

**EAVA-021E-TAD**

HFC, R-404A, 50 Hz, 3 - Phase, 380/420 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	-40	Displacement (in <sup>3</sup> /Rev):	7.26
Condensing Temp. (°F)	105	105	Displacement (ft <sup>3</sup> /Hr):	
Return Gas Temp. (°F)	65	65	Overall Length (in):	16.69
Liquid Temp. (°F)	105	105	Overall Width (in):	12.00
Capacity (BTU/hr)	6050	3290	Overall Height (in):	12.78
Power (W):	1430	1050	Mounting Length (in):	10.06
Current (Amps):	3.6	3.2	Mounting Width (in):	10.50
EER(BTU/Wh):	4.2	3.1	Mounting Height (in):	13.81
Mass Flow (lbs/hr):	108	58	Suction Size (in),Type:	7 / 8 Sweat
Sound Data @			Discharge Size (in),Type:	1 / 2 Flare
Sound Power (dBA):	0 Avg	0 Max	Initial Oil Charge (oz):	60
Vibration mils(peak-peak):	0.0 Avg	0.0 Max	Oil Recharge (oz):	55
Record Date:	1994-08-31		Net Weight (lbs):	153.0
			Internal Free Volume (in <sup>3</sup> ):	
			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):	26.6				
LRA Low*(Amps):		No data available in table			
LRA Half Winding (Amps):					
MCC (Amps):	4.5				
Max Operating Current (Amps):					
RLA, MCC/1.4(use for contactor selection)(Amps):	3.2				
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	2.9				
RPM:					
Box IP :					
UL File No:	SA-2337				
UL File Date:	1984-09-10				

\*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
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R-134a HFC	380/420	3	50	High Temp
R-134a HFC	460	3	60	UL High Temp
R-22 HCFC	460	3	60	Low Temperature
R-22 HCFC	380/420	3	50	Low Temperature
R-404A HFC	460	3	60	Low Temperature
R-448A HFO	380/420	3	50	Low Temperature
R-448A HFO	460	3	60	Low Temperature
R-449A HFO	380/420	3	50	Low Temperature
R-449A HFO	460	3	60	Low Temperature
R-507 HFC	380/420	3	50	Low Temperature
R-507 HFC	460	3	60	Low Temperature