

ZR28K3E-TFD

HFC, R-407C, Dew Point, 50 Hz, 3 - Phase, 380/420 V
Air Conditioning

Performance

| | | |
|---------------------|---------------|---------------|
| Evap(°F)/Cond(°F) | <u>45/130</u> | <u>45/100</u> |
| RG(°F)/Liq(°F) | <u>65/115</u> | <u>65/85</u> |
| Capacity (Btu/hr): | 22700 | 27400 |
| Power (Watts): | 2140 | 1400 |
| Current (Amps): | 3.9 | 3 |
| EER (Btu/Wh): | 10.6 | 19.6 |
| Mass Flow (lbs/hr): | 330.0 | 340.0 |

Sound Power(dBA): 65 Ave 70 Max
Vibration (mils(peak-peak)): 2.0 Ave 3.0 Max

Record Date: 2005-07-15

Mechanical

| | | | |
|----------------------|-----|-------------------------------|----------|
| Number of Cylinders: | 0 | Displ (in ³ /Rev): | 2.395 |
| Bore Size (in): | 0.0 | Displ (ft ³ /hr): | 241.1621 |
| Stroke (in): | 0.0 | | |

Overall Length (in): 9.567 Mounting Length (in): 7.5
Overall Width (in): 9.567 Mounting Width(in): 7.5
Overall Height (in): 14.84 Mounting Height (in): 15.076*

Suction Size (in): 3/4 Stub
Discharge Size (in): 1/2 Stub
Initial Oil Charge (oz): 38
Oil Recharge (oz): 34
Net Weight (lbs): 56.0
Internal Free Volume (in³): 175.0
HorsePower 2.5

* Overall compressor height on Copeland Brand Product's specified mounting grommets.

Electrical

| | | | | | |
|-------------------|------|------------------------|------|---------------|-------------|
| LRA-High*: | 32.0 | MCC (Amps): | 7.0 | UL File No.: | |
| LRA-Half Winding: | | RPM: | 2900 | UL File Date: | 14-Jun-1994 |
| LRA-Low*: | 30.0 | Max Operating Current: | 5.1 | CSA File No.: | |

RLA(=MCC/1.4; use for contactor selection): 5

RLA (=MCC/1.56; use for breaker & wire size selection): 4.5

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

Alternate Applications

| <u>Refrigerant</u> | <u>Frequency(Hz)</u> | <u>Phase</u> | <u>Voltage</u> | <u>Application</u> |
|--------------------|----------------------|--------------|----------------|--------------------|
| R-134a HFC | 60 | 3 | 460 | Air Conditioning |
| R-407C HFC | 60 | 3 | 460 | Air Conditioning |
| R-134a HFC | 50 | 3 | 380/420 | Air Conditioning |