

ZR94KC-TFD

HCFC, R-22, 50Hz, 3- Phase, 380/420 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) | 79500 | 94000 |
| Power (Watts): | 6750 | 4780 |
| Current (Amps): | 12.50 | 9.60 |
| EER (Btu/Wh): | 11.80 | 19.70 |
| Mass Flow (lbs/hr): | 1170 | 1210 |
| Sound Power (dBA): | 73 Avg | 78 Max |
| Vibration (mils(peak-peak)): | 2.5 Avg | 4.0 Max |
| Record Date: | 2006-02-13 | |

Mechanical

| | | | |
|---|------------|------------------------------|---------|
| Number of Cylinders: | 0 | Displ(in ³ /Rev): | 7.76 |
| Bore Size(in): | 0.00 | Displ(ft ³ /hr): | 781.18 |
| 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): | 18.75 | Mounting Height (in): | 19.50 * |
| Suction Size (in): | 1 1/8 Stub | | |
| Discharge Size (in): | 7/8 Stub | | |
| Oil Recharge (oz): | 81 | | |
| Initial Oil Charge (oz): | 85 | | |
| Net Weight (lbs): | 126 | | |
| Internal Free Volume (in ³): | 639.0 | | |
| Horse Power: | 8 | | |
| *Overall compressor height on Copeland Brand Product's specified mounting grommets. | | | |

Electrical

| | | | | | |
|---|------|------------------------|------|---------------|-------------|
| LRA-High*: | 95.0 | MCC (Amps): | 23.0 | UL File No: | SA-2337 |
| LRA-Half Winding: | | RPM: | 2900 | UL File Date: | 27-Sep-1996 |
| LRA Low*: | 86.0 | Max Operating Current: | 15.6 | | |
| RLA(=MCC/1.4;use for contactor selection): | 16.4 | | | | |
| RLA(=MCC/1.56;use for breaker & wire size selection): | 14.7 | | | | |
| *Low and High refer to the low and high nominal voltage ranges for which the motor is approved. | | | | | |

Alternate Applications

| <u>Refrigerant</u> | <u>Freq (Hz)</u> | <u>Phase</u> | <u>Voltage</u> | <u>Application</u> |
|--------------------|------------------|--------------|----------------|--------------------|
| R-22 HCFC | 60 | 3 | 460 | Air Conditioning |