

# HAJB-005E-CAV

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

Medium Temperature



**Production Status:** This compressor and/or application of this compressor is not available to U.S. OEM customers. A field replacement is currently available through a U.S. Emerson Climate Technologies Wholesaler. 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	50
Liquid Temp. (°F)	120	95
Capacity (Btu/hr)	3800	2430
Power (W):	571	454
Current (Amps):	2.80	2.30
EER (Btu/Wh):	6.70	5.40
Mass Flow (lbs/hr):	56	34
<u>Sound Data @</u>		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2007-01-03	

## Electrical

LRA-High*(Amp):	22.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	5.2
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	3.7
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	3.3
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.	

## Mechanical

Displacement(in <sup>3</sup> /Rev):	1.39
Displacement(ft <sup>3</sup> /hr):	84.19
Overall Length (in):	12.75
Overall Width (in):	8.94
Overall Height (in):	10.47
Mounting Length (in):	8.19
Mounting Width (in):	6.38
Mounting Height (in):	11.25 *
Suction Size (in),Type:	1/2 Flare
Discharge Size (in),Type:	3/8 Flare
Initial Oil Charge (oz):	22
Oil Recharge (oz):	16
Net Weight (lbs):	72.0
Internal Free Volume (in <sup>3</sup> ):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

## Capacitors

Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	014-0061-29	108.0	130.0	330	
Run Capacitor	014-0064-00	10.0	0.0	370	

## Alternate Applications

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