

KAA1-007A-TAC



CFC, R-12, 60Hz, 3- Phase, 208/230 V
Low Temperature

Production Status: This compressor and/or application of this compressor is not available to U.S. OEM customers. A field replacement is currently available through a U.S. Emerson Climate Technologies Wholesaler. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance

Evap(°F)/Cond(°F)	-25 / 105	-40 / 105
RG(°F)/Liq(°F)	65.0 / 105.0	65.0 / 105.0
Capacity (Btu/hr)	2580	1360
Power (Watts):	595	433
Current (Amps):	2.40	2.10
EER (Btu/Wh):	4.30	3.10
Mass Flow (lbs/hr):	47	25
Sound Power (dBA):		
Vibration (mils(peak-peak)):		4.76 Max
Record Date:	2006-09-21	

Mechanical

Number of Cylinders:	2	Displ(in ³ /Rev):	4.20
Bore Size(in):	1.69	Displ(ft ³ /hr):	255.09
Stroke(in):	0.94		
Overall Length (in):	14.38	Mounting Length (in):	8.19
Overall Width (in):	9.50	Mounting Width (in):	6.38
Overall Height (in):	10.44	Mounting Height (in):	11.19 *
Suction Size (in):		5/8 Flare	
Discharge Size (in):		3/8 Flare	
Oil Recharge (oz):		20	
Initial Oil Charge (oz):		22	
Net Weight (lbs):		87	
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	19.9	MCC (Amps):	3.6	UL File No:	
LRA-Half Winding:		RPM:	3500	UL File Date:	23-Jul-1984
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		2.6			
RLA(=MCC/1.56;use for breaker & wire size selection):		2.3			
*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-12 CFC	50	3	200/220	