

ZR61KCE-TFD

HFC, R-407C, 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

<u>Evap(°C)/Cond(°C)</u>	<u>7.2 / 54.4</u>	<u>7.2 / 37.8</u>
<u>RG(°C)/SubCool(°C)</u>	<u>18.3 / 8</u>	<u>18.3 / 8</u>
Capacity (Watts)	14000	17000
Power (Watts):	4460	3080
Current (Amps):	8.40	6.50
EER (COP):	3.14	5.54
Mass Flow (g/s):	88	90
Sound Power (dBA):	71 Avg	76 Max
Vibration (mm(peak- Vibration (mm(peak- Record Date:	0.051 Avg	0.076 Max
	2006-03-15	

Mechanical

Number of Cylinders:	0	Displ(cm ³ /Rev):	82.61
Bore Size(mm):	0.00	Displ(meters ³ /hr):	14.37
Stroke(mm):	0.00		
Overall Length (mm):	246.1	Mounting Length (mm):	190.50
Overall Width (mm):	246.1	Mounting Width (mm):	190.50
Overall Height (mm):	450.8	Mounting Height (mm):	457.2 *
Suction Size (mm):		22 7/32 Stub	
Discharge Size (mm):		12 11/16 Stub	
Oil Recharge (ml):		1834	
Initial Oil Charge (ml):		1952	
Net Weight (kg):		36.06	
Internal Free Volume (cm ³):		4458.08	
Horse Power:		5	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	65.5	MCC (Amps):	14.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	26-Jul-1993
LRA Low*:	58.6	Max Operating Current:	11.0		
RLA(=MCC/1.4;use for contactor selection):			10		
RLA(=MCC/1.56;use for breaker & wire size			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>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-134a HFC	50	3	380/420	Air Conditioning
R-134a HFC	60	3	460	Air Conditioning
R-407C HFC	60	3	460	Air Conditioning