

# CAA1-007A-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)	2580	1360
Power (W):	595	433
Current (Amps):	2.40	2.10
EER (Btu/Wh):	4.30	3.10
Mass Flow (lbs/hr):	47	25
Sound Data @		
Sound Power (dBA):		
Vibration mils(peak-peak):		4.8 Max
Record Date:	2006-09-21	

## Mechanical

Displacement(in <sup>3</sup> /Rev):	4.20
Displacement(ft <sup>3</sup> /hr):	255.09
Overall Length (in):	14.38
Overall Width (in):	9.50
Overall Height (in):	10.44
Mounting Length (in):	8.19
Mounting Width (in):	6.38
Mounting Height (in):	11.19 *
Suction Size (in),Type:	5/8 Flare
Discharge Size (in),Type:	3/8 Flare
Initial Oil Charge (oz):	22
Oil Recharge (oz):	20
Net Weight (lbs):	78.0
Internal Free Volume (in <sup>3</sup> ):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

## Electrical

LRA-High*(Amp):	19.9
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	3.6
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	2.6
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	2.3
RPM:	
UL File No:	
UL File Date:	1984-07-23
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

## Capacitors

## Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
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