

# KAMA-007E-TAC



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

Evap(°F)/Cond(°F)	20 / 120	0 / 110
RG(°F)/Liq(°F)	65.0 / 120.0	65.0 / 110.0
Capacity (Btu/hr)	5010	3140
Power (Watts):	781	632
Current (Amps):	3.10	2.80
EER (Btu/Wh):	6.40	5.00
Mass Flow (lbs/hr):	100	59
Sound Power (dBA):		
Vibration (mils(peak-peak)):		4.76 Max
Record Date:	2006-10-13	

## 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*:	19.9	MCC (Amps):	4.5	UL File No:	
LRA-Half Winding:		RPM:	3500	UL File Date:	23-Jul-1984
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		3.2			
RLA(=MCC/1.56;use for breaker & wire size selection):		2.9			
*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	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-404A HFC	50	3	200/220	Low Temperature
R-507 HFC	50	3	200/220	Low Temperature
R-12 CFC	60	3	208/230	UL High Temp
R-22 HCFC	60	3	208/230	Low Temperature
R-502 CFC	60	3	208/230	Low Temperature
R-404A HFC	60	3	208/230	Low Temperature

## Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-507 HFC	60	3	208/230	Low Temperature