

ZS45K4E-TF5

HFC, R-407C, 60 Hz, 3 - Phase, 200/230 V
 [, Also Available with Variable Frequency Drives](#)

Extended Medium Temp

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

Performance			Mechanical	
Evaporator Temp. (°F)	20	-10	Displacement (in^3/Rev):	5.98
Condensing Temp. (°F)	120	120	Displacement (ft^3/Hr):	
Return Gas Temp. (°F)	65	65	Overall Length (in):	9.67
Liquid Temp. (°F)	120	120	Overall Width (in):	10.13
Capacity (BTU/hr)	41500	20700	Overall Height (in):	17.23
Power (W):	5480	4660	Mounting Length (in):	7.50
Current (Amps):	17	15.15	Mounting Width (in):	7.50
EER(BTU/Wh):	7.55	4.45	Mounting Height (in):	.00
Mass Flow (lbs/hr):	597	291	Suction Size (in),Type:	
Sound Data @			Discharge Size (in),Type:	
			Initial Oil Charge (oz):	64
Sound Power (dBA):	78 Avg	83 Max	Oil Recharge (oz):	60
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Net Weight (lbs):	87.0
Record Date:	2022-01-23		Internal Free Volume (in^3):	344
			Horse Power:	
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors				
LRA High* (Amps):	156	Type	Part No	Low MFD	High MFD	Volts User Description
LRA Low*(Amps):		No data available in table				
LRA Half Winding (Amps):						
MCC (Amps):	31.9					
Max Operating Current (Amps):						
RLA, MCC/1.4(use for contactor selection)(Amps):	22.8					
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	20.4					
RPM:	3500					
Box IP :						
UL File No:						
UL File Date:						

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

Alternate Applications				
Refrigerant	Voltage	Phase	Frequency	Application
R-134a HFC	200/230	3	60	Extended Medium Temp

R-134a HFC	200/220	3	50	Extended Medium Temp
R-134a HFC	200/230	3	60	High Temp
R-134a HFC	200/220	3	50	High Temp
R-22 HCFC	200/230	3	60	Medium Temperature
R-22 HCFC	200/220	3	50	Medium Temperature
R-404A HFC	200/230	3	60	Extended Medium Temp
R-404A HFC	200/220	3	50	Extended Medium Temp
R-407A HFC	200/230	3	60	Extended Medium Temp
R-407A HFC	200/220	3	50	Extended Medium Temp
R-407C HFC	200/220	3	50	Extended Medium Temp
R-448A HFO	200/230	3	60	Extended Medium Temp
R-448A HFO	200/220	3	50	Extended Medium Temp
R-449A HFO	200/230	3	60	Extended Medium Temp
R-449A HFO	200/220	3	50	Extended Medium Temp
R-507 HFC	200/230	3	60	Extended Medium Temp
R-507 HFC	200/220	3	50	Extended Medium Temp