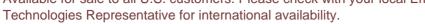
ZR61K3E-PFV

HFC, R-407C, 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



Performance

| Evap(°F)/Cond(°F) | 45 / 130 | 45 / 100 |
|--|---------------|---------------|
| RG(°F)/Liq(°F) | 65.0 / 115.0 | 65.0 / 85.0 |
| Capacity (Btu/hr) Power (Watts): | 59400 | 71700 |
| Current (Amps): | 5620 26.20 | 3740 18.30 |
| EER (Btu/Wh): | 10.55 | 19.20 |
| Mass Flow (lbs/hr): | 859 | 885 |
| | | |
| Sound Power (dBA): | 74 Avg | 79 Max |
| Vibration (mils(peak-peak)): | 2.0 Avg | 3.0 Max |
| Record Date: | 2014-08-07 | |
| | | |

Mechanical

Copela

| Number of Cylinders: | 0 | Displ(in^3/Rev): | 5.04 | | |
|---|---------|-----------------------|---------|--|--|
| Bore Size(in): | 0.00 | Displ(ft^3/hr): | 612.50 | | |
| 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): 17.75 | | Mounting Height (in): | 18.00 * | | |
| | | | | | |
| Suction Size (in): | | 7/8 Stub | | | |
| Discharge Size (in): | | 1/2 Stub | | | |
| Oil Recharge (oz): | | 52 | | | |
| Initial Oil Charge (oz): | | 56 | | | |
| Net Weight (lbs): | | 90 | | | |
| Internal Free Volume | (in^3): | 215.0 | | | |
| Horse Power: | | 5 | | | |
| *Overall compressor height on Copeland Brand Product's specified mounting grommets. | | | | | |

Electrical

| LRA-High*: | | 148.0 | MCC (Amps | s): | 45.0 | UL File No: | |
|-------------------|---|------------|------------|--------------|------------------|---------------|-------------|
| LRA-Half Winding | : | | RPM: | | 3500 | UL File Date: | 26-Jul-1993 |
| LRA Low*: | | | Max Operat | ing Current: | 40.0 | | |
| RLA(=MCC/1.4;us | se for contactor s | election): | 32 | 2.1 | | | |
| RLA(=MCC/1.56;u | RLA(=MCC/1.56;use for breaker & wire size selection): 28.8 | | | | | | |
| *Low and High ref | *Low and High refer to the low and high nominal voltage ranges for which the motor is approved. | | | | | | |
| Туре | Part No | Low MFD | High MFD | Volts | User Description | | |
| Start Capacitor | 014-0006-15 | 270.0 | 324.0 | 330 | OPTIONAL | | |
| Run Capacitor | 014-0041-01 | 80.0 | 0.0 | 370 | SPECIAL | | |
| Run Capacitor | 014-0054-38 | 80.0 | 0.0 | 370 | PLASTIC CASE AL | .T | |
| Run Capacitor | 014-0064-27 | 80.0 | 0.0 | 370 | | | |

Alternate Applications

| Refrigerant | Freq (Hz) | <u>Phase</u> | Voltage | Application | |
|-------------|-----------|--------------|---------|-------------|--|
| R-22 HCFC | 60 | 1 | 208/230 | | |