

# ZF11K4E-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)	11700	8030
Power (W):	2650	2510
Current (Amps):	13.30	12.90
EER (Btu/Wh):	4.40	3.20
Mass Flow (lbs/hr):	210	143
<u>Sound Data @</u>		
Sound Power (dBA):	70 Avg	75 Max
Vibration mils(peak-peak):	2.0 Avg	3.0 Max
Record Date:	2018-01-29	

## Mechanical

Displacement(in <sup>3</sup> /Rev):	3.49
Displacement(ft <sup>3</sup> /hr):	424.13
Overall Length (in):	9.57
Overall Width (in):	9.52
Overall Height (in):	16.46
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	16.69 *
Suction Size (in),Type:	3/4 Stub
Discharge Size (in),Type:	1/2 Stub
Initial Oil Charge (oz):	47
Oil Recharge (oz):	43
Net Weight (lbs):	64.0
Internal Free Volume (in <sup>3</sup> ):	240.0
Horse Power:	3.50

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

## Electrical

LRA-High*(Amp):	109.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	25.5
Max Operating Current(Amp):	24.7
RLA, MCC/1.4;use for contactor selection (Amp):	18.2
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	16.3
RPM:	3500
UL File No:	SA-2337
UL File Date:	1995-02-28

\*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	014-0061-27	88.0	106.0	330	OPTIONAL
Run Capacitor	014-0064-26	60.0	0.0	370	

## Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-404A HFC	208/230	1	60	Medium Temp, Liquid Injected
R-404A HFC	200	1	50	Medium Temp, Liquid Injected
R-404A 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-507 HFC	200	1	50	Medium Temp, Liquid Injected
R-507 HFC	200	1	50	Low Temp, Liquid Injected
R-407C HFC	200	1	50	UL Low Temp

## Alternate Applications

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