KALB-015E-CAV

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

Evaporator Temp. (°F)	-25	-40
Condensing Temp. (°F)	105	105
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	105	105
Capacity (Btu/hr)	5720	3260
Power (W):	1480	1170
Current (Amps):	7.40	6.50
EER (Btu/Wh):	3.90	2.80
Mass Flow (lbs/hr):	102	58
Sound Data @		
Sound Power (dBA):		
Vibration mils(peak-peak):		4.8 Max
Record Date:	2004-09-10	

Mechanical

Displacment(in^3/Rev):	5.18
Displacment(ft^3/hr):	314.74
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):	93.0
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):	13.9
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	9.9
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	8.9
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**	**SPECIAL CUST. APPL**
Run Capacitor	**014-0064-19**	**25.0**	**0.0**	**482**	

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-134a HFC	200/220	1	50	UL High Temp
R-404A HFC	200/220	1	50	Low Temperature
R-507 HFC	208/230	1	60	Low Temperature
R-507 HFC	200/220	1	50	Low Temperature
R-12 CFC	208/230	1	60	High Temp
R-12 CFC	208/230	1	60	Medium Temperature

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Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-12 CFC	200/220	1	50	High Temp
R-12 CFC	200/220	1	50	Medium Temperature
R-502 CFC	208/230	1	60	Low Temperature
R-502 CFC	200/220	1	50	Low Temperature
R-448A HFO	208/230	1	60	Low Temperature
R-448A HFO	200/220	1	50	Low Temperature
R-449A HFO	200/220	1	50	Low Temperature
R-449A HFO	208/230	1	60	Low Temperature

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