

KAE2-0075-CAV

HCFC, R-22, 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)	6120	3990
Power (W):	984	762
Current (Amps):	5.00	4.10
EER (Btu/Wh):	6.20	5.20
Mass Flow (lbs/hr):	89	55
Sound Data @		
Sound Power (dBA):		
Vibration mils(peak-peak):		4.8 Max
Record Date:	2001-07-27	

Mechanical

Displacement(in ³ /Rev):	2.21
Displacement(ft ³ /hr):	134.22
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:	5/8 Flare
Discharge Size (in),Type:	3/8 Flare
Initial Oil Charge (oz):	22
Oil Recharge (oz):	20
Net Weight (lbs):	87.0
Internal Free Volume (in ³):	
Horse Power:	

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

Electrical

LRA-High*(Amp):	36.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	7.4
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	5.3
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	4.7
RPM:	1750
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	014-0061-04	145.0	175.0	220	
Run Capacitor	014-0064-00	10.0	0.0	370	

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-22 HCFC	200/220	1	50	Medium Temperature