

ZS38K4E-PFV

Replacement: ZF15K4E-PFV

HFC, R-404A, 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

Evap(°F)/Cond(°F)	20 / 120	-10 / 120
RG(°F)/Liq(°F)	65.0 / 120.0	65.0 / 120.0
Capacity (Btu/hr)	36400	19600
Power (W):	5500	4640
Current (Amps):	24.80	21.70
EER (Btu/Wh):	6.60	4.20
Mass Flow (lbs/hr):	760	396
Sound Power (dBA):	78 Avg	83 Max
Vibration mils(peak-	2.0 Avg	3.0 Max
Record Date:	2004-06-15	

Mechanical

Number of Cylinders:	0	Displacement(in^3/Rev):	5.04
Bore Size(in):	0.00	Displacement(ft^3/hr):	612.50
Stroke(in):	0.00		
Overall Length (in):	9.67	Mounting Length (in):	7.50
Overall Width (in):	10.12	Mounting Width (in):	7.50
Overall Height (in):	17.23	Mounting Height (in):	17.98 *
Suction Size (in),Type:	7/8 Stub		
Discharge Size (in),Type:	1/2 Stub		
Oil Recharge (oz):	60		
Initial Oil Charge (oz):	64		
Net Weight (lbs):	80		
Internal Free Volume (in^3):	322.0		
Horse Power:	5		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*(Amp):	169.0	MCC (Amps):	44.5	UL File No:	SA-2337
LRA-Half Winding		RPM:	3500	UL File Date:	15-Jun-1994
LRA Low* (Amp):		Max Operating Current	40.0		
RLA, MCC/1.4;use for contactor selection (Amp):	31.8				
RLA, MCC/1.56;use for breaker & wire size selection	28.5				
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					
Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	014-0006-15	270.0	324.0	330	OPTIONAL
Run Capacitor	014-0064-27	80.0	0.0	370	
Run Capacitor	014-0064-35	80.0	0.0	440	SPECIAL APPLICATION

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-134a HFC	50	1	200	Extended Medium Temp
R-134a HFC	50	1	200	UL High Temp
R-134a HFC	60	1	208/230	Extended Medium Temp
R-404A HFC	50	1	200	Extended Medium Temp
R-507 HFC	50	1	200	Extended Medium Temp
R-507 HFC	60	1	208/230	Extended Medium Temp
R-407C HFC	50	1	200	Extended Medium Temp
R-407C HFC	60	1	208/230	Extended Medium Temp

Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-407A HFC	50	1	200	Extended Medium Temp
R-407A HFC	60	1	208/230	Extended Medium Temp
R-448A HFO	60	1	208/230	Extended Medium Temp