

# EAV1-015A-TAC

CFC, R-12, 60 Hz, 3 -Phase, 208/230 V  
Low Temperature



**Production Status:** This compressor and/or application of this compressor is not available to U.S. OEM customers. A field replacement is currently available through a U.S. Emerson Climate Technologies Wholesaler. Please check with your local Emerson Climate Technologies Representative for international availability.

## Performance

Evaporator Temp. (°F)	-25	-40
Condensing Temp. (°F)	105	105
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	105	105
Capacity (Btu/hr)	3950	1760
Power (W):	1060	833
Current (Amps):	3.80	3.00
EER (Btu/Wh):	3.70	2.10
Mass Flow (lbs/hr):	72	32
<u>Sound Data @</u>		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2006-09-20	

## Mechanical

Displacment(in <sup>3</sup> /Rev):	7.26
Displacment(ft <sup>3</sup> /hr):	441.34
Overall Length (in):	16.69
Overall Width (in):	12.00
Overall Height (in):	12.78
Mounting Length (in):	10.06
Mounting Width (in):	10.50
Mounting Height (in):	13.81 *
Suction Size (in),Type:	7/8 Sweat
Discharge Size (in),Type:	1/2 Flare
Initial Oil Charge (oz):	60
Oil Recharge (oz):	55
Net Weight (lbs):	167.0
Internal Free Volume (in <sup>3</sup> ):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

## Electrical

LRA-High*(Amp):	38.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	7.9
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	5.6
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	5.1
RPM:	
UL File No:	
UL File Date:	1984-09-10
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

## Capacitors

## Alternate Applications

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Freq (Hz)</u>	<u>Application</u>
R-12 CFC	200/220	3	50	Low Temperature