

# KAJA-011A-TAD

CFC, R-502, 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)	3790	2150
Power (Watts):	801	612
Current (Amps):	1.30	1.10
EER (Btu/Wh):	4.70	3.50
Mass Flow (lbs/hr):	75	42
Sound Power (dBA):		
Vibration (mils(peak-peak)):		4.76 Max
Record Date:	2007-01-18	

## Mechanical

Number of Cylinders:	2	Displ(in <sup>3</sup> /Rev):	3.60
Bore Size(in):	1.56	Displ(ft <sup>3</sup> /hr):	218.71
Stroke(in):	0.94		
Overall Length (in):	14.38	Mounting Length (in):	8.19
Overall Width (in):	9.50	Mounting Width (in):	6.38
Overall Height (in):	10.44	Mounting Height (in):	11.19 *
Suction Size (in):		5/8 Flare	
Discharge Size (in):		1/2 Flare	
Oil Recharge (oz):		20	
Initial Oil Charge (oz):		22	
Net Weight (lbs):		96	
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	15.0	MCC (Amps):	2.8	UL File No:	
LRA-Half Winding:		RPM:	3500	UL File Date:	23-Jul-1984
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):			2		
RLA(=MCC/1.56;use for breaker & wire size selection):			1.8		
*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-22 HCFC	60	3	460	UL Low Temp
R-22 HCFC	50	3	380/400	
R-502 CFC	50	3	380/400	Low Temperature