

LACB-032E-CAB

HFC, R-404A, 60 Hz, 1 -Phase, 230 V

Extra-Low 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)	-25	-40
Condensing Temp. (°F)	105	105
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	105	105
Capacity (Btu/hr)	14700	8320
Power (W):	3370	2600
Current (Amps):	15.80	12.60
EER (Btu/Wh):	4.40	3.20
Mass Flow (lbs/hr):	264	148
<u>Sound Data @</u>		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	1994-10-24	

Electrical

LRA-High*(Amp):	105.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	21.7
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	15.5
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	13.9
RPM:	
UL File No:	SA-2337
UL File Date:	1961-05-17
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

Mechanical

Displacment(in^3/Rev):	13.43
Displacment(ft^3/hr):	815.79
Overall Length (in):	18.63
Overall Width (in):	14.00
Overall Height (in):	14.72
Mounting Length (in):	11.63
Mounting Width (in):	11.00
Mounting Height (in):	15.75 *
Suction Size (in),Type:	1 1/8 Sweat
Discharge Size (in),Type:	5/8 Flare
Initial Oil Charge (oz):	80
Oil Recharge (oz):	75
Net Weight (lbs):	201.0
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	014-0006-13	189.0	227.0	330	
Run Capacitor	014-0064-18	60.0	0.0	440	

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-448A HFO	230	1	60	Extra-Low Temperature
R-449A HFO	230	1	60	Extra-Low Temperature