

ZR48K5E-TF5

HCFC, R-22, 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)	45 / 130	50 / 100
RG(°F)/Liq(°F)	65 / 115	70 / 85
Capacity (Btu/hr)	48200	62500
Power (Watts):	4160	2840
Current (Amps):	12.00	9.30
EER (Btu/Wh):	11.60	22.00
Mass Flow (lbs/hr):	705	800
Sound Power (dBA):	73 Avg	78 Max
Vibration (mils(peak- Vibration (mils(peak-	2.0 Avg	3.0 Max
Record Date:	2014-03-06	

Mechanical

Number of Cylinders:0	Displ(in ³ /Rev):	3.87	
Bore Size(in):	0.00	Displ(ft ³ /hr):	469.71
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):	16.94	Mounting Height (in):	17.17 *
Suction Size (in):	7/8 Stub		
Discharge Size (in):	1/2 Stub		
Oil Recharge (oz):	34		
Initial Oil Charge (oz):	42		
Net Weight (lbs):	69.1		
Internal Free Volume (in ³):	193.0		
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	114.0	MCC (Amps):	24.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	
LRA Low*:		Max Operating Current:	17.50		
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

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-407C HFC	50	3	200/220	Air Conditioning
R-22 HCFC	50	3	200/220	Air Conditioning
R-407C HFC	60	3	200/230	Air Conditioning

ZR48K5E-TF5

HCFC, R-22, 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.

Service Parts

<u>Reference</u>	<u>Component</u>	<u>Quantity</u>	<u>Description</u>	<u>Comment</u>
2	527-0116-00	1	SPACER-MOUNTING ASSM	
14	529-0060-24	1	POWER CABLE-MOLDED PLUG	
1	918-0041-00	1	HEATER-CRANKCASE	240V 40W WRAP AROUND
1	918-0041-01	1	HEATER-CRANKCASE	120V 40W WRAP AROUND

ZR48K5E-TF5

HCFC, R-22, 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.

Accessories

<u>PartNumber</u>	<u>Description</u>
018-0095-00	Crankcase Heater, 240V, 70W, 21" Lead Length
018-0095-01	Crankcase Heater, 480V, 70W, 21" Lead Length
018-0095-02	Crankcase Heater, 575V, 70W, 21" Lead Length
018-0095-03	Crankcase Heater, 240V, 70W, 32" Lead Length
018-0095-04	Crankcase Heater, 240V, 70W, 48" Lead Length
018-0095-05	Crankcase Heater, 480V, 70W, 48" Lead Length
018-0095-06	Crankcase Heater, 575V, 70W, 48" Lead Length
018-0095-07	Crankcase Heater, 120V, 70W, 48" Lead Length
018-0095-08	Crankcase Heater, 400V, 70W, 48" Lead Length
018-0095-09	Crankcase Heater, 277V, 70W, 21" Lead Length
018-0096-00	Crankcase Heater, 240V, 40W, 21.75" Lead Length
018-0096-01	Crankcase Heater, 120V, 40W, 21.75" Lead Length
018-0096-02	Crankcase Heater, 480V, 40W, 21.75" Lead Length
018-0096-03	Crankcase Heater, 575V, 40W, 21.75" Lead Length
018-0096-04	Crankcase Heater, 240V, 40W, 48.25" Lead Length
018-0096-05	Crankcase Heater, 480V, 40W, 48.25" Lead Length
018-0096-06	Crankcase Heater, 240V, 40W, 31.75" 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	7/8"	Stub	1/2"		Yes	-	-	-	-	-
830	Stub	7/8"	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.