

ZF15K4E-PFV

HFC, R-404A, 60 Hz, 1 -Phase, 208/230 V
 Low Temp, Liquid Injected



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)	16500	11300
Power (W):	3740	3470
Current (Amps):	17.90	17.00
EER (Btu/Wh):	4.40	3.30
Mass Flow (lbs/hr):	296	202
<u>Sound Data @</u>		
Sound Power (dBA):	70 Avg	75 Max
Vibration mils(peak-peak):	2.0 Avg	3.0 Max
Record Date:	2005-08-23	

Mechanical

Displacement(in ³ /Rev):	5.04
Displacement(ft ³ /hr):	612.50
Overall Length (in):	9.67
Overall Width (in):	10.12
Overall Height (in):	17.40
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	18.15 *
Suction Size (in),Type:	7/8 Stub
Discharge Size (in),Type:	1/2 Stub
Initial Oil Charge (oz):	64
Oil Recharge (oz):	60
Net Weight (lbs):	80.0
Internal Free Volume (in ³):	322.0
Horse Power:	5.00

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

Electrical

LRA-High*(Amp):	169.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	38.5
Max Operating Current(Amp):	40.0
RLA, MCC/1.4;use for contactor selection (Amp):	27.5
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	24.7
RPM:	3500
UL File No:	SA-2337
UL File Date:	1994-06-15

*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	014-0006-15	270.0	324.0	330	OPTIONAL
Run Capacitor	014-0064-27	80.0	0.0	370	
Run Capacitor	014-0064-35	80.0	0.0	440	SPECIAL APPLICATION

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-134a HFC	200	1	50	Medium Temp, Liquid Injected
R-134a HFC	200	1	50	Low Temp, Liquid Injected
R-134a HFC	208/230	1	60	Medium Temp, Liquid Injected
R-134a HFC	208/230	1	60	Low Temp, Liquid Injected
R-404A HFC	200	1	50	Medium Temp, Liquid Injected
R-404A HFC	200	1	50	Low Temp, Liquid Injected
R-404A HFC	208/230	1	60	Medium Temp, Liquid Injected

Alternate Applications

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Freq (Hz)</u>	<u>Application</u>
R-507 HFC	200	1	50	Medium Temp, Liquid Injected
R-507 HFC	200	1	50	Low Temp, Liquid Injected
R-507 HFC	208/230	1	60	Medium Temp, Liquid Injected
R-507 HFC	208/230	1	60	Low Temp, Liquid Injected
R-407C HFC	200	1	50	UL Low Temp
R-407C HFC	208/230	1	60	Low Temp, Liquid Injected
R-407C HFC	208/230	1	60	UL Low Temp
R-407A HFC	208/230	1	60	UL Medium Temp
R-407A HFC	208/230	1	60	Low Temp, Liquid Injected
R-448A HFO	208/230	1	60	Low Temp, Liquid Injected
R-448A HFO	200	1	50	Low Temp, Liquid Injected
R-448A HFO	200	1	50	Medium Temp, Liquid Injected
R-448A HFO	208/230	1	60	Medium Temp, Liquid Injected
R-449A HFO	208/230	1	60	Low Temp, Liquid Injected
R-449A HFO	208/230	1	60	Medium Temp, Liquid Injected
R-449A HFO	200	1	50	Low Temp, Liquid Injected
R-449A HFO	200	1	50	Medium Temp, Liquid Injected