### KALB-010A-CAA

CFC, R-12, 60Hz, 1- Phase, 115 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

### Mechanical

Current (Amps):  9.00  8.10  Overall Width (in):  9.50  Mounting Width (in)  Overall Height (in):  10.44  Mounting Height (in)  Suction Size (in):  Discharge Size (in):  Vibration (mils(peak-peak)):  4.76 Max  Overall Width (in):  9.50  Mounting Width (in)  Overall Height (in):  5/8 Flare  Oil Recharge (oz):  1/2 Flare  Oil Recharge (oz):  20  Initial Oil Charge (oz):  Net Weight (lbs):  Internal Free Volume (in^3):  Horse Power:								
RG(°F)/Liq(°F)         65.0 / 105.0         65.0 / 105.0         Stroke(in):         0.94           Capacity (Btu/hr) (Power (Watts):         696         536         Overall Length (in):         14.38         Mounting Length (ir           Current (Amps):         9.00         8.10         Overall Width (in):         9.50         Mounting Width (in)           EER (Btu/Wh):         4.50         3.20         Overall Height (in):         10.44         Mounting Height (in)           Mass Flow (lbs/hr):         57         31         Suction Size (in):         5/8 Flare           Sound Power (dBA):         Discharge Size (in):         1/2 Flare           Vibration (mils(peak-peak)):         4.76 Max         Oil Recharge (oz):         20           Initial Oil Charge (oz):         22           Net Weight (lbs):         87           Internal Free Volume (in^3):         Horse Power:	Evap(°F)/Cond(°F)	-25 / 105	-40 / 105		Number of Cylinders:	2	Displ(in^3/Rev):	5.18
Capacity (Btu/hr)					Bore Size(in):	1.88	Displ(ft^3/hr):	314.74
Btu/hr   Power (Watts): 696 536   Overall Length (in): 14.38   Mounting Length (in)	RG(°F)/Liq(°F)	65.0 / 105.0	65.0 / 105.0		Stroke(in):	0.94		
Current (Amps):  9.00  8.10  Overall Width (in):  9.50  Mounting Width (in)  Overall Height (in):  10.44  Mounting Height (in)  Suction Size (in):  Discharge Size (in):  Vibration (mils(peak-peak)):  4.76 Max  Overall Width (in):  9.50  Mounting Width (in)  Overall Height (in):  5/8 Flare  Oil Recharge (oz):  1/2 Flare  Oil Recharge (oz):  20  Initial Oil Charge (oz):  Net Weight (lbs):  Internal Free Volume (in^3):  Horse Power:	. ,	3150	1700					
EER (Btu/Wh):  4.50 3.20  Mass Flow (lbs/hr):  57 31  Suction Size (in):  Discharge Size (in):  Oil Recharge (oz):  Record Date:  2006-10-12  Overall Height (in):  10.44  Mounting Height (in):  5/8 Flare  Oil Recharge (oz):  20  Initial Oil Charge (oz):  22  Net Weight (lbs):  Internal Free Volume (in^3):  Horse Power:	(Btu/hr) Power (Watts):	696	536		Overall Length (in):	14.38	Mounting Length (in):	8.19
Mass Flow (lbs/hr): 57 31  Suction Size (in): 5/8 Flare  Sound Power (dBA): Discharge Size (in): 1/2 Flare  Vibration (mils(peak-peak)): 4.76 Max  Oil Recharge (oz): 20  Initial Oil Charge (oz): 22  Record Date: 2006-10-12  Net Weight (lbs): 87  Internal Free Volume (in^3): Horse Power:	Current (Amps):	9.00	8.10		Overall Width (in):	9.50	Mounting Width (in):	6.38
Sound Power (dBA):  Vibration (mils(peak-peak)):  Record Date:  2006-10-12  Suction Size (in):  Discharge Size (in):  Oil Recharge (oz):  Initial Oil Charge (oz):  Net Weight (lbs):  Internal Free Volume (in^3):  Horse Power:	EER (Btu/Wh):	4.50	3.20		Overall Height (in):	10.44	Mounting Height (in):	11.19 *
Sound Power (dBA):  Vibration (mils(peak-peak)):  Record Date:  2006-10-12  Discharge Size (in):  Oil Recharge (oz):  Initial Oil Charge (oz):  Net Weight (lbs):  Internal Free Volume (in^3):  Horse Power:	Mass Flow (lbs/hr):	57	31					
Vibration (mils(peak-peak)):  4.76 Max  Oil Recharge (oz):  Initial Oil Charge (oz):  Net Weight (lbs):  Internal Free Volume (in^3):  Horse Power:					Suction Size (in):		5/8 Flare	
Record Date: 2006-10-12 Initial Oil Charge (oz): 22  Net Weight (lbs): 87  Internal Free Volume (in^3):  Horse Power:	Sound Power (dBA):				Discharge Size (in):		1/2 Flare	
Record Date: 2006-10-12 Net Weight (lbs): 87 Internal Free Volume (in^3): Horse Power:	Vibration (mils(peak-peak)):		4.76 Max		Oil Recharge (oz):		20	
Internal Free Volume (in^3): Horse Power:					Initial Oil Charge (oz):		22	
Horse Power:	Record Date:	2006-10-12			Net Weight (lbs):		87	
					Internal Free Volume	(in^3):		
mounting grommets.				*Overall compressor height on Copeland Brand Product's				

## Electrical

LRA-High*:		85.5	MCC (Amps	s):	15.2	UL File No:		
LRA-Half Winding	j:		RPM:		3500	UL File Date:	23-Jul-1984	
LRA Low*:			Max Operat	ing Currer	nt:			
RLA(=MCC/1.4;us	se for contactor s	election):	10	0.9				
RLA(=MCC/1.56;	use for breaker &	wire size sel	ection): 9.	7				
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.								
Туре	Part No	Low MFD	High MFD	Volts	User Description			
Start Capacitor	014-0061-05	430.0	516.0	125				
Run Capacitor	014-0064-08	40.0	0.0	370				

# **Alternate Applications**

Refrigerant	Freq (Hz)	Phase	Voltage	Application	
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