

# EAVA-021E-TAC

HFC, R-404A, 60Hz, 3- Phase, 208/230 V

Low 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)	-25 / 105	-40 / 105
RG(°F)/Liq(°F)	65.0 / 105.0	65.0 / 105.0
Capacity (Btu/hr)	6970	3790
Power (Watts):	1620	1170
Current (Amps):	5.60	4.70
EER (Btu/Wh):	4.30	3.20
Mass Flow (lbs/hr):	124	67
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	2004-10-18	

## Mechanical

Number of Cylinders:	2	Displ(in <sup>3</sup> /Rev):	7.26
Bore Size(in):	2.00	Displ(ft <sup>3</sup> /hr):	441.34
Stroke(in):	1.16		
Overall Length (in):	16.69	Mounting Length (in):	10.06
Overall Width (in):	12.00	Mounting Width (in):	10.50
Overall Height (in):	12.78	Mounting Height (in):	13.81 *
Suction Size (in):		7/8 Sweat	
Discharge Size (in):		1/2 Flare	
Oil Recharge (oz):		55	
Initial Oil Charge (oz):		60	
Net Weight (lbs):		168	
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	50.0	MCC (Amps):	10.3	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	10-Sep-1984
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		7.4			
RLA(=MCC/1.56;use for breaker & wire size selection):		6.6			
*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-12 CFC	50	3	200/220	UL High Temp
R-12 CFC	50	3	200/220	Medium Temperature
R-22 HCFC	50	3	200/220	Low Temperature
R-502 CFC	50	3	200/220	Low Temperature
R-134a HFC	50	3	200/220	High Temp
R-134a HFC	50	3	200/220	
R-404A HFC	50	3	200/220	Low Temperature
R-507 HFC	50	3	200/220	Low Temperature
R-448A HFO	50	3	200/220	
R-449A HFO	50	3	200/220	

## Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-12 CFC	60	3	208/230	
R-12 CFC	60	3	208/230	Medium Temperature
R-22 HCFC	60	3	208/230	Low Temperature
R-502 CFC	60	3	208/230	Low Temperature
R-134a HFC	60	3	208/230	High Temp
R-134a HFC	60	3	208/230	UL Medium Temp
R-507 HFC	60	3	208/230	Low Temperature
R-448A HFO	60	3	208/230	
R-449A HFO	60	3	208/230	