ZF11K4E-TF5

HFC, R-507, 60 Hz, 3 - Phase, 200/230 V , Also Available with Variable Frequency Drives

Low Temp, Low Condensing (Scroll)

Production Status: Available for sale to all U.S. customers. Please check with your local Copeland Representative for international availability.

Performance

Evaporator Temp. (°F)	-25.00	-40
Condensing Temp. (°F)	50.00	50
Return Gas Temp. (°F)	65.00	65
Liquid Temp. (°F)	50.00	50
Capacity (BTU/hr)	16050	11050
Power (W):	1565	1435
Current (Amps):	5.9	5.5
EER(BTU/Wh):	10.25	7.7
Mass Flow (lbs/hr):	217	146
Sound Data @		
Sound Power (dBA):	74 Avg	79 Max
Vibration mils(peak-peak):	2.0 Avg	3.0 Max
Record Date:	2023-05-19	

Mechanical

Displacement (in^3/Rev):	3.49
Displacement (ft^3/Hr):	
Overall Length (in):	9.40
Overall Width (in):	9.40
Overall Height (in):	17.10
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	17.90
Suction Size (in),Type:	3 / 4 Stub
Discharge Size (in),Type:	1 Stub
Initial Oil Charge (oz):	49
Oil Recharge (oz):	45
Oil Type:	POE
Net Weight (lbs):	64.0
Internal Free Volume (in^3):	251.0

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

Electrical

LRA High* (Amps):	88
LRA Low*(Amps):	
LRA Half Winding (Amps):	
MCC (Amps):	17
Max Operating Current (Amps):	14.50
RLA, MCC/1.4(use for contactor selection)(Amps):	12.1
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	10.9
RPM:	3500
Box IP :	21
UL File No:	SA2337-19950228
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

Type	Part No	Low MFD	High MFD	Volts	User Description

No data available in table

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	Application
R-134a HFC	200/230	3	60	Low Temp, Liquid Injected
R-134a HFC	200/220	3	50	Low Temp, Liquid Injected
R-134a HFC	200/220	3	50	Medium Temp, Liquid Injected
R-134a HFC	200/230	3	60	Medium Temp, Liquid Injected
R-22 HCFC	200/220	3	50	Low Temp, Liquid Injected
R-22 HCFC	200/230	3	60	Low Temp, Liquid Injected
R-22 HCFC	200/220	3	50	Medium Temp, Liquid Injected
R-22 HCFC	200/230	3	60	Medium Temp, Liquid Injected
R-404A HFC	200/220	3	50	Low Temp, Low Condensing (Scroll)
R-404A HFC	200/230	3	60	Low Temp, Low Condensing (Scroll)
R-404A HFC	200/230	3	60	Low Temp, Liquid Injected
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	Medium Temp, Liquid Injected
R-407A HFC	200/230	3	60	Low Temp, Liquid Injected
R-407A HFC	200/220	3	50	Low Temp, Liquid Injected
R-407C HFC	200/230	3	60	Low Temp, Liquid Injected
R-407F HFC	200/230	3	60	Low Temp, Liquid Injected
R-407F HFC	200/220	3	50	Low Temp, Liquid Injected
R-448A HFO	200/230	3	60	Low Temp, Liquid Injected
R-448A HFO	200/220	3	50	Low Temp, Liquid Injected
R-448A HFO	200/220	3	50	Medium Temp, Liquid Injected
R-448A 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	Low Temp, Liquid Injected
R-449A HFO	200/230	3	60	Medium Temp, Liquid Injected
R-449A HFO	200/220	3	50	Medium Temp, Liquid Injected
R-507 HFC	200/220	3	50	Low Temp, Low Condensing (Scroll)
R-507 HFC	200/230	3	60	Low Temp, Liquid Injected
R-507 HFC	200/220	3	50	Low Temp, Liquid Injected
R-507 HFC	200/230	3	60	Medium Temp, Liquid Injected
R-507 HFC	200/220	3	50	Medium Temp, Liquid Injected