

ZR25K5E-PFJ

HCFC, R-22, 60Hz, 1- Phase, 265 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)	45 / 130	50 / 100
RG(°F)/Liq(°F)	65.0 / 115.0	70.0 / 85.0
Capacity (Btu/hr)	25300	32800
Power (Watts):	2320	1595
Current (Amps):	8.75	6.05
EER (Btu/Wh):	10.90	20.60
Mass Flow (lbs/hr):	371	420
Sound Power (dBA):	68 Avg	73 Max
Vibration (mils(peak- Record Date:	2.0 Avg 2014-03-06	3.0 Max

Mechanical

Number of Cylinders:	0	Displ(in^3/Rev):	2.08
Bore Size(in):	0.00	Displ(ft^3/hr):	252.66
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		
Internal Free Volume (in^3):	122.8		
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	63.0	MCC (Amps):	17.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	
LRA Low*:		Max Operating Current:	14.0		
RLA(=MCC/1.4;use for contactor selection):		12.1			
RLA(=MCC/1.56;use for breaker & wire size		10.9			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					
Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	014-0061-27	88.0	106.0	330	OPTIONAL
Run Capacitor	014-0064-13	35.0	0.0	440	

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-407C HFC	50	1	220/240	Air Conditioning
R-22 HCFC	50	1	220/240	Air Conditioning
R-407C HFC	60	1	265	Air Conditioning

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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	
13	914-0037-17	1	RUN CAP KIT W/CLAMP	
1	918-0052-00	1	CRANKCASE HEATER KIT	240V 40W WRAP AROUND
1	918-0052-01	1	CRANKCASE HEATER KIT	120V 40W WRAP AROUND
6	940-0001-79	1	RELAY-POTENTIAL KIT	

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Accessories

<u>PartNumber</u>	<u>Description</u>
018-0094-00	Crankcase Heater, 240V, 40W
018-0094-01	Crankcase Heater, 120V, 40W
018-0094-03	Crankcase Heater, 480V, 40W, 21.25" Lead Length
018-0094-04	Crankcase Heater, 575V, 40W, 21.25" Lead Length
018-0094-00	Crankcase Heater, 240V, 40W
018-0094-01	Crankcase Heater, 120V, 40W
018-0094-04	Crankcase Heater, 575V, 40W, 21.25" Lead Length

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	-	-	-	-	-

* 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.