

KAEA-007E-TAC

HFC, R-404A, 60 Hz, 3 -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)	1980	932
Power (W):	556	389
Current (Amps):	2.30	2.00
EER (Btu/Wh):	3.60	2.40
Mass Flow (lbs/hr):	35	16
Sound Data @		
Sound Power (dBA):		
Vibration mils(peak-peak):		4.8 Max
Record Date:	1994-08-03	

Mechanical

Displacment(in ³ /Rev):	2.21
Displacment(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:	1/2 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):	19.9
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	4.6
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	3.3
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	2.9
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

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-404A HFC	200/220	3	50	Low Temperature
R-404A HFC	208/230	3	60	Low Temp, Low Condensing
R-507 HFC	200/220	3	50	Low Temperature
R-507 HFC	208/230	3	60	Low Temperature
R-22 HCFC	200/220	3	50	Medium Temperature
R-502 CFC	200/220	3	50	UL Low Temp
R-502 CFC	208/230	3	60	UL Low Temp
R-448A HFO	200/220	3	50	Low Temperature
R-448A HFO	208/230	3	60	Low Temperature
R-449A HFO	200/220	3	50	Low Temperature

Alternate Applications

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Freq (Hz)</u>	<u>Application</u>
R-449A HFO	208/230	3	60	Low Temperature