

ZS38K4E-PFV

HFC, R-407C, 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	-10	Displacement (in^3/Rev):	5.04
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)	34800	17400	Overall Height (in):	17.23
Power (W):	4760	4140	Mounting Length (in):	7.50
Current (Amps):	21.95	19.3	Mounting Width (in):	7.50
EER(BTU/Wh):	7.3	4.2	Mounting Height (in):	.00
Mass Flow (lbs/hr):	502	245	Suction Size (in),Type:	
Sound Data @			Discharge Size (in),Type:	
Sound Power (dBA):	78 Avg	83 Max	Initial Oil Charge (oz):	64
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (oz):	60
Record Date:	2022-01-23		Net Weight (lbs):	80.0
			Internal Free Volume (in^3):	322
			Horse Power:	
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors				
LRA High* (Amps):	169	Type	Part No	Low MFD	High MFD	Volts User Description
LRA Low*(Amps):		No data available in table				
LRA Half Winding (Amps):						
MCC (Amps):	39.8					
Max Operating Current (Amps):						
RLA, MCC/1.4(use for contactor selection)(Amps):	28.4					
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	25.5					
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	1	50	Extended Medium Temp	

R-134a HFC	208/230	1	60	Extended Medium Temp
R-134a HFC	200	1	50	UL High Temp
R-404A HFC	200	1	50	Extended Medium Temp
R-404A HFC	208/230	1	60	Extended Medium Temp
R-407A HFC	200	1	50	Extended Medium Temp
R-407A HFC	208/230	1	60	Extended Medium Temp
R-407C HFC	200	1	50	Extended Medium Temp
R-448A HFO	200	1	50	Extended Medium Temp
R-448A HFO	208/230	1	60	Extended Medium Temp
R-449A HFO	200	1	50	Extended Medium Temp
R-449A HFO	208/230	1	60	Extended Medium Temp
R-507 HFC	200	1	50	Extended Medium Temp
R-507 HFC	208/230	1	60	Extended Medium Temp