

## RS54C2E-IAV

HFC, R-134a, 60Hz, 1- Phase, 208/230 V  
Medium Temperature



**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	0 / 110
RG(°F)/Liq(°F)	40 / 120	40 / 110
Capacity (Btu/hr)	5400	3110
Power (Watts):	1080	776
Current (Amps):	6.90	5.90
EER (Btu/Wh):	5.00	4.00
Mass Flow (lbs/hr):	94	50
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-avg))	0.0 Avg	0.0 Max
Record Date:	2004-05-28	

### Mechanical

Number of Cylinders:	1	Displ(in^3/Rev):	2.01
Bore Size(in):	1.69	Displ(ft^3/hr):	244.47
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*:	33.5	MCC (Amps):	9.5	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):		6.8			
RLA(=MCC/1.56;use for breaker & wire size)		6.1			
*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-134a HFC	50	1	200	