

LACA-032E-TAD

HFC, R-404A, 60Hz, 3- Phase, 460 V
Extra-Low Temperature



Production Status: This model is obsolete and is no longer in production for both OEM and service replacement. Please contact Customer Service about possible replacement models.

Performance

Evap(°F)/Cond(°F)	-25 / 105	-40 / 105
RG(°F)/Liq(°F)	65.0 / 105.0	65.0 / 105.0
Capacity (Btu/hr)	14600	8130
Power (Watts):	3070	2200
Current (Amps):	5.40	4.60
EER (Btu/Wh):	4.80	3.70
Mass Flow (lbs/hr):	262	145
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	1994-01-25	

Mechanical

Number of Cylinders:	2	Displ(in ³ /Rev):	13.43
Bore Size(in):	2.44	Displ(ft ³ /hr):	815.79
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 ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	56.0	MCC (Amps):	8.4	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):			6		
RLA(=MCC/1.56;use for breaker & wire size selection):			5.4		
*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-134a HFC	60	3	460	
R-404A HFC	60	3	460	UL Low Temp
R-507 HFC	60	3	460	
R-134a HFC	50	3	380/400	
R-404A HFC	50	3	380/400	UL Low Temp
R-507 HFC	50	3	380/400	