

RST97C1E-TA5

HFC, R-404A, 60Hz, 3- Phase, 200/230 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)	20 / 120	-10 / 120
RG(°F)/Liq(°F)	40.0 / 120.0	40.0 / 120.0
Capacity (Btu/hr)	9050	4350
Power (Watts):	1525	1095
Current (Amps):	4.85	3.95
EER (Btu/Wh):	5.90	4.00
Mass Flow (lbs/hr):	216	99
Sound Power (dBA):	75 Avg	79 Max
Vibration (mils(peak-peak)):		
Record Date:	2013-01-24	

Mechanical

Number of Cylinders:	1	Displ(in ³ /Rev):	1.60
Bore Size(in):	1.46	Displ(ft ³ /hr):	194.45
Stroke(in):	0.96		
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):	8.4	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	23-Jun-1972
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		6			
RLA(=MCC/1.56;use for breaker & wire size selection):		5.4			
*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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Electrical Components

External Protector				
Part No:	071-0604-19	Usage Description		
<u>Vendor Part Number</u>	<u>Vendor Name</u>			
T0926/K9	ELECTRICA			
Internal Protector				
Part No:	37HM404	Usage Description		
<u>Vendor Part Number</u>	<u>Vendor Name</u>			
	SENSATA			
Stator				
	MAT3262	Usage Description		
Resistance:	+/-5%	Line to Line:	2.75	Line to Wye: 1.60

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Accessories

<u>Category</u>	<u>PartNumber</u>	<u>Description</u>
Crankcase Heaters	018-0097-00	Crankcase Heater, 120V
	018-0097-01	Crankcase Heater, 240V
Mounting	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		1/2"		3/8"		Yes	-	-	-	-	-
202		1/2"		3/8"		-	-	-	-	-	-

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		1/2"		3/8"		Yes	-	-	-	-	-
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.