

RST64C1E-IAV

HFC, R-404A, 60Hz, 1- Phase, 208/230 V

Extended Medium Temp



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)	<u>20 / 120</u>	<u>-10 / 120</u>
RG(°F)/Liq(°F)	<u>40 / 120</u>	<u>40 / 120</u>
Capacity (Btu/hr)	6680	3200
Power (Watts):	1475	1035
Current (Amps):	9.05	7.65
EER (Btu/Wh):	4.55	3.10
Mass Flow (lbs/hr):	160	73
Sound Power (dBA):	62 Avg	0 Max
Vibration (mils(peak-)	2.4 Avg	0.0 Max
Record Date:	2010-02-16	

Mechanical

Number of Cylinders:	1	Displ(in ³ /Rev):	1.37
Bore Size(in):	1.46	Displ(ft ³ /hr):	166.14
Stroke(in):	0.82		
Overall Length (in):	10.30	Mounting Length (in):	8.00
Overall Width (in):	7.10	Mounting Width (in):	4.80
Overall Height (in):	9.20	Mounting Height (in):	9.90 *
Suction Size (in):		3/8 Stub	
Discharge Size (in):		1/4 Stub	
Oil Recharge (oz):		13	
Initial Oil Charge (oz):		15	
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*:	43.0	MCC (Amps):	12.6	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	23-Jun-1972
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		9			
RLA(=MCC/1.56;use for breaker & wire size)		8.1			
*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>
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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	
1	914-0036-03	1	CAP START KIT	
8	918-0097-00	1	HEATER-CRANKCASE KIT	120V 20W WRAP AROUND
8	918-0097-01	1	HEATER-CRANKCASE KIT	240V 20W WRAP AROUND
3	940-0172-05	1	RELAY CURRENT KIT	
5	971-0604-14	1	PROTECTOR KIT	
99	998-0510-45	1	SERV VALVE KIT 5/8 SWT	SUCTION ROTALOCK

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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. OEM 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
201		3/8"		1/4"		Yes	-	-	-	-	-
202		3/8"		1/4"		-	-	-	-	-	-

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
901		3/8"		1/4"		Yes	-	-	-	-	-
902						-	-	-	-	-	-
959	Rotalock	1"		1/4"		-	-	-	-	-	-

* 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.