

# LAHA-031A-TAD

HCFC, R-22, 60Hz, 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

Evap(°F)/Cond(°F)	-25 / 105	-40 / 105
RG(°F)/Liq(°F)	65.0 / 105.0	65.0 / 105.0
Capacity (Btu/hr)	9840	5270
Power (Watts):	2080	1500
Current (Amps):	3.80	3.30
EER (Btu/Wh):	4.70	3.50
Mass Flow (lbs/hr):	132	70
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	2007-03-16	

## Mechanical

Number of Cylinders:	2	Displ(in <sup>3</sup> /Rev):	11.44
Bore Size(in):	2.25	Displ(ft <sup>3</sup> /hr):	694.83
Stroke(in):	1.44		
Overall Length (in):	18.63	Mounting Length (in):	11.63
Overall Width (in):	14.00	Mounting Width (in):	11.00
Overall Height (in):	14.72	Mounting Height (in):	15.75 *
Suction Size (in):	1 1/8 Sweat		
Discharge Size (in):	5/8 Flare		
Oil Recharge (oz):	75		
Initial Oil Charge (oz):	80		
Net Weight (lbs):	201		
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	41	MCC (Amps):	7.2	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	17-May-1961
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):			5.1		
RLA(=MCC/1.56;use for breaker & wire size selection):			4.6		
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

## Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-12 CFC	60	3	460	High Temp
R-12 CFC	60	3	460	UL Medium Temp
R-502 CFC	60	3	460	Low Temperature
R-12 CFC	50	3	380/400	High Temp
R-12 CFC	50	3	380/400	
R-22 HCFC	50	3	380/400	Low Temperature
R-502 CFC	50	3	380/400	Low Temperature