

ZS29KAE-TF5

HFC, R-507, 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)	20.00	-10	Displacement (in ³ /Rev):	3.87
Condensing Temp. (°F)	120.00	120	Displacement (ft ³ /Hr):	
Return Gas Temp. (°F)	65.00	65	Overall Length (in):	9.69
Liquid Temp. (°F)	120.00	120	Overall Width (in):	9.69
Capacity (BTU/hr)	29600	15450	Overall Height (in):	16.94
Power (W):	4070	3640	Mounting Length (in):	7.50
Current (Amps):	12.05	11.2	Mounting Width (in):	7.50
EER(BTU/Wh):	7.25	4.25	Mounting Height (in):	17.17
Mass Flow (lbs/hr):	643	325	Suction Size (in),Type:	7 / 8 Stub
Sound Data @			Discharge Size (in),Type:	1 / 2 Stub
Sound Power (dBA):	76 Avg	81 Max	Initial Oil Charge (oz):	42
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (oz):	34
Record Date:	2021-09-30		Oil Type:	POE
			Net Weight (lbs):	69.1
			Internal Free Volume (in ³):	193.0
			Horse Power:	4.0
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors					
		Type	Part No	Low MFD	High MFD	Volts	User Description
LRA High* (Amps):	114	No data available in table					
LRA Low*(Amps):							
LRA Half Winding (Amps):							
MCC (Amps):	28.7						
Max Operating Current (Amps):	16.8						
RLA, MCC/1.4(use for contactor selection)(Amps):	20.5						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	18.4						
RPM:	3500						
Box IP :	21						
UL File No:	SA-2337						
UL File Date:	2003-12-17						

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