

# KAEA-007E-TAC

HCFC, R-22, 50Hz, 3- Phase, 200/220 V

Medium 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)	20 / 120	0 / 110
RG(°F)/Liq(°F)	65.0 / 120.0	50.0 / 95.0
Capacity (Btu/hr)	5080	3300
Power (Watts):	762	587
Current (Amps):	2.80	2.40
EER (Btu/Wh):	6.70	5.60
Mass Flow (lbs/hr):	74	46
Sound Power (dBA):		
Vibration (mils(peak-peak)):		4.76 Max
Record Date:	2007-01-03	

## Mechanical

Number of Cylinders:	2	Displ(in <sup>3</sup> /Rev):	2.21
Bore Size(in):	1.50	Displ(ft <sup>3</sup> /hr):	111.21
Stroke(in):	0.62		
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):		1/2 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):	4.7	UL File No:	SA-2337
LRA-Half Winding:		RPM:	2900	UL File Date:	23-Jul-1984
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		3.4			
RLA(=MCC/1.56;use for breaker & wire size selection):		3			
*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-404A HFC	60	3	208/230	Low Temperature
R-502 CFC	50	3	200/220	UL Low Temp
R-404A HFC	50	3	200/220	Low Temperature
R-507 HFC	50	3	200/220	Low Temperature
R-22 HCFC	60	3	208/230	
R-502 CFC	60	3	208/230	UL Low Temp
R-404A HFC	60	3	208/230	Low Temp, Low Condensing
R-507 HFC	60	3	208/230	Low Temperature