RST45C1E-CAA

HFC, R-404A, 60Hz, 1- Phase, 115 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)	4250	1890
Power (Watts):	830	575
Current (Amps):	7.80	5.60
EER (Btu/Wh):	5.10	3.30
Mass Flow (lbs/hr):	101	43
Sound Power (dBA):	62 Avg	68 Max
Vibration (mils(peak-peak)):		
Record Date:	2013-01-24	

Mechanical

Number of Cylinders:	1	Displ(in^3/Rev):	0.89
Bore Size(in):	1.34	Displ(ft^3/hr):	107.75
Stroke(in):	0.62		
Overall Length (in):	10.30	Mounting Length (in):	8.00
Overall Width (in):	7.10	Mounting Width (in):	4.80
Overall Height (in):	8.69	Mounting Height (in):	9.31 *

Suction Size (in):	3/8 Stub
Discharge Size (in):	1/4 Stub
Oil Recharge (oz):	13
Initial Oil Charge (oz):	15
Net Weight (lbs):	37.2
Internal Free Volume (in^3):	
Horse Power:	

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

Electrical

LRA-High*:	54.5	MCC (Amps):	14.7	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): 10.5
RLA(=MCC/1.56;use for breaker & wire size selection): 9.4

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

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	Freq (Hz)	Phase	Voltage	Application
R-407C HFC	60	1	115	High Temp

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