

ZS29KAE-PFV

HFC, R-407C, 60 Hz, 1 - Phase, 208/230 V

High 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)	45	20	Displacement (in^3/Rev):	3.87
Condensing Temp. (°F)	130	120	Displacement (ft^3/Hr):	
Return Gas Temp. (°F)	65	65	Overall Length (in):	9.69
Liquid Temp. (°F)	130	120	Overall Width (in):	9.69
Capacity (BTU/hr)	42000	26600	Overall Height (in):	16.94
Power (W):	4210	3540	Mounting Length (in):	7.50
Current (Amps):	18.8	16	Mounting Width (in):	7.50
EER(BTU/Wh):	10	7.5	Mounting Height (in):	17.17
Mass Flow (lbs/hr):	660	384	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		Net Weight (lbs):	70.9
			Internal Free Volume (in^3):	186
			Horse Power:	4.0
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors					
LRA High* (Amps):	137	Type	Part No	Low MFD	High MFD	Volt s	User Description
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):	34						
Max Operating Current (Amps):	30.7						
RLA, MCC/1.4(use for contactor selection)(Amps):	24.3						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	21.8						
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-448A HFO	208/230	1	60	Extended Medium Temp	
R-449A HFO	208/230	1	60	Extended Medium Temp	
R-507 HFC	208/230	1	60	Extended Medium Temp	