

# ZF25K4E-TF5

HCFC, R-22, 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	-40
Condensing Temp. (°F)	105	105
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	105	105
Capacity (Btu/hr)	22900	15500
Power (W):	5150	4990
Current (Amps):	18.20	17.80
EER (Btu/Wh):	4.40	3.10
Mass Flow (lbs/hr):	305	206
<u>Sound Data @</u>		
Sound Power (dBA):	80 Avg	85 Max
Vibration mils(peak-peak):	2.0 Avg	3.0 Max
Record Date:	2012-03-14	

## Mechanical

Displacement(in <sup>3</sup> /Rev):	7.50
Displacement(ft <sup>3</sup> /hr):	911.46
Overall Length (in):	11.16
Overall Width (in):	9.67
Overall Height (in):	18.50
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	9.25 *
Suction Size (in),Type:	7/8 Stub
Discharge Size (in),Type:	3/4 Stub
Initial Oil Charge (oz):	64
Oil Recharge (oz):	60
Net Weight (lbs):	87.0
Internal Free Volume (in <sup>3</sup> ):	
Horse Power:	7.50

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

## Electrical

LRA-High*(Amp):	224.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	36.0
Max Operating Current(Amp):	28.8
RLA, MCC/1.4;use for contactor selection (Amp):	25.7
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	23.1
RPM:	3500
UL File No:	SA-2337
UL File Date:	1994-06-15

\*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	200/220	3	50	Low Temp, Liquid Injected
R-404A HFC	200/220	3	50	Medium Temp, Liquid Injected
R-404A HFC	200/230	3	60	Low Temp, Liquid Injected
R-404A HFC	200/230	3	60	Medium Temp, Liquid Injected
R-507 HFC	200/220	3	50	Low Temp, Liquid Injected
R-507 HFC	200/220	3	50	Medium Temp, Liquid Injected
R-507 HFC	200/230	3	60	Low Temp, Liquid Injected
R-507 HFC	200/230	3	60	Medium Temp, Liquid Injected
R-22 HCFC	200/220	3	50	Low Temp, Liquid Injected
R-22 HCFC	200/220	3	50	Medium Temp, Liquid Injected

## Alternate Applications

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