

# ERCA-021E-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)	14900	10200
Power (Watts):	2400	1860
Current (Amps):	7.00	5.70
EER (Btu/Wh):	6.20	5.50
Mass Flow (lbs/hr):	314	194
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	2004-09-17	

## Mechanical

Number of Cylinders:	2	Displ(in <sup>3</sup> /Rev):	5.56
Bore Size(in):	1.75	Displ(ft <sup>3</sup> /hr):	337.90
Stroke(in):	1.16		
Overall Length (in):	16.69	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):	7/8 Sweat		
Discharge Size (in):	5/8 Flare		
Oil Recharge (oz):	0		
Initial Oil Charge (oz):	0		
Net Weight (lbs):	153		
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	46.0	MCC (Amps):	12.3	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):		8.8			
RLA(=MCC/1.56;use for breaker & wire size selection):		7.9			
*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-22 HCFC	50	3	200/220	Medium Temperature
R-404A HFC	50	3	200/220	Medium Temperature
R-507 HFC	50	3	200/220	
R-22 HCFC	60	3	208/230	Medium Temperature
R-507 HFC	60	3	208/230	