

# 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 <sup>3</sup> /Rev):	1.60
Bore Size(in):	1.46	Displ(ft <sup>3</sup> /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 <sup>3</sup> ):			
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

Refrigerant	Freq (Hz)	Phase	Voltage	Application
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