

RST70C1E-TA5

HFC, R-407C, 60 Hz, 3 -Phase, 200/230 V
High Temp



Production Status: Available for sale to all U.S. customers. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance

Evaporator Temp. (°F)	45	20
Condensing Temp. (°F)	130	120
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	130	120
Capacity (Btu/hr)	11300	7020
Power (W):	1240	994
Current (Amps):	4.60	3.90
EER (Btu/Wh):	9.20	7.10
Mass Flow (lbs/hr):	181	101
<u>Sound Data @</u>		
Sound Power (dBA):	72 Avg	75 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2012-02-16	

Mechanical

Displacment(in ³ /Rev):	1.25
Displacment(ft ³ /hr):	151.75
Overall Length (in):	10.30
Overall Width (in):	7.10
Overall Height (in):	9.80
Mounting Length (in):	8.00
Mounting Width (in):	4.80
Mounting Height (in):	10.40 *
Suction Size (in),Type:	1/2 Stub
Discharge Size (in),Type:	3/8 Stub
Initial Oil Charge (oz):	22
Oil Recharge (oz):	20
Net Weight (lbs):	39.0
Internal Free Volume (in ³):	
Horse Power:	

*Overall compressor height on Copeland Brand Product's specified mounting grommets.

Electrical

LRA-High*(Amp):	36.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	7.7
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	5.5
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	4.9
RPM:	
UL File No:	
UL File Date:	

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Capacitors

Alternate Applications

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Freq (Hz)</u>	<u>Application</u>
R-404A HFC	200/230	3	60	Extended Medium Temp
R-448A HFO	200/230	3	60	Medium Temperature
R-449A HFO	200/230	3	60	Medium Temperature