

KALB-015E-CAV

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) | -25 / 105 | -40 / 105 |
| RG(°F)/Liq(°F) | 65.0 / 105.0 | 65.0 / 105.0 |
| Capacity (Btu/hr) | 5720 | 3260 |
| Power (Watts): | 1480 | 1170 |
| Current (Amps): | 7.40 | 6.50 |
| EER (Btu/Wh): | 3.90 | 2.80 |
| Mass Flow (lbs/hr): | 102 | 58 |
| Sound Power (dBA): | | |
| Vibration (mils(peak-peak)): | | 4.76 Max |
| Record Date: | 2004-09-10 | |

Mechanical

| | | | |
|---|-------|------------------------------|---------|
| Number of Cylinders: | 2 | Displ(in ³ /Rev): | 5.18 |
| Bore Size(in): | 1.88 | Displ(ft ³ /hr): | 314.74 |
| Stroke(in): | 0.94 | | |
| Overall Length (in): | 14.38 | Mounting Length (in): | 8.19 |
| Overall Width (in): | 9.50 | Mounting Width (in): | 6.38 |
| Overall Height (in): | 10.44 | Mounting Height (in): | 11.19 * |
| Suction Size (in): | | 7/8 Sweat | |
| Discharge Size (in): | | 1/2 Flare | |
| Oil Recharge (oz): | | 20 | |
| Initial Oil Charge (oz): | | 22 | |
| Net Weight (lbs): | | 93 | |
| Internal Free Volume (in ³): | | | |
| Horse Power: | | | |
| *Overall compressor height on Copeland Brand Product's specified mounting grommets. | | | |

Electrical

| | | | | | |
|---|-------------|------------------------|----------|---------------|------------------|
| LRA-High*: | 55.0 | MCC (Amps): | 13.9 | UL File No: | SA-2337 |
| LRA-Half Winding: | | RPM: | 3500 | UL File Date: | 23-Jul-1984 |
| LRA Low*: | | Max Operating Current: | | | |
| RLA(=MCC/1.4;use for contactor selection): | | | 9.9 | | |
| RLA(=MCC/1.56;use for breaker & wire size selection): | | | 8.9 | | |
| *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 | 014-0061-30 | 130.0 | 156.0 | 330 | SPECIAL CUST. |
| Run Capacitor | 014-0064-19 | 25.0 | 0.0 | 482 | |

Alternate Applications

| Refrigerant | Freq (Hz) | Phase | Voltage | Application |
|-------------|-----------|-------|---------|--------------------|
| R-134a HFC | 50 | 1 | 200/220 | |
| R-134a HFC | 60 | 1 | 208/230 | |
| R-134a HFC | 60 | 1 | 208/230 | |
| R-502 CFC | 50 | 1 | 200/220 | Low Temperature |
| R-404A HFC | 50 | 1 | 200/220 | Low Temperature |
| R-507 HFC | 50 | 1 | 200/220 | Low Temperature |
| R-502 CFC | 60 | 1 | 208/230 | Low Temperature |
| R-507 HFC | 60 | 1 | 208/230 | Low Temperature |
| R-12 CFC | 50 | 1 | 200/220 | Medium Temperature |

Alternate Applications

| <u>Refrigerant</u> | <u>Freq (Hz)</u> | <u>Phase</u> | <u>Voltage</u> | <u>Application</u> |
|--------------------|------------------|--------------|----------------|--------------------|
| R-12 CFC | 60 | 1 | 208/230 | Medium Temperature |
| R-12 CFC | 50 | 1 | 200/220 | High Temp |
| R-134a HFC | 50 | 1 | 200/220 | UL High Temp |
| R-12 CFC | 60 | 1 | 208/230 | High Temp |