# ZP29K5E-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 | 50 / 100 |
|---|---|---|
| RG(°F)/Liq(°F) | 65.0 / 115.0 | 70.0 / 85.0 |
| Capacity (Btu/hr) | 29000 | 39500 |
| Power (Watts): | 2870 | 1870 |
| Current (Amps): | 12.70 | 8.50 |
| EER (Btu/Wh): | 10.10 | 21.10 |
| Mass Flow (lbs/hr): | 427 | 486 |
| Sound Power (dBA): | 68 Avg | 73 Max |
| Vibration (mils(peak-peak)): | 2.0 Avg | 3.0 Max |
| Record Date: | 2012-12-10 | |

## Mechanical

| | | | |
|---|---|---|---|
| Number of Cylinders: | 0 | Displ(in^3/Rev): | 1.68 |
| Bore Size(in): | 0.00 | Displ(ft^3/hr): | 204.17 |
| Stroke(in): | 0.00 | | |
| Overall Length (in): | 9.56 | Mounting Length (in): | 7.50 |
| Overall Width (in): | 9.56 | Mounting Width (in): | 7.50 |
| Overall Height (in): | 15.27 | Mounting Height (in): | 16.02 * |

| | |
|---|---|
| Suction Size (in): | 3/4 Stub |
| Discharge Size (in): | 1/2 Stub |
| Oil Recharge (oz): | 21 |
| Initial Oil Charge (oz): | 25 |
| Net Weight (lbs): | 49 |
| Internal Free Volume (in^3): | 124.5 |
| Horse Power: | |

*Overall compressor height on Copeland Brand Product's specified mounting grommets.

## Electrical

| | | | | | |
|---|---|---|---|---|---|
| LRA-High*: | 77.0 | MCC (Amps): | 22.0 | UL File No: | SA-2337 |
| LRA-Half Winding: | | RPM: | 3500 | UL File Date: | 16-Dec-2003 |
| LRA Low*: | | Max Operating Current: | 16.2 | | |

RLA(=MCC/1.4;use for contactor selection): 15.7
RLA(=MCC/1.56;use for breaker & wire size selection): 14.1

*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 | 014-0061-27 | 88.0 | 106.0 | 330 | OPTIONAL |
| Run Capacitor | 014-0064-25 | 45.0 | 0.0 | 370 | |

## Alternate Applications

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



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