

ZF15K4E-PFV

HFC, R-404A, 60Hz, 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

Evap(°F)/Cond(°F)	-25 / 105	-40 / 105
RG(°F)/Liq(°F)	65.0 / 105.0	65.0 / 105.0
Capacity (Btu/hr)	16500	11300
Power (Watts):	3740	3470
Current (Amps):	17.90	17.00
EER (Btu/Wh):	4.40	3.30
Mass Flow (lbs/hr):	296	202
Sound Power (dBA):	78 Avg	83 Max
Vibration (mils(peak-peak)):	2.0 Avg	3.0 Max
Record Date:	2005-08-23	

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	5.04
Bore Size(in):	0.00	Displ(ft ³ /hr):	612.50
Stroke(in):	0.00		
Overall Length (in):	11.16	Mounting Length (in):	7.50
Overall Width (in):	9.67	Mounting Width (in):	7.50
Overall Height (in):	18.50	Mounting Height (in):	19.25 *
Suction Size (in):		7/8 Stub	
Discharge Size (in):		1/2 Stub	
Oil Recharge (oz):		60	
Initial Oil Charge (oz):		64	
Net Weight (lbs):		80	
Internal Free Volume (in ³):		322.0	
Horse Power:		5	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	169.0	MCC (Amps):	38.5	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	15-Jun-1994
LRA Low*:		Max Operating Current:	40.0		
RLA(=MCC/1.4;use for contactor selection):		27.5			
RLA(=MCC/1.56;use for breaker & wire size selection):		24.7			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					
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

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-22 HCFC	50	1	200	
R-134a HFC	50	1	200	
R-407C HFC	50	1	200	
R-407A HFC	50	1	200	
R-407A HFC	50	1	200	
R-22 HCFC	60	1	208/230	
R-134a HFC	60	1	208/230	
R-407C HFC	60	1	208/230	

Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-134a HFC	50	1	200	Low Temp, Liquid Injected
R-134a HFC	60	1	208/230	Low Temp, Liquid Injected
R-407C HFC	50	1	200	UL Low Temp
R-407C HFC	60	1	208/230	Low Temp, Liquid Injected
R-407C HFC	60	1	208/230	UL Low Temp
R-404A HFC	50	1	200	Low Temp, Liquid Injected
R-507 HFC	50	1	200	Low Temp, Liquid Injected
R-407A HFC	60	1	208/230	Low Temp, Liquid Injected
R-507 HFC	60	1	208/230	Low Temp, Liquid Injected
R-134a HFC	50	1	200	Medium Temp, Liquid Injected
R-134a HFC	60	1	208/230	Medium Temp, Liquid Injected
R-404A HFC	50	1	200	Medium Temp, Liquid Injected
R-507 HFC	50	1	200	Medium Temp, Liquid Injected
R-407A HFC	60	1	208/230	UL Medium Temp
R-404A HFC	60	1	208/230	Medium Temp, Liquid Injected
R-507 HFC	60	1	208/230	Medium Temp, Liquid Injected