RS97C2E-CAV

HFC, R-404A, 60Hz, 1- Phase, 208/230 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 / 120	40 / 120
Capacity (Btu/hr)	9080	3620
Power (Watts):	1910	1230
Current (Amps):	9.40	7.00
EER (Btu/Wh):	4.70	2.90
Mass Flow (lbs/hr):	217	83
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-	0.0 Avg	0.0 Max
Record Date:	2004-09-09	

Mechanical

Number of Cylinders:	1	Displ(in^3/Rev):	2.02
Bore Size(in):	1.69	Displ(ft^3/hr):	245.34
Stroke(in):	0.90		
Overall Length (in):	11.12	Mounting Length (in):	8.00
Overall Width (in):	6.62	Mounting Width (in):	4.81
Overall Height (in):	10.75	Mounting Height (in):	11.00 *

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):	15.4	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):		11			
RLA(=MCC/1.56;use for breaker & wire size		9.9			

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

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-404A HFC	50	1	200	
R-404A HFC	50	1	200	UL Medium Temp
R-404A HFC	50	1	200	UL Medium Temp

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