

ERFA-031E-TAD

HCFC, R-22, 60 Hz, 3- Phase, 460 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 (W):	3840	3020
Current (Amps):	5.80	4.80
EER (Btu/Wh):	9.20	7.20
Mass Flow (lbs/hr):	555	320
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-)	0.0 Avg	0.0 Max
Record Date:	2006-12-22	

Mechanical

Number of Cylinders:	2	Displacment(in ³ /Rev):	7.59
Bore Size(in):	1.88	Displacment(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),Type:	1 1/8 Sweat		
Discharge Size (in),Type:	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*(Amp):	41.0	MCC (Amps):	8.1	UL File No:	SA-2337
LRA-Half Winding		RPM:		UL File Date:	10-Sep-1984
LRA Low* (Amp):		Max Operating Current			
RLA, MCC/1.4;use for contactor selection (Amp):		5.8			
RLA, MCC/1.56;use for breaker & wire size selection		5.2			
*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-404A HFC	60	3	460	Medium Temperature
R-404A HFC	50	3	380/400	Medium Temperature
R-22 HCFC	60	3	460	UL Medium Temp
R-22 HCFC	50	3	380/400	High Temp
R-22 HCFC	50	3	380/400	UL Medium Temp
R-502 CFC	50	3	380/400	Medium Temperature
R-448A HFO	60	3	460	Medium Temperature
R-448A HFO	50	3	380/400	Medium Temperature
R-449A HFO	60	3	460	Medium Temperature
R-449A HFO	50	3	380/400	Medium Temperature