

# KAMB-007E-CAA

HFC, R-404A, 60Hz, 1- Phase, 115 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)	2800	1750
Power (Watts):	730	578
Current (Amps):	8.00	6.80
EER (Btu/Wh):	3.80	3.00
Mass Flow (lbs/hr):	50	31
Sound Power (dBA):		
Vibration (mils(peak-peak)):		4.76 Max
Record Date:	1994-08-31	

## Mechanical

Number of Cylinders:	2	Displ(in <sup>3</sup> /Rev):	2.79
Bore Size(in):	1.38	Displ(ft <sup>3</sup> /hr):	169.26
Stroke(in):	0.94		
Overall Length (in):	14.38	Mounting Length (in):	8.19
Overall Width (in):	9.50	Mounting Width (in):	6.38
Overall Height (in):	10.44	Mounting Height (in):	11.19 *
Suction Size (in):		5/8 Flare	
Discharge Size (in):		3/8 Flare	
Oil Recharge (oz):		20	
Initial Oil Charge (oz):		22	
Net Weight (lbs):		87	
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	85.5	MCC (Amps):	15.3	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	23-Jul-1984
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		10.9			
RLA(=MCC/1.56;use for breaker & wire size selection):		9.8			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					
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	Freq (Hz)	Phase	Voltage	Application
R-22 HCFC	60	1	115	Low Temperature
R-502 CFC	60	1	115	UL Low Temp
R-448A HFO	60	1	115	
R-449A HFO	60	1	115	