

LACA-032E-TAD

HFO, R-449A, 60 Hz, 3 - Phase, 460 V [. Also Available with Variable Frequency Drives](#)

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			Mechanical	
Evaporator Temp. (°F)	-25.00	-40	Displacement (in ³ /Rev):	13.43
Condensing Temp. (°F)	105.00	105	Displacement (ft ³ /Hr):	
Return Gas Temp. (°F)	65.00	65	Overall Length (in):	18.63
Liquid Temp. (°F)	105.00	105	Overall Width (in):	14.00
Capacity (BTU/hr)	11800	5040	Overall Height (in):	14.72
Power (W):	2590	1600	Mounting Length (in):	11.63
Current (Amps):	5.1	4.3	Mounting Width (in):	11.00
EER(BTU/Wh):	4.6	3.1	Mounting Height (in):	15.75
Mass Flow (lbs/hr):	160	68	Suction Size (in),Type:	1 1 / 8 Sweat
Sound Data @			Discharge Size (in),Type:	5 / 8 Flare
Sound Power (dBA):	0 Avg	0 Max	Initial Oil Charge (oz):	80
Vibration mils(peak-peak):	0.0 Avg	0.0 Max	Oil Recharge (oz):	75
Record Date:	2017-03-21		Oil Type:	POE
			Net Weight (lbs):	201.0
			Internal Free Volume (in ³):	
			Horse Power:	
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors				
LRA High* (Amps):	56.0	Type	Part No	Low MFD	High MFD	Volts User Description
LRA Low*(Amps):		No data available in table				
LRA Half Winding (Amps):						
MCC (Amps):	8.4					
Max Operating Current (Amps):						
RLA, MCC/1.4(use for contactor selection)(Amps):	6.0					
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	5.4					
RPM:						
Box IP :						
UL File No:						
UL File Date:						

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	Application
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R-404A HFC	460	3	60	Extra-Low Temperature
R-448A HFO	460	3	60	Low Temperature
R-448A HFO	380/400	3	50	Low Temperature
R-449A HFO	380/400	3	50	Low Temperature