

HAJB-005E-CAV

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

Medium Temperature



Production Status: This compressor and/or application of this compressor is not available to U.S. OEM customers. A field replacement is currently available through a U.S. Emerson Climate Technologies Wholesaler. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance

| | | |
|------------------------------|--------------|--------------|
| Evap(°F)/Cond(°F) | 20 / 120 | 0 / 110 |
| RG(°F)/Liq(°F) | 65.0 / 120.0 | 65.0 / 110.0 |
| Capacity (Btu/hr) | 3910 | 2640 |
| Power (Watts): | 685 | 559 |
| Current (Amps): | 3.30 | 2.80 |
| EER (Btu/Wh): | 5.70 | 4.70 |
| Mass Flow (lbs/hr): | 82 | 50 |
| Sound Power (dBA): | 0 Avg | 0 Max |
| Vibration (mils(peak-peak)): | 0.0 Avg | 0.0 Max |
| Record Date: | 2006-08-02 | |

Mechanical

| | | | |
|---|-----------|------------------------------|---------|
| Number of Cylinders: | 2 | Displ(in ³ /Rev): | 1.39 |
| Bore Size(in): | 1.19 | Displ(ft ³ /hr): | 84.19 |
| Stroke(in): | 0.62 | | |
| Overall Length (in): | 12.75 | Mounting Length (in): | 8.19 |
| Overall Width (in): | 8.94 | Mounting Width (in): | 6.38 |
| Overall Height (in): | 10.47 | Mounting Height (in): | 11.25 * |
| Suction Size (in): | 1/2 Flare | | |
| Discharge Size (in): | 3/8 Flare | | |
| Oil Recharge (oz): | 16 | | |
| Initial Oil Charge (oz): | 22 | | |
| Net Weight (lbs): | 72 | | |
| Internal Free Volume (in ³): | | | |
| Horse Power: | | | |
| *Overall compressor height on Copeland Brand Product's specified mounting grommets. | | | |

Electrical

| | | | | | |
|---|-------------|------------------------|----------|---------------|------------------|
| LRA-High*: | 22.0 | MCC (Amps): | 5.2 | 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): | | | 3.7 | | |
| RLA(=MCC/1.56;use for breaker & wire size selection): | | | 3.3 | | |
| *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 | 014-0061-29 | 108.0 | 130.0 | 330 | |
| Run Capacitor | 014-0064-00 | 10.0 | 0.0 | 370 | |

Alternate Applications

| Refrigerant | Freq (Hz) | Phase | Voltage | Application |
|-------------|-----------|-------|---------|--------------------|
| R-22 HCFC | 50 | 1 | 200/220 | Medium Temperature |
| R-404A HFC | 50 | 1 | 200/220 | Medium Temperature |
| R-507 HFC | 50 | 1 | 200/220 | |
| R-22 HCFC | 60 | 1 | 208/230 | Medium Temperature |
| R-507 HFC | 60 | 1 | 208/230 | |