

ZR160KC-TW5

HCFC, R-22, 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 | 35 / 120 |
| RG(°F)/Liq(°F) | 65.0 / 115.0 | 55.0 / 105.0 |
| Capacity (Btu/hr) | 160000 | 139000 |
| Power (Watts): | 13900 | 12300 |
| Current (Amps): | 43.20 | 39.15 |
| EER (Btu/Wh): | 11.50 | 11.30 |
| Mass Flow (lbs/hr): | 2340 | 1980 |
| Sound Power (dBA): | 83 Avg | 88 Max |
| Vibration (mils(peak-peak)): | 3.0 Avg | 4.5 Max |
| Record Date: | 2007-09-12 | |

Mechanical

| | | | |
|---|------------|------------------------------|---------|
| Number of Cylinders: | 0 | Displ(in ³ /Rev): | 12.76 |
| Bore Size(in): | 0.00 | Displ(ft ³ /hr): | 1550.70 |
| Stroke(in): | 0.00 | | |
| Overall Length (in): | 12.83 | Mounting Length (in): | 7.50 |
| Overall Width (in): | 11.61 | Mounting Width (in): | 7.50 |
| Overall Height (in): | 21.72 | Mounting Height (in): | 23.03 * |
| 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): | 146 | | |
| Internal Free Volume (in ³): | 856.0 | | |
| Horse Power: | | | |
| *Overall compressor height on Copeland Brand Product's specified mounting grommets. | | | |

Electrical

| | | | | | |
|---|-------|------------------------|------|---------------|-------------|
| LRA-High*: | 300.0 | MCC (Amps): | 75.0 | UL File No: | SA-2337 |
| LRA-Half Winding: | | RPM: | 3500 | UL File Date: | 27-Sep-1996 |
| LRA Low*: | | Max Operating Current: | 59.0 | | |
| RLA(=MCC/1.4;use for contactor selection): | 53.6 | | | | |
| RLA(=MCC/1.56;use for breaker & wire size selection): | 48.1 | | | | |
| *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 | Air Conditioning |