

# ZR68KCE-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):	54000	66000
Power (Watts):	5100	3300
Current (Amps):	8.9	6.5
EER (Btu/Wh):	10.6	19.9
Mass Flow (lbs/hr):	785.0	815.0

Sound Power(dBA): 72 Ave 77 Max  
Vibration (mils(peak-peak)): 2.0 Ave 3.0 Max

Record Date: 2005-09-02

## Mechanical

Number of Cylinders:	0	Displ (in <sup>3</sup> /Rev):	5.676
Bore Size (in):	0.0	Displ (ft <sup>3</sup> /hr):	571.5391
Stroke (in):	0.0		

Overall Length (in): 9.48      Mounting Length (in): 7.5  
Overall Width (in): 9.71      Mounting Width(in): 7.5  
Overall Height (in): 17.75      Mounting Height (in): 18.0\*

Suction Size (in): 7/8 Stub  
Discharge Size (in): 1/2 Stub  
Initial Oil Charge (oz): 60  
Oil Recharge (oz): 56  
Net Weight (lbs): 86.0  
Internal Free Volume (in<sup>3</sup>): 362.0  
HorsePower 5.5

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

## Electrical

LRA-High*:	74.0	MCC (Amps):	14.0	UL File No.:	SA-2337
LRA-Half Winding:		RPM:	2900	UL File Date:	26-Jul-1993
LRA-Low*:	67.0	Max Operating Current:	12.1	CSA File No.:	LR3104C

RLA(=MCC/1.4; use for contactor selection): 10

RLA ( =MCC/1.56; use for breaker & wire size selection): 9

\*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