

KALA-016E-TAC

HFC, R-404A, 60Hz, 3- Phase, 208/230 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

Evap(°F)/Cond(°F)	-25 / 105	-40 / 105
RG(°F)/Liq(°F)	65.0 / 105.0	65.0 / 105.0
Capacity (Btu/hr)	5580	2990
Power (Watts):	1340	973
Current (Amps):	5.40	4.80
EER (Btu/Wh):	4.20	3.10
Mass Flow (lbs/hr):	100	53
Sound Power (dBA):		
Vibration (mils(peak-peak)):		4.76 Max
Record Date:	2002-06-11	

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):		93	
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	50.0	MCC (Amps):	9.3	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	23-Jul-1984
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		6.6			
RLA(=MCC/1.56;use for breaker & wire size selection):		6			
*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-134a HFC	50	3	200/220	
R-134a HFC	50	3	200/220	
R-404A HFC	50	3	200/220	Low Temperature
R-507 HFC	50	3	200/220	Low Temperature
R-448A HFO	50	3	200/220	
R-449A HFO	50	3	200/220	
R-134a HFC	60	3	208/230	
R-134a HFC	60	3	208/230	
R-404A HFC	60	3	208/230	Low Temp, Low Condensing
R-507 HFC	60	3	208/230	Low Temperature

Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-448A HFO	60	3	208/230	
R-449A HFO	60	3	208/230	