

EAD1-032A-TAD

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



Production Status: Available for sale to all U.S. customers. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance

Evap(°F)/Cond(°F)	45 / 130	20 / 120
RG(°F)/Liq(°F)	65.0 / 130.0	65.0 / 120.0
Capacity (Btu/hr)	31800	19300
Power (Watts):	3270	2550
Current (Amps):	5.00	4.20
EER (Btu/Wh):	9.70	7.60
Mass Flow (lbs/hr):	500	282
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	2006-12-21	

Mechanical

Number of Cylinders:	2	Displ(in ³ /Rev):	6.38
Bore Size(in):	1.88	Displ(ft ³ /hr):	387.89
Stroke(in):	1.16		
Overall Length (in):	17.19	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):		178	
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	42.0	MCC (Amps):	7.3	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	10-Sep-1984
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		5.2			
RLA(=MCC/1.56;use for breaker & wire size selection):		4.7			
*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 Medium Temp
R-22 HCFC	50	3	380/420	High Temp
R-22 HCFC	50	3	380/420	UL Medium Temp