

ERCA-021E-TAC

HCFC, R-22, 60 Hz, 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	50.0 / 95.0
Capacity (Btu/hr)	14500	8900
Power (W):	2020	1520
Current (Amps):	6.10	4.80
EER (Btu/Wh):	7.20	5.90
Mass Flow (lbs/hr):	212	123
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-)	0.0 Avg	0.0 Max
Record Date:	2007-03-15	

Mechanical

Number of Cylinders:	2	Displacment(in ³ /Rev):	5.56
Bore Size(in):	1.75	Displacment(ft ³ /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),Type:	7/8 Sweat		
Discharge Size (in),Type:	5/8 Flare		
Oil Recharge (oz):	0		
Initial Oil Charge (oz):	0		
Net Weight (lbs):	153		
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*(Amp):	46.0	MCC (Amps):	9.3	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):	6.6				
RLA, MCC/1.56;use for breaker & wire size selection	6				
*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	50	3	200/220	Medium Temperature
R-404A HFC	60	3	208/230	Medium Temperature
R-22 HCFC	50	3	200/220	Medium Temperature
R-448A HFO	50	3	200/220	Medium Temperature
R-448A HFO	60	3	208/230	Medium Temperature
R-449A HFO	50	3	200/220	Medium Temperature
R-449A HFO	60	3	208/230	Medium Temperature