

# ERFA-031E-TAC

HFC, R-404A, 60Hz, 3- Phase, 208/230 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	65.0 / 110.0
Capacity (Btu/hr)	22300	15400
Power (Watts):	3460	2700
Current (Amps):	10.30	8.50
EER (Btu/Wh):	6.40	5.70
Mass Flow (lbs/hr):	471	292
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	2006-10-18	

## Mechanical

Number of Cylinders:	2	Displ(in <sup>3</sup> /Rev):	7.59
Bore Size(in):	1.88	Displ(ft <sup>3</sup> /hr):	461.38
Stroke(in):	1.38		
Overall Length (in):	17.69	Mounting Length (in):	10.06
Overall Width (in):	12.00	Mounting Width (in):	10.50
Overall Height (in):	12.91	Mounting Height (in):	13.94 *
Suction Size (in):	1 1/8 Sweat		
Discharge Size (in):	5/8 Flare		
Oil Recharge (oz):	55		
Initial Oil Charge (oz):	60		
Net Weight (lbs):	178		
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	82.0	MCC (Amps):	17.4	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	10-Sep-1984
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):			12.4		
RLA(=MCC/1.56;use for breaker & wire size selection):			11.2		
*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-22 HCFC	50	3	200/220	High Temp
R-22 HCFC	50	3	200/220	
R-502 CFC	50	3	200/220	Medium Temperature
R-404A HFC	50	3	200/220	Medium Temperature
R-507 HFC	50	3	200/220	
R-448A HFO	50	3	200/220	
R-449A HFO	50	3	200/220	
R-22 HCFC	60	3	208/230	High Temp
R-22 HCFC	60	3	208/230	
R-502 CFC	60	3	208/230	

## 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	
R-448A HFO	60	3	208/230	
R-449A HFO	60	3	208/230	