

# ARE37C3E-SAA

HFC, R-134a, 60Hz, 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

Evap(°F)/Cond(°F)	45 / 130	20 / 120
RG(°F)/Liq(°F)	65.0 / 130.0	65.0 / 120.0
Capacity (Btu/hr)	3620	2100
Power (Watts):	600	433
Current (Amps):	6.80	5.60
EER (Btu/Wh):	6.00	4.80
Mass Flow (lbs/hr):	63	33
Sound Power (dBA):	57 Avg	60 Max
Vibration (mils(peak-peak)):		
Record Date:	1999-07-08	

## Mechanical

Number of Cylinders:	1	Displ(in <sup>3</sup> /Rev):	0.74
Bore Size(in):	1.09	Displ(ft <sup>3</sup> /hr):	89.90
Stroke(in):	0.79		
Overall Length (in):	10.50	Mounting Length (in):	6.50
Overall Width (in):	6.40	Mounting Width (in):	4.00
Overall Height (in):	7.40	Mounting Height (in):	7.80 *
Suction Size (in):		5/16 Stub	
Discharge Size (in):		1/4 Stub	
Oil Recharge (oz):		10	
Initial Oil Charge (oz):		12	
Net Weight (lbs):		24	
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	35.00	MCC (Amps):	10.08	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	03-Mar-1999
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		7.2			
RLA(=MCC/1.56;use for breaker & wire size selection):		6.5			
*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>
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