

ZR32K5E-PFV

HFC, R-407C, 60Hz, 1- Phase, 208/230 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

<u>Evap(°F)/Cond(°F)</u>	<u>45 / 130</u>	<u>50 / 100</u>
<u>RG(°F)/SubCool(°F)</u>	<u>65 / 15</u>	<u>70 / 15</u>
Capacity (Btu/hr)	31300	42200
Power (Watts):	2990	1980
Current (Amps):	13.10	9.00
EER (Btu/Wh):	10.50	21.30
Mass Flow (lbs/hr):	456	520
Sound Power (dBA):	68 Avg	73 Max
Vibration (mils(peak- Record Date: 2010-11-16	2.0 Avg	3.0 Max

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	2.69
Bore Size(in):	0.00	Displ(ft ³ /hr):	326.91
Stroke(in):	0.00		
Overall Length (in):	9.50	Mounting Length (in):	7.50
Overall Width (in):	9.50	Mounting Width (in):	7.50
Overall Height (in):	15.86	Mounting Height (in):	16.08 *
Suction Size (in):		3/4 Stub	
Discharge Size (in):		1/2 Stub	
Oil Recharge (oz):		19	
Initial Oil Charge (oz):		25	
Net Weight (lbs):		49.9	
Internal Free Volume (in ³):		115.0	
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	87.0	MCC (Amps):	24.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	19-Nov-2009
LRA Low*:		Max Operating Current:	22.5		
RLA(=MCC/1.4;use for contactor selection):			17.1		
RLA(=MCC/1.56;use for breaker & wire size			15.4		
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-22 HCFC	60	1	208/230	

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Service Parts

<u>Reference</u>	<u>Component</u>	<u>Quantity</u>	<u>Description</u>	<u>Comment</u>
2	527-0044-15	1	SPACER-MOUNTING ASSM	
14	529-0060-24	1	POWER CABLE-MOLDED PLUG	
5	914-0037-40	1	RUN CAP KIT	
1	918-0052-00	1	CRANKCASE HEATER KIT	240V 40W WRAP AROUND
1	918-0052-01	1	CRANKCASE HEATER KIT	120V 40W WRAP AROUND

Common U.S. Service Bill Of Materials

	Suction Connection	Suction Size	Discharge Connection	Discharge Size	Electrical Connection	Mounting Assembly	Sight Glass	Crankcase Heater	Schraeder Valve	Tandem Ready	Module Voltage
800	Stub	3/4"	Stub	1/2"		Yes	-	-	-	-	-
830	Stub	3/4"	Stub	1/2"		Yes	-	-	-	-	-

* Note: For all other Bill Of Material descriptions (Including International and Customer Specific Bills of Materials) contact your sales representative or the Application Engineering Department.