

# LALA-032E-TAC



HFC, R-404A, Mid Point, 60 Hz, 3 - Phase, 208/230 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

Evap(°F)/Cond(°F)	-25/105	-40/105
RG(°F)/Liq(°F)	65/105	65/105
Capacity (Btu/hr):	13000	7460
Power (Watts):	2930	2180
Current (Amps):	10.5	9
EER (Btu/Wh):	4.4	3.4
Mass Flow (lbs/hr):	234.0	133.0
Sound Power(dBA):	0 Ave 0 Max	
Vibration (mils(peak-peak)):	0.0 Ave 0.0 Max	

## Mechanical

Number of Cylinders:	2	Displ (in <sup>3</sup> /Rev):	12.741
Bore Size (in):	2.375	Displ (ft <sup>3</sup> /hr):	774.1752
Stroke (in):	1.438		
Overall Length (in):	18.63	Mounting Length (in):	11.63
Overall Width (in):	14.0	Mounting Width(in):	11.0
Overall Height (in):	14.72	Mounting Height (in):	15.75*
Suction Size (in):	1 1/8 Sweat		
Discharge Size (in):	5/8 Flare		
Initial Oil Charge (oz):	80		
Oil Recharge (oz):	75		
Net Weight (lbs):	201.0		
Internal Free Volume (in <sup>3</sup> ):			
HorsePower			
* Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	112.0	MCC (Amps):	17.6	UL File No.:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	17-May-1961
LRA-Low*:		Max Operating Current:		CSA File No.:	LR3104C
RLA(=MCC/1.4; use for contactor selection):	12.6				
RLA ( =MCC/1.56; use for breaker & wire size selection):	11.3				
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

## Alternate Applications

Refrigerant	Frequency(Hz)	Phase	Voltage	Application
R-404A HFC	50	3	200/220	Low Temperature
R-507 HFC	50	3	200/220	Low Temperature
R-507 HFC	60	3	208/230	Low Temperature

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