ZF09K4E-TF5

HFC, R-404A, 60 Hz, 3 -phase, 200/230 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)	9260	6330
Power (Watts):	2020	1950
Current (Amps):	7.00	6.90
EER (Btu/Wh):	4.60	3.20
Mass Flow (lbs/hr):	166	113
Sound Data @		
Sound Power (dBA):	75 Avg	80 Max
Vibration (mils(peak-peak)):	2.0 Avg	3.0 Max
Record Date:	2006-01-20	

Mechanical

Number of Cylinders:	0	Displ(in^3/Rev):	2.82
Bore Size(in):	0.00	Displ(ft^3/hr):	342.71
Stroke(in):	0.00		
Overall Length (in):	9.57	Mounting Length (in):	7.50
Overall Width (in):	9.52	Mounting Width (in):	7.50
Overall Height (in):	15.93	Mounting Height (in):	16.16 *

Suction Size (in):	3/4 Stub
Discharge Size (in):	1/2 Stub
Oil Recharge (oz):	45
Initial Oil Charge (oz):	49
Net Weight (lbs):	60
Internal Free Volume (in^3):	237.0
Horse Power:	3

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

Electrical

LRA-High*:	77.0	MCC (Amps):	13.5	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	28-Feb-1995
LRA Low*:		Max Operating Current:	13.0		

RLA(=MCC/1.4;use for contactor selection): 9.6
RLA(=MCC/1.56;use for breaker & wire size selection): 8.7

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-404A HFC	50	3	200/220	Medium Temp, Liquid Injected
R-404A HFC	50	3	200/220	Low Temp, Liquid Injected
R-404A HFC	60	3	200/230	Medium Temp, Liquid Injected
R-404A HFC	60	3	200/230	Low Temp, Low Condensing (Scroll)
R-404A HFC	50	3	200/220	Low Temp, Low Condensing (Scroll)
R-507 HFC	50	3	200/220	Medium Temp, Liquid Injected
R-507 HFC	50	3	200/220	Low Temp, Low Condensing (Scroll)
R-507 HFC	60	3	200/230	Medium Temp, Liquid Injected
R-507 HFC	60	3	200/230	Low Temp, Liquid Injected
R-22 HCFC	50	3	200/220	Medium Temp, Liquid Injected

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Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-22 HCFC	50	3	200/220	Low Temp, Liquid Injected
R-22 HCFC	60	3	200/230	Medium Temp, Liquid Injected
R-22 HCFC	60	3	200/230	Low Temp, Liquid Injected
R-407C HFC	60	3	200/230	UL Medium Temp
R-407C HFC	60	3	200/230	Low Temp, Liquid Injected
R-407C HFC	60	3	200/230	UL Low Temp
R-407A HFC	50	3	200/220	UL Medium Temp
R-407A HFC	50	3	200/220	UL Low Temp
R-407A HFC	60	3	200/230	UL Low Temp
R-407A HFC	50	3	200/220	Low Temp, Liquid Injected
R-407A HFC	60	3	200/230	Low Temp, Liquid Injected
R-407F HFC	50	3	200/220	Low Temp, Liquid Injected
R-407F HFC	60	3	200/230	Low Temp, Liquid Injected
R-448A HFO	50	3	200/220	Medium Temp, Liquid Injected
R-448A HFO	50	3	200/220	Low Temp, Liquid Injected
R-448A HFO	60	3	200/230	Medium Temp, Liquid Injected
R-448A HFO	60	3	200/230	Low Temp, Liquid Injected
R-449A HFO	50	3	200/220	Low Temp, Liquid Injected
R-449A HFO	60	3	200/230	Medium Temp, Liquid Injected
R-449A HFO	60	3	200/230	Low Temp, Liquid Injected

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