

EAVA-021E-TAD

HFC, R-134a, 60Hz, 3- Phase, 460 V
UL High Temp



Production Status:

Performance

Evap(°F)/Cond(°F)	45 / 130	20 / 120
Capacity (Btu/hr)	22300	13200
Power (Watts):	2400	1836
Current (Amps):		
EER (Btu/Wh):	9.29	7.19
Mass Flow (lbs/hr):		
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:		

Mechanical

Number of Cylinders:	2	Displ(in ³ /Rev):	7.26
Bore Size(in):	2.00	Displ(ft ³ /hr):	441.34
Stroke(in):	1.16		
Overall Length (in):	16.69	Mounting Length (in):	10.06
Overall Width (in):	12.00	Mounting Width (in):	10.50
Overall Height (in):	12.78	Mounting Height (in):	13.81 *
Suction Size (in):		7/8 Sweat	
Discharge Size (in):		1/2 Flare	
Oil Recharge (oz):		55	
Initial Oil Charge (oz):		60	
Net Weight (lbs):		153	
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	26.6	MCC (Amps):	5.4	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	10-Sep-1984
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		3.9			
RLA(=MCC/1.56;use for breaker & wire size selection):		3.5			
*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	Low Temperature
R-134a HFC	60	3	460	
R-404A HFC	60	3	460	Low Temperature
R-507 HFC	60	3	460	Low Temperature
R-22 HCFC	50	3	380/420	Low Temperature
R-134a HFC	50	3	380/420	High Temp
R-134a HFC	50	3	380/420	
R-404A HFC	50	3	380/420	Low Temperature
R-507 HFC	50	3	380/420	Low Temperature