

ZR125KCE-TF5

HFC, R-407C, 60Hz, 3- Phase, 200/230 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) | 125000 | 151000 |
| Power (Watts): | 10850 | 7700 |
| Current (Amps): | 32.60 | 25.10 |
| EER (Btu/Wh): | 11.60 | 19.60 |
| Mass Flow (lbs/hr): | 1820 | 1870 |
| Sound Power (dBA): | 80 Avg | 85 Max |
| Vibration (mils(peak-peak)): | 3.0 Avg | 4.0 Max |
| Record Date: | 2007-08-24 | |

Mechanical

| | | | |
|---|------------|------------------------------|---------|
| Number of Cylinders: | 0 | Displ(in ³ /Rev): | 10.20 |
| Bore Size(in): | 0.00 | Displ(ft ³ /hr): | 1239.34 |
| Stroke(in): | 0.00 | | |
| Overall Length (in): | 10.38 | Mounting Length (in): | 7.50 |
| Overall Width (in): | 11.23 | Mounting Width (in): | 7.50 |
| Overall Height (in): | 21.00 | Mounting Height (in): | 21.75 * |
| Suction Size (in): | 1 3/8 Stub | | |
| Discharge Size (in): | 7/8 Stub | | |
| Oil Recharge (oz): | 106 | | |
| Initial Oil Charge (oz): | 110 | | |
| Net Weight (lbs): | 135 | | |
| Internal Free Volume (in ³): | 809.0 | | |
| Horse Power: | 10 | | |
| *Overall compressor height on Copeland Brand Product's specified mounting grommets. | | | |

Electrical

| | | | | | |
|---|------|------------------------|------|---------------|-------------|
| LRA-High*: | 239 | MCC (Amps): | 58.0 | UL File No: | SA-2337 |
| LRA-Half Winding: | | RPM: | 3500 | UL File Date: | 27-Sep-1996 |
| LRA Low*: | | Max Operating Current: | 39.1 | | |
| RLA(=MCC/1.4;use for contactor selection): | 41.4 | | | | |
| RLA(=MCC/1.56;use for breaker & wire size selection): | 37.2 | | | | |
| *Low and High refer to the low and high nominal voltage ranges for which the motor is approved. | | | | | |

Alternate Applications

| Refrigerant | Freq (Hz) | Phase | Voltage | Application |
|-------------|-----------|-------|---------|------------------|
| R-22 HCFC | 50 | 3 | 200/220 | |
| R-22 HCFC | 60 | 3 | 200/230 | |
| R-134a HFC | 50 | 3 | 200/220 | Air Conditioning |
| R-134a HFC | 60 | 3 | 200/230 | Air Conditioning |
| R-407C HFC | 50 | 3 | 200/220 | Air Conditioning |