

ERFB-031E-CAB

HFC, R-404A, 60 Hz, 1 -Phase, 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)	21900	15000
Power (W):	3620	2850
Current (Amps):	16.20	12.70
EER (Btu/Wh):	6.00	5.30
Mass Flow (lbs/hr):	462	285
<u>Sound Data @</u>		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2002-08-12	

Electrical

LRA-High*(Amp):	86.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	23.8
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	17.0
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	15.3
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.	

Mechanical

Displacment(in^3/Rev):	7.59
Displacment(ft^3/hr):	461.38
Overall Length (in):	17.69
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:	1 1/8 Sweat
Discharge Size (in),Type:	5/8 Flare
Initial Oil Charge (oz):	60
Oil Recharge (oz):	55
Net Weight (lbs):	178.0
Internal Free Volume (in^3):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Capacitors

Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	014-0061-30	130.0	156.0	330	
Run Capacitor	014-0064-14	40.0	0.0	440	

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-502 CFC	230	1	60	Medium Temperature
R-448A HFO	230	1	60	Medium Temperature
R-449A HFO	230	1	60	Medium Temperature