

ZPS49K4E-PFV

HFC, R-410A, 60Hz, 1- Phase, 208/230 V

Air Conditioning



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) | 45 / 130 | 45 / 100 |
| RG(°F)/Liq(°F) | 65.0 / 115.0 | 65.0 / 85.0 |
| Capacity (Btu/hr) | 49200 | 60800 |
| Power (Watts): | 4790 | 3290 |
| Current (Amps): | 20.90 | 14.40 |
| EER (Btu/Wh): | 10.30 | 18.50 |
| Mass Flow (lbs/hr): | 724 | 752 |
| Sound Power (dBA): | 72 Avg | 77 Max |
| Vibration (mils(peak-peak)): | 2.0 Avg | 3.0 Max |
| Record Date: | 2010-04-30 | |

Mechanical

| | | | |
|---|-------|------------------------------|---------|
| Number of Cylinders: | 0 | Displ(in ³ /Rev): | 2.87 |
| Bore Size(in): | 0.00 | Displ(ft ³ /hr): | 348.79 |
| Stroke(in): | 0.00 | | |
| Overall Length (in): | 9.69 | Mounting Length (in): | 7.50 |
| Overall Width (in): | 9.69 | Mounting Width (in): | 7.50 |
| Overall Height (in): | 17.91 | Mounting Height (in): | 18.16 * |
| Suction Size (in): | | 7/8 Stub | |
| Discharge Size (in): | | 1/2 Stub | |
| Oil Recharge (oz): | | 52 | |
| Initial Oil Charge (oz): | | 56 | |
| Net Weight (lbs): | | 96 | |
| Internal Free Volume (in ³): | | | |
| Horse Power: | | | |
| *Overall compressor height on Copeland Brand Product's specified mounting grommets. | | | |

Electrical

| | | | | | |
|---|-------------|------------------------|----------|---------------|------------------|
| LRA-High*: | 118.0 | MCC (Amps): | 35.9 | UL File No: | SA-2337 |
| LRA-Half Winding: | | RPM: | 3500 | UL File Date: | 26-Jul-1993 |
| LRA Low*: | | Max Operating Current: | 29.9 | | |
| RLA(=MCC/1.4;use for contactor selection): | | 25.6 | | | |
| RLA(=MCC/1.56;use for breaker & wire size selection): | | 23 | | | |
| *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 | 014-0006-15 | 270.0 | 324.0 | 330 | OPTIONAL |
| Run Capacitor | 014-0064-27 | 80.0 | 0.0 | 370 | |

Alternate Applications

| Refrigerant | Freq (Hz) | Phase | Voltage | Application |
|-------------|-----------|-------|---------|-----------------------------|
| R-410A HFC | 60 | 1 | 208/230 | A/C, 67% Load Of Compressor |