

# KALA-016E-TAD

HFC, R-507, 60Hz, 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

Evap(°F)/Cond(°F)	-25 / 105	-40 / 105
RG(°F)/Liq(°F)	65.0 / 105.0	65.0 / 105.0
Capacity (Btu/hr)	5780	3100
Power (Watts):	1340	970
Current (Amps):	2.70	2.40
EER (Btu/Wh):	4.30	3.20
Mass Flow (lbs/hr):	107	56
Sound Power (dBA):		
Vibration (mils(peak-peak)):		4.76 Max
Record Date:	1994-11-04	

## Mechanical

Number of Cylinders:	2	Displ(in <sup>3</sup> /Rev):	5.18
Bore Size(in):	1.88	Displ(ft <sup>3</sup> /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):		98	
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	25.0	MCC (Amps):	4.8	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):		3.4			
RLA(=MCC/1.56;use for breaker & wire size selection):		3.1			
*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-404A HFC	60	3	460	Low Temperature
R-404A HFC	50	3	380/420	Low Temperature
R-507 HFC	50	3	380/420	Low Temperature