

RST70C1-TA5

HCFC, R-22, 60Hz, 3- Phase, 200/230 V
High Temp



Production Status: This compressor and/or application of this compressor is not available to U.S. OEM customers. A field replacement is currently available through a U.S. Emerson Climate Technologies Wholesaler. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance

Evap(°F)/Cond(°F)	<u>45 / 130</u>	<u>20 / 120</u>
RG(°F)/Liq(°F)	<u>65 / 130</u>	<u>65 / 120</u>
Capacity (Btu/hr)	11800	7450
Power (Watts):	1260	1040
Current (Amps):	4.50	3.90
EER (Btu/Wh):	9.30	7.10
Mass Flow (lbs/hr):	186	109
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-)	0.0 Avg	0.0 Max
Record Date:	2012-02-16	

Mechanical

Number of Cylinders:	1	Displ(in ³ /Rev):	1.25
Bore Size(in):	1.46	Displ(ft ³ /hr):	151.75
Stroke(in):	0.75		
Overall Length (in):	10.30	Mounting Length (in):	8.00
Overall Width (in):	7.10	Mounting Width (in):	4.80
Overall Height (in):	9.80	Mounting Height (in):	10.40 *
Suction Size (in):		1/2 Stub	
Discharge Size (in):		3/8 Stub	
Oil Recharge (oz):		20	
Initial Oil Charge (oz):		22	
Net Weight (lbs):		39.2	
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	36.0	MCC (Amps):	6.8	UL File No:
LRA-Half Winding:		RPM:	0	UL File Date:
LRA Low*:		Max Operating Current:		
RLA(=MCC/1.4;use for contactor selection):		4.9		
RLA(=MCC/1.56;use for breaker & wire size)		4.4		
*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-22 HCFC	60	3	200/230	Medium Temperature

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Service Parts

<u>Reference</u>	<u>Component</u>	<u>Quantity</u>	<u>Description</u>	<u>Comment</u>
11	005-1186-01	1	COVER-TERMINAL	
12	020-1262-00	1	GASKET-TERM BOX	
7	527-C001-00	1	PARTS BAG MOUNTING	
99	910-0071-00	1	KIT-VALVE ASSEMBLY	5/8 SWT SUCTION
8	918-0097-00	1	HEATER-CRANKCASE KIT	120V 20W WRAP AROUND
8	918-0097-01	1	HEATER-CRANKCASE KIT	240V 20W WRAP AROUND
5	971-0604-19	1	PROTECTOR KIT	

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Accessories

<u>PartNumber</u>	<u>Description</u>
018-0097-00	Crankcase Heater, 120V
018-0097-01	Crankcase Heater, 240V
527-C001-00	Spacer Mounting Assembly

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
959		1/2"		3/8"		-	-	-	-	-	-

* 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.