

ERFA-031E-TAC

HCFC, R-22, 60Hz, 3- Phase, 208/230 V

High Temp



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)	45 / 130	20 / 120
RG(°F)/Liq(°F)	65.0 / 130.0	65.0 / 120.0
Capacity (Btu/hr)	35200	21800
Power (Watts):	3840	3020
Current (Amps):	11.60	9.50
EER (Btu/Wh):	9.20	7.20
Mass Flow (lbs/hr):	555	320
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	2006-12-22	

Mechanical

Number of Cylinders:	2	Displ(in ³ /Rev):	7.59
Bore Size(in):	1.88	Displ(ft ³ /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 ³):			
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	
R-507 HFC	50	3	200/220	
R-22 HCFC	60	3	208/230	
R-502 CFC	60	3	208/230	
R-507 HFC	60	3	208/230	
R-404A HFC	50	3	200/220	Medium Temperature
R-404A HFC	60	3	208/230	Medium Temperature
R-502 CFC	50	3	200/220	Medium Temperature
R-22 HCFC	50	3	200/220	High Temp