

ZR72KCE-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

Evap(°F)/Cond(°F)	<u>45 / 130</u>	<u>45 / 100</u>
RG(°F)/SubCool(°F)	<u>65 / 15</u>	<u>65 / 15</u>
Capacity (Btu/hr)	56500	69000
Power (Watts):	5150	3520
Current (Amps):	9.10	6.50
EER (Btu/Wh):	11.00	19.60
Mass Flow (lbs/hr):	825	855
Sound Power (dBA):	72 Avg	77 Max
Vibration (mils(peak- Vibration (mils(peak- Record Date:	2.0 Avg 3.0 Max 2005-04-15	3.0 Max

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	5.98
Bore Size(in):	0.00	Displ(ft ³ /hr):	602.45
Stroke(in):	0.00		
Overall Length (in):	9.48	Mounting Length (in):	7.50
Overall Width (in):	9.71	Mounting Width (in):	7.50
Overall Height (in):	17.75	Mounting Height (in):	18.00 *
Suction Size (in):		7/8 Stub	
Discharge Size (in):		1/2 Stub	
Oil Recharge (oz):		56	
Initial Oil Charge (oz):		60	
Net Weight (lbs):		85	
Internal Free Volume (in ³):		248.0	
Horse Power:		6	
*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:		UL File Date:	26-Jul-1993
LRA Low*:	67.0	Max Operating Current:	12.1		
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

Refrigerant	Freq (Hz)	Phase	Voltage	Application
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