

KAJA-011E-TAD

HFC, R-507, 60 Hz, 3 - Phase, 460 V [. Also Available with Variable Frequency Drives](#)

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			Mechanical			
Evaporator Temp. (°F)	-25.00	-40	Displacement (in ³ /Rev):		3.60	
Condensing Temp. (°F)	105.00	105	Displacement (ft ³ /Hr):			
Return Gas Temp. (°F)	65.00	65	Overall Length (in):		14.38	
Liquid Temp. (°F)	105.00	105	Overall Width (in):		9.50	
Capacity (BTU/hr)	3820	2180	Overall Height (in):		10.44	
Power (W):	947	709	Mounting Length (in):		8.19	
Current (Amps):	1.8	1.6	Mounting Width (in):		6.38	
EER(BTU/Wh):	4	3.1	Mounting Height (in):		11.19	
Mass Flow (lbs/hr):	70	40	Suction Size (in),Type:		5 / 8 Flare	
Sound Data @			Discharge Size (in),Type:		1 / 2 Flare	
Sound Power (dBA):	Avg	Max	Initial Oil Charge (oz):		22	
Vibration mils(peak-peak):		4.8 Max	Oil Recharge (oz):		20	
Record Date:	1994-11-04		Oil Type:		POE	
			Net Weight (lbs):		96.0	
			Internal Free Volume (in ³):			
			Horse Power:			
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical		Capacitors					
		Type	Part No	Low MFD	High MFD	Volts	User Description
LRA High* (Amps):	15.0						
LRA Low*(Amps):		No data available in table					
LRA Half Winding (Amps):							
MCC (Amps):	2.8						
Max Operating Current (Amps):							
RLA, MCC/1.4(use for contactor selection)(Amps):	2.0						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	1.8						
RPM:							
Box IP :							
UL File No:	SA-2337						
UL File Date:	1984-07-23						

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	Application
R-404A HFC	460	3	60	Low Temperature
R-404A HFC	380/400	3	50	Low Temperature
R-448A HFO	460	3	60	Low Temperature
R-448A HFO	380/400	3	50	Low Temperature
R-449A HFO	460	3	60	Low Temperature
R-449A HFO	380/400	3	50	Low Temperature
R-507 HFC	380/400	3	50	Low Temperature