

# KATB-010A-CAV

CFC, R-12, 60 Hz, 1- Phase, 208/230 V

Low Temperature

**Production Status:** This model is obsolete and is no longer in production for both OEM and service replacement. Please contact Customer Service about possible replacement models.

## Performance

Evap(°F)/Cond(°F)	-25 / 105	-40 / 105
RG(°F)/Liq(°F)	65.0 / 105.0	65.0 / 105.0
Capacity (Btu/hr)	4230	2500
Power (W):	972	750
Current (Amps):	4.20	3.70
EER (Btu/Wh):	4.40	3.30
Mass Flow (lbs/hr):	77	45
Sound Power (dBA):		
Vibration mils(peak-)		4.76 Max
Record Date:	2006-10-16	

## Mechanical

Number of Cylinders:	2	Displacement(in <sup>3</sup> /Rev):	6.38
Bore Size(in):	1.88	Displacement(ft <sup>3</sup> /hr):	387.89
Stroke(in):	1.16		
Overall Length (in):	14.38	Mounting Length (in):	8.19
Overall Width (in):	8.50	Mounting Width (in):	6.38
Overall Height (in):	10.44	Mounting Height (in):	11.19 *
Suction Size (in),Type:		5/8 Flare	
Discharge Size (in),Type:		1/2 Flare	
Oil Recharge (oz):		20	
Initial Oil Charge (oz):		22	
Net Weight (lbs):		84	
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*(Amp):	40.0	MCC (Amps):	10.1	UL File No:	
LRA-Half Winding		RPM:		UL File Date:	23-Jul-1984
LRA Low* (Amp):		Max Operating Current			
RLA, MCC/1.4;use for contactor selection (Amp):		7.2			
RLA, MCC/1.56;use for breaker & wire size selection		6.5			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					
<u>Type</u>	<u>Part No</u>	<u>Low MFD</u>	<u>High MFD</u>	<u>Volts</u>	<u>User Description</u>
Start Capacitor	014-0061-04	145.0	175.0	220	
Run Capacitor	014-0064-10	20.0	0.0	440	

## Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-12 CFC	50	1	200/220	UL Low Temp