

ZR18K5E-PFJ

HFC, R-407C, 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

<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)	17800	24200
Power (Watts):	1735	1170
Current (Amps):	6.75	4.75
EER (Btu/Wh):	10.25	20.75
Mass Flow (lbs/hr):	259	299
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):	1.54
Bore Size(in):	0.00	Displ(ft ³ /hr):	186.91
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):	15.75	Mounting Height (in):	16.00 *
Suction Size (in):		3/4 Stub	
Discharge Size (in):		1/2 Stub	
Oil Recharge (oz):		19	
Initial Oil Charge (oz):		25	
Net Weight (lbs):		49.3	
Internal Free Volume (in ³):		123.0	
Horse Power:		2.5	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	46.0	MCC (Amps):	12.5	UL File No:	SA-2337
LRA-Half Winding:		RPM:	0	UL File Date:	
LRA Low*:		Max Operating Current:	10.0		
RLA(=MCC/1.4;use for contactor selection):		8.9			
RLA(=MCC/1.56;use for breaker & wire size		8			
*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-407C HFC	50	1	220/240	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	914-0037-10	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	-	-	-	-	-
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.