/Wh):              | 2.60       | 4.00    |
| Mass Flow (lbs/hr):        | 22         | 56      |
| <u>Sound Data @</u>        |            |         |
| Sound Power (dBA):         | 0 Avg      | 0 Max   |
| Vibration mils(peak-peak): | 0.0 Avg    | 0.0 Max |
| Record Date:               | 2000-03-02 |         |

## Mechanical

|   |           |
|---|-----------|
| Displacement(in <sup>3</sup> /Rev):   | 0.54      |
| Displacement(ft <sup>3</sup> /hr):  | 65.10     |
| Overall Length (in):  | 10.50     |
| Overall Width (in):   | 6.40      |
| Overall Height (in):  | 7.40      |
| Mounting Length (in):   | 6.50      |
| Mounting Width (in):  | 4.00      |
| Mounting Height (in):   | 7.80 *    |
| 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):   | 25.0      |
| Internal Free Volume (in <sup>3</sup> ):  |           |
| 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):   | 7.84       |
| Max Operating Current(Amp):   |            |
| RLA, MCC/1.4;use for contactor selection (Amp):   | 5.6        |
| RLA, MCC/1.56;use for breaker & wire size selection (Amp):                                      | 5.0        |
| RPM:  |            |
| UL File No:   | SA-2337    |
| UL File Date:   | 1974-12-03 |
| *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 | 014-0053-18 | 145.0   | 175.0    | 165   |                  |

## Alternate Applications

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