

KAKB-021E-CAV

HFC, R-404A, 60 Hz, 1 -Phase, 208/230 V
Medium Temperature



Production Status: Available for sale to all U.S. customers. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance

Evaporator Temp. (°F)	20	0
Condensing Temp. (°F)	120	110
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	120	110
Capacity (Btu/hr)	12400	8860
Power (W):	2190	1870
Current (Amps):	9.80	8.40
EER (Btu/Wh):	5.70	4.70
Mass Flow (lbs/hr):	262	168
Sound Data @		
Sound Power (dBA):		
Vibration mils(peak-peak):		4.8 Max
Record Date:	2001-08-07	

Mechanical

Displacement(in ³ /Rev):	4.20
Displacement(ft ³ /hr):	255.09
Overall Length (in):	14.38
Overall Width (in):	9.50
Overall Height (in):	10.44
Mounting Length (in):	8.19
Mounting Width (in):	6.38
Mounting Height (in):	11.19 *
Suction Size (in),Type:	7/8 Sweat
Discharge Size (in),Type:	1/2 Flare
Initial Oil Charge (oz):	22
Oil Recharge (oz):	20
Net Weight (lbs):	99.0
Internal Free Volume (in ³):	
Horse Power:	

*Overall compressor height on Copeland Brand Product's specified mounting grommets.

Electrical

LRA-High*(Amp):	55.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	14.2
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	10.1
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	9.1
RPM:	
UL File No:	SA-2337
UL File Date:	1984-07-23

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Capacitors

Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	014-0061-30	130.0	156.0	330	
Run Capacitor	014-0064-14	40.0	0.0	440	

Alternate Applications

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