

# RST64C1-CAV

HCFC, R-22, 60 Hz, 1 -Phase, 208/230 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)	6640	4230
Power (W):	1220	925
Current (Amps):	6.05	4.65
EER (Btu/Wh):	5.45	4.60
Mass Flow (lbs/hr):	104	62
<u>Sound Data @</u>		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2011-11-04	

## Mechanical

Displacement(in <sup>3</sup> /Rev):	1.37
Displacement(ft <sup>3</sup> /hr):	166.14
Overall Length (in):	10.30
Overall Width (in):	7.10
Overall Height (in):	9.20
Mounting Length (in):	8.00
Mounting Width (in):	4.80
Mounting Height (in):	9.90 *
Suction Size (in),Type:	1 Rotolo
Discharge Size (in),Type:	1/4 Stub
Initial Oil Charge (oz):	15
Oil Recharge (oz):	13
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.	

## Electrical

LRA-High*(Amp):	43.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	12.6
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	9.0
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	8.1
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

Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	014-0061-20	72.0	86.0	330	
Run Capacitor	014-0064-10	20.0	0.0	440	

## Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-22 HCFC	208/230	1	60	High Temp