ZF13K4E-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)	13200	8740
Power (Watts):	3030	2840
Current (Amps):	14.30	13.50
EER (Btu/Wh):	4.40	3.10
Mass Flow (lbs/hr):	237	156
Sound Power (dBA):	78 Avg	83 Max
Vibration (mils(peak-peak)):	2.0 Avg	3.0 Max
Record Date:	2005-07-07	

Mechanical

Number of Cylinders:	0	Displ(in^3/Rev):	4.10
Bore Size(in):	0.00	Displ(ft^3/hr):	497.78
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):	85
Internal Free Volume (in^3):	318.6
Horse Power:	4

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

Electrical

LRA-High*:	129.0	MCC (Amps):	35.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	15-Jun-1994
LRA Low*:		Max Operating Current:	30.3		

RLA(=MCC/1.4;use for contactor selection): 25
RLA(=MCC/1.56;use for breaker & wire size selection): 22.4

*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	014-0064-26	60.0	0.0	370	

Alternate Applications

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

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Alternate Applications

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

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