

LACA-032E-TAD

HFO, R-448A, 60 Hz, 3 -Phase, 460 V
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)	11800	5040
Power (W):	2590	1600
Current (Amps):	5.10	4.30
EER (Btu/Wh):	4.60	3.10
Mass Flow (lbs/hr):	160	68
<u>Sound Data @</u>		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2016-08-16	

Mechanical

Displacement(in ³ /Rev):	13.43
Displacement(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.	

Electrical

LRA-High*(Amp):	56.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	8.4
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	6.0
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	5.4
RPM:	
UL File No:	
UL File Date:	
*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-404A HFC	460	3	60	Extra-Low Temperature
R-404A HFC	460	3	60	UL Low Temp
R-404A HFC	380/400	3	50	UL Low Temp
R-448A HFO	380/400	3	50	Low Temperature
R-449A HFO	460	3	60	Low Temperature
R-449A HFO	380/400	3	50	Low Temperature