

KALA-015A-TAC

CFC, R-502, 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)	5200	3640
Power (Watts):	1220	1000
Current (Amps):	4.90	4.10
EER (Btu/Wh):	4.30	3.60
Mass Flow (lbs/hr):	102	71
Sound Power (dBA):		
Vibration (mils(peak-peak)):		4.76 Max
Record Date:	2007-01-19	

Mechanical

Number of Cylinders:	2	Displ(in ³ /Rev):	5.18
Bore Size(in):	1.88	Displ(ft ³ /hr):	314.74
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):		7/8 Sweat	
Discharge Size (in):		1/2 Flare	
Oil Recharge (oz):		20	
Initial Oil Charge (oz):		22	
Net Weight (lbs):		96	
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	35.5	MCC (Amps):	7.5	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):		5.4			
RLA(=MCC/1.56;use for breaker & wire size selection):		4.8			
*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	High Temp
R-12 CFC	50	3	200/220	Medium Temperature
R-22 HCFC	50	3	200/220	
R-502 CFC	50	3	200/220	Low Temperature
R-12 CFC	60	3	208/230	High Temp
R-12 CFC	60	3	208/230	Medium Temperature
R-22 HCFC	60	3	208/230	