

LAMA-031A-TAD

CFC, R-12, 60Hz, 3- Phase, 460 V

Low Temperature



Production Status: This compressor and/or application of this compressor is not available to U.S. OEM customers. A field replacement is currently available through a U.S. Emerson Climate Technologies Wholesaler. 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)	9250	4760
Power (Watts):	2150	1630
Current (Amps):	3.20	2.50
EER (Btu/Wh):	4.30	2.90
Mass Flow (lbs/hr):	168	86
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	2006-08-02	

Mechanical

Number of Cylinders:	2	Displ(in ³ /Rev):	15.76
Bore Size(in):	2.44	Displ(ft ³ /hr):	957.62
Stroke(in):	1.69		
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):	310		
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	41.0	MCC (Amps):	6.6	UL File No:	
LRA-Half Winding:		RPM:	3500	UL File Date:	17-May-1961
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):			4.7		
RLA(=MCC/1.56;use for breaker & wire size selection):			4.2		
*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	50	3	380/400	Low Temperature