

RST55C1E-CAA

HFC, R-407C, 60 Hz, 1 -Phase, 115 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)	8520	5160
Power (W):	1110	835
Current (Amps):	11.00	8.40
EER (Btu/Wh):	7.70	6.20
Mass Flow (lbs/hr):	135	74
Sound Data @		
Sound Power (dBA):	62 Avg	66 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2011-08-01	

Electrical

LRA-High*(Amp):	70.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	21.0
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	15.0
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	13.5
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^3/Rev):	1.06
Displacment(ft^3/hr):	129.13
Overall Length (in):	10.30
Overall Width (in):	7.10
Overall Height (in):	8.69
Mounting Length (in):	8.00
Mounting Width (in):	4.80
Mounting Height (in):	9.31 *
Suction Size (in),Type:	3/8 Stub
Discharge Size (in),Type:	1/4 Stub
Initial Oil Charge (oz):	15
Oil Recharge (oz):	13
Net Weight (lbs):	38.0
Internal Free Volume (in^3):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Capacitors

Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	014-0061-32	243.0	292.0	165	
Run Capacitor	014-0064-13	35.0	0.0	440	

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-404A HFC	115	1	60	Extended Medium Temp
R-448A HFO	115	1	60	Medium Temperature
R-449A HFO	115	1	60	Medium Temperature