

# KAR2-010A-CAA

HCFC, R-22, 60 Hz, 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

Evaporator Temp. (°F)	45	20
Condensing Temp. (°F)	130	120
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	130	120
Capacity (Btu/hr)	11900	7360
Power (W):	1670	1280
Current (Amps):	17.30	13.60
EER (Btu/Wh):	7.10	5.80
Mass Flow (lbs/hr):	188	108
Sound Data @		
Sound Power (dBA):		
Vibration mils(peak-peak):		4.8 Max
Record Date:	2007-01-04	

## Mechanical

Displacment(in <sup>3</sup> /Rev):	2.59
Displacment(ft <sup>3</sup> /hr):	157.52
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:	1/2 Flare
Initial Oil Charge (oz):	22
Oil Recharge (oz):	20
Net Weight (lbs):	85.0
Internal Free Volume (in <sup>3</sup> ):	
Horse Power:	

\*Overall compressor height on Copeland Brand Product's specified mounting grommets.

## Electrical

LRA-High*(Amp):	93.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	21.5
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	15.4
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	13.8
RPM:	
UL File No:	SA-2337
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

Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	014-0061-05	430.0	516.0	125	
Run Capacitor	014-0064-08	40.0	0.0	370	

## Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-502 CFC	115	1	60	UL Medium Temp