

EAVA-021E-TAD

HCFC, R-22, 60 Hz, 3 -Phase, 460 V
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

Evaporator Temp. (°F)	-25	-40
Condensing Temp. (°F)	105	105
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	105	105
Capacity (Btu/hr)	6470	3820
Power (W):	1410	1070
Current (Amps):	2.60	2.30
EER (Btu/Wh):	4.60	3.60
Mass Flow (lbs/hr):	86	51
<u>Sound Data @</u>		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2006-12-22	

Mechanical

Displacment(in ³ /Rev):	7.26
Displacment(ft ³ /hr):	441.34
Overall Length (in):	16.69
Overall Width (in):	12.00
Overall Height (in):	12.78
Mounting Length (in):	10.06
Mounting Width (in):	10.50
Mounting Height (in):	13.81 *
Suction Size (in),Type:	7/8 Sweat
Discharge Size (in),Type:	1/2 Flare
Initial Oil Charge (oz):	60
Oil Recharge (oz):	55
Net Weight (lbs):	153.0
Internal Free Volume (in ³):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical

LRA-High*(Amp):	26.6
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	5.4
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	3.9
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	3.5
RPM:	
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.	

Capacitors

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-134a HFC	460	3	60	UL High Temp
R-134a HFC	380/420	3	50	High Temp
R-404A HFC	460	3	60	Low Temperature
R-404A HFC	380/420	3	50	Low Temperature
R-507 HFC	460	3	60	Low Temperature
R-507 HFC	380/420	3	50	Low Temperature
R-22 HCFC	380/420	3	50	Low Temperature
R-448A HFO	460	3	60	Low Temperature
R-448A HFO	380/420	3	50	Low Temperature
R-449A HFO	460	3	60	Low Temperature

Alternate Applications

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Freq (Hz)</u>	<u>Application</u>
R-449A HFO	380/420	3	50	Low Temperature