

ERCA-020A-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

Evaporator Temp. (°F)	20	0
Condensing Temp. (°F)	120	110
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	120	110
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
<u>Sound Data @</u>		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2002-07-30	

Mechanical

Displacment(in ³ /Rev):	5.56
Displacment(ft ³ /hr):	337.90
Overall Length (in):	16.06
Overall Width (in):	12.00
Overall Height (in):	12.91
Mounting Length (in):	10.06
Mounting Width (in):	10.50
Mounting Height (in):	13.94 *
Suction Size (in),Type:	7/8 Sweat
Discharge Size (in),Type:	5/8 Flare
Initial Oil Charge (oz):	60
Oil Recharge (oz):	55
Net Weight (lbs):	153.0
Internal Free Volume (in ³):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical

LRA-High*(Amp):	46.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	8.8
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	6.3
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	5.6
RPM:	
UL File No:	SA-2337
UL File Date:	1984-09-10
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

Capacitors

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-22 HCFC	200/220	3	50	Medium Temperature
R-22 HCFC	208/230	3	60	Medium Temperature
R-22 HCFC	200/220	3	50	Medium Temperature
R-502 CFC	200/220	3	50	Medium Temperature
R-502 CFC	208/230	3	60	Medium Temperature