

ZR48K5E-PFV

HFC, R-407C, 60 Hz, 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 | | | Mechanical | |
|----------------------------|------------|---------|---|------------|
| Evaporator Temp. (°F) | 45.00 | 50 | Displacement (in^3/Rev): | 3.87 |
| Condensing Temp. (°F) | 130.00 | 100 | Displacement (ft^3/Hr): | |
| Return Gas Temp. (°F) | 65.00 | 70 | Overall Length (in): | 9.69 |
| Liquid Temp. (°F) | 115.00 | 85 | Overall Width (in): | 9.69 |
| Capacity (BTU/hr) | 46200 | 61900 | Overall Height (in): | 16.94 |
| Power (W): | 4260 | 2850 | Mounting Length (in): | 7.50 |
| Current (Amps): | 19.05 | 13.15 | Mounting Width (in): | 7.50 |
| EER(BTU/Wh): | 10.85 | 21.7 | Mounting Height (in): | 17.17 |
| Mass Flow (lbs/hr): | 671 | 762 | Suction Size (in),Type: | 7 / 8 Stub |
| Sound Data @ 45 / 130 | | | Discharge Size (in),Type: | 1 / 2 Stub |
| Sound Power (dBA): | 70 Avg | 75 Max | Initial Oil Charge (oz): | 42 |
| Vibration mils(peak-peak): | 2.0 Avg | 3.0 Max | Oil Recharge (oz): | 34 |
| Record Date: | 2015-10-13 | | Oil Type: | 3MA |
| | | | Net Weight (lbs): | 70.9 |
| | | | Internal Free Volume (in^3): | 186.0 |
| | | | Horse Power: | |
| | | | *Overall compressor height on Copeland Brand Product's specified mounting grommets. | |

| Electrical | | Capacitors | | | | | |
|---|---------|-----------------|-------------|---------|----------|--------|------------------|
| LRA High* (Amps): | 137.0 | Type | Part No | Low MFD | High MFD | Volt s | User Description |
| LRA Low*(Amps): | | Run Capacitor | 014-0064-18 | 60.0 | 0.0 | 440 | |
| LRA Half Winding (Amps): | | Start Capacitor | 014-0061-27 | 88.0 | 106.0 | 330 | OPTIONAL |
| MCC (Amps): | 34 | | | | | | |
| Max Operating Current (Amps): | 30.0 | | | | | | |
| RLA, MCC/1.4(use for contactor selection)(Amps): | 24.3 | | | | | | |
| RLA, MCC/1.56(use for breaker & wire size selection)(Amps): | 21.8 | | | | | | |
| RPM: | 3500 | | | | | | |
| Box IP : | 21 | | | | | | |
| UL File No: | SA-2337 | | | | | | |
| UL File Date: | | | | | | | |

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Alternate Applications

| Refrigerant | Voltage | Phase | Frequency | Application |
|-------------|---------|-------|-----------|-------------|
|-------------|---------|-------|-----------|-------------|