

KANB-007E-CAV

HCFC, R-22, 60 Hz, 1- Phase, 208/230 V

High Temp

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)	45 / 130	20 / 120
RG(°F)/Liq(°F)	65.0 / 130.0	65.0 / 120.0
Capacity (Btu/hr)	8960	5450
Power (W):	926	743
Current (Amps):	4.80	4.10
EER (Btu/Wh):	9.70	7.30
Mass Flow (lbs/hr):	142	80
Sound Power (dBA):		
Vibration mils(peak-)		4.76 Max
Record Date:	2007-01-04	

Mechanical

Number of Cylinders:	2	Displacment(in ³ /Rev):	1.86
Bore Size(in):	1.38	Displacment(ft ³ /hr):	112.78
Stroke(in):	0.62		
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),Type:	1/2 Flare		
Discharge Size (in),Type:	3/8 Flare		
Oil Recharge (oz):	20		
Initial Oil Charge (oz):	22		
Net Weight (lbs):	87		
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*(Amp):	36.0	MCC (Amps):	8.5	UL File No:	SA-2337
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):	6.1				
RLA, MCC/1.56;use for breaker & wire size selection	5.4				
*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	014-0064-00	10.0	0.0	370	

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-404A HFC	50	1	200/220	UL Medium Temp
R-404A HFC	60	1	208/230	Medium Temperature
R-22 HCFC	50	1	200/220	High Temp
R-448A HFO	50	1	200/220	Medium Temperature
R-448A HFO	60	1	208/230	Medium Temperature
R-449A HFO	50	1	200/220	Medium Temperature
R-449A HFO	60	1	208/230	Medium Temperature