

## RST70C1-TA5

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

Medium Temperature



**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

Evaporator Temp. (°F)	20	0
Condensing Temp. (°F)	120	110
Return Gas Temp. (°F)	40	40
Liquid Temp. (°F)	120	110
Capacity (Btu/hr)	7310	4860
Power (W):	1050	866
Current (Amps):	3.80	3.30
EER (Btu/Wh):	7.00	5.60
Mass Flow (lbs/hr):	114	71
<u>Sound Data @</u>		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2012-01-27	

### Electrical

LRA-High*(Amp):	36.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	6.8
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	4.9
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	4.4
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.	

### Mechanical

Displacment(in <sup>3</sup> /Rev):	1.25
Displacment(ft <sup>3</sup> /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 <sup>3</sup> ):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

### Capacitors

### Alternate Applications

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Freq (Hz)</u>	<u>Application</u>
R-22 HCFC	200/230	3	60	High Temp