

ZR72KCE-TF5

HFC, R-407C, 60Hz, 3- Phase, 200/230 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)	69500	83500
Power (Watts):	6200	4290
Current (Amps):	18.10	13.40
EER (Btu/Wh):	11.20	19.50
Mass Flow (lbs/hr):	1010	1040
Sound Power (dBA):	75 Avg	80 Max
Vibration (mils(peak- Record Date: 2004-03-11	2.0 Avg	3.0 Max

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	5.98
Bore Size(in):	0.00	Displ(ft ³ /hr):	727.10
Stroke(in):	0.00		
Overall Length (in):	9.69	Mounting Length (in):	7.50
Overall Width (in):	9.69	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*:	156	MCC (Amps):	29.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	26-Jul-1993
LRA Low*:		Max Operating Current:	26.0		
RLA(=MCC/1.4;use for contactor selection):			20.7		
RLA(=MCC/1.56;use for breaker & wire size			18.6		
*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	50	3	200/220	Air Conditioning
R-134a HFC	60	3	200/230	Air Conditioning
R-407C HFC	50	3	200/220	Air Conditioning
R-22 HCFC	50	3	200/220	Air Conditioning
R-22 HCFC	60	3	200/230	Air Conditioning