

RS43C1E-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)	<u>20 / 120</u>	<u>-10 / 120</u>
RG(°F)/Liq(°F)	<u>40 / 120</u>	<u>40 / 120</u>
Capacity (Btu/hr)	4110	1630
Power (Watts):	905	558
Current (Amps):	9.50	7.20
EER (Btu/Wh):	4.50	2.90
Mass Flow (lbs/hr):	99	37
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-)	0.0 Avg	0.0 Max
Record Date:	2004-09-13	

Mechanical

Number of Cylinders:	1	Displ(in ³ /Rev):	0.93
Bore Size(in):	1.38	Displ(ft ³ /hr):	112.78
Stroke(in):	0.62		
Overall Length (in):	11.12	Mounting Length (in):	8.00
Overall Width (in):	6.62	Mounting Width (in):	4.81
Overall Height (in):	11.25	Mounting Height (in):	11.62 *
Suction Size (in):		1/2 Stub	
Discharge Size (in):		3/8 Stub	
Oil Recharge (oz):		20	
Initial Oil Charge (oz):		24	
Net Weight (lbs):		51	
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	51.0	MCC (Amps):	14.2	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	23-Jun-1972
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		10.1			
RLA(=MCC/1.56;use for breaker & wire size)		9.1			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-404A HFC	50	1	100	