

# ZR54KCE-TFD

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

## Performance

Evap(°F)/Cond(°F)	45/130	45/100
RG(°F)/Liq(°F)	65/115	65/85
Capacity (Btu/hr):	44400	55000
Power (Watts):	4400	2970
Current (Amps):	6.5	5.2
EER (Btu/Wh):	10.1	18.5
Mass Flow (lbs/hr):	645.0	680.0
Sound Power(dBA):	71 Ave	76 Max
Vibration (mils(peak-peak)):	2.0 Ave	3.0 Max
Record Date:	2006-06-07	

## Mechanical

Number of Cylinders:	0	Displ (in <sup>3</sup> /Rev):	4.468
Bore Size (in):	0.0	Displ (ft <sup>3</sup> /hr):	449.9007
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):	66		
Oil Recharge (oz):	62		
Net Weight (lbs):	79.0		
Internal Free Volume (in <sup>3</sup> ):	256.0		
HorsePower	4.5		
* Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	61.8	MCC (Amps):	11.6	UL File No.:	SA-2337
LRA-Half Winding:		RPM:	2900	UL File Date:	26-Jul-1993
LRA-Low*:	55.5	Max Operating Current:	8.7	CSA File No.:	LR3104C
RLA(=MCC/1.4; use for contactor selection): 8.3					
RLA(=MCC/1.56; use for breaker & wire size selection): 7.4					
*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-407C HFC	60	3	460	Air Conditioning