

ZS11KAE-PFV

HCFC, R-22, 60 Hz, 1 - Phase, 208/230 V [. Also Available with Variable Frequency Drives](#)

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):	1.54
Condensing Temp. (°F)	130	120	Displacement (ft ³ /Hr):	
Return Gas Temp. (°F)	65	40	Overall Length (in):	9.69
Liquid Temp. (°F)	130	120	Overall Width (in):	9.69
Capacity (BTU/hr)	17500	11350	Overall Height (in):	15.72
Power (W):	1845	1475	Mounting Length (in):	7.50
Current (Amps):	8.1	6.5	Mounting Width (in):	7.50
EER(BTU/Wh):	9.5	7.7	Mounting Height (in):	16.00
Mass Flow (lbs/hr):	277	177	Suction Size (in),Type:	3 / 4 Stub
Sound Data @			Discharge Size (in),Type:	1 / 2 Stub
Sound Power (dBA):	70 Avg	75 Max	Initial Oil Charge (oz):	25
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (oz):	19
Record Date:	2016-06-27		Net Weight (lbs):	48.9
			Internal Free Volume (in ³):	123
			Horse Power:	1.5

*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):	55.0						
LRA Low*(Amps):		Run Capacitor	014-0064-06	30.0	0.0	370	
LRA Half Winding (Amps):							
MCC (Amps):	15	Start Capacitor	014-0061-27	88.0	106.0	330	OPTIONAL
Max Operating Current (Amps):	11.2						
RLA, MCC/1.4(use for contactor selection)(Amps):	10.7						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	9.6						
RPM:	3500						
Box IP :	21						
UL File No:	SA-2337						
UL File Date:	2004-12-16						

*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-404A HFC	208/230	1	60	Extended Medium Temp
R-404A HFC	208/230	1	60	Medium Temperature
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-448A HFO	208/230	1	60	Medium Temperature
R-449A HFO	208/230	1	60	Extended Medium Temp
R-449A HFO	208/230	1	60	Medium Temperature
R-507 HFC	208/230	1	60	Extended Medium Temp
R-507 HFC	208/230	1	60	Medium Temperature