

ZF05KAE-TF5

HFC , R-407A, 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

Evaporator Temp. (°F)	-25	-10
Condensing Temp. (°F)	105	120
Return Gas Temp. (°F)	40	40
Liquid Temp. (°F)	105	120
Capacity (Btu/hr)	3590	4840
Power (W):	1190	1445
Current (Amps):	4.40	4.95
EER (Btu/Wh):	3.00	3.35
Mass Flow (lbs/hr):	54	80
<u>Sound Data @</u>		
Sound Power (dBA):	70 Avg	75 Max
Vibration mils(peak-peak):	2.0 Avg	3.0 Max
Record Date:	2017-08-31	

Mechanical

Displacement(in ³ /Rev):	1.54
Displacement(ft ³ /hr):	186.91
Overall Length (in):	9.69
Overall Width (in):	9.69
Overall Height (in):	15.72
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	16.00 *
Suction Size (in),Type:	3/4 Stub
Discharge Size (in),Type:	1/2 Stub
Initial Oil Charge (oz):	25
Oil Recharge (oz):	19
Net Weight (lbs):	48.0
Internal Free Volume (in ³):	115.0
Horse Power:	1.50
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical

LRA-High*(Amp):	58.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	10.3
Max Operating Current(Amp):	6.4
RLA, MCC/1.4;use for contactor selection (Amp):	7.4
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	6.6
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

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-404A HFC	200/230	3	60	Low Temp, Liquid Injected
R-404A HFC	200/220	3	50	Low Temp, Liquid Injected
R-507 HFC	200/220	3	50	Low Temp, Liquid Injected
R-507 HFC	200/230	3	60	Low Temp, Liquid Injected
R-407C HFC	200/230	3	60	Low Temp, Liquid Injected
R-407C HFC	200/220	3	50	Low Temp, Liquid Injected
R-407A HFC	200/220	3	50	Low Temp, Liquid Injected
R-407F HFC	200/220	3	50	Low Temp, Liquid Injected
R-407F HFC	200/230	3	60	Low Temp, Liquid Injected
R-448A HFO	200/220	3	50	Low Temp, Liquid Injected

Alternate Applications

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Freq (Hz)</u>	<u>Application</u>
R-448A HFO	200/230	3	60	Low Temp, Liquid Injected
R-449A HFO	200/220	3	50	Low Temp, Liquid Injected
R-449A HFO	200/230	3	60	Low Temp, Liquid Injected