

ZS29KAE-PFV

HFC, R-507, 60 Hz, 1 - Phase, 208/230 V

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):	4170	3730	Mounting Length (in):	7.50
Current (Amps):	18.8	16.9	Mounting Width (in):	7.50
EER(BTU/Wh):	7.1	4.15	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:	3MA
			Net Weight (lbs):	70.9
			Internal Free Volume (in ³):	186.0
			Horse Power:	4.0

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

Electrical		Capacitors					
		Type	Part No	Low MFD	High MFD	Volt s	User Description
LRA High* (Amps):	137						
LRA Low*(Amps):		Run Capacitor	014-0064-18	60.0	0.0	440	
LRA Half Winding (Amps):		Start Capacitor	014-0061-27	88.0	106.0	330	OPTIONAL
MCC (Amps):	36.5						
Max Operating Current (Amps):	30.7						
RLA, MCC/1.4(use for contactor selection)(Amps):	26.1						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	23.4						
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	208/230	1	60	High Temp
R-22 HCFC	208/230	1	60	High Temp
R-404A HFC	208/230	1	60	Extended Medium Temp
R-404A HFC	208/230	1	60	Medium Temperature
R-407A HFC	208/230	1	50	Extended Medium Temp
R-407A HFC	208/230	1	60	Extended Medium Temp
R-407C HFC	208/230	1	60	High Temp
R-448A HFO	208/230	1	60	Extended Medium Temp
R-449A HFO	208/230	1	60	Extended Medium Temp