ZS38K4E-TF5

HCFC, R-22, 60Hz, 3- Phase, 200/230 V
Medium Temperature

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	45 / 130
RG(°F)/Liq(°F)	65 / 120	65 / 130
Capacity (Btu/hr)	36600	55500
Power (Watts):	4470	5800
Current (Amps):	13.40	16.60
EER (Btu/Wh):	8.20	9.60
Mass Flow (lbs/hr):	535	880
Sound Power (dBA):	78 Avg	83 Max
Vibration (mils(peak-	2.0 Avg	3.0 Max
Record Date:	2004-07-22	

Mechanical

Number of Cylinders:	0	Displ(in^3/Rev):	5.04
Bore Size(in):	0.00	Displ(ft^3/hr):	612.50
Stroke(in):	0.00		
Overall Length (in):	10.12	Mounting Length (in):	7.50
Overall Width (in):	9.67	Mounting Width (in):	7.50
Overall Height (in):	17.23	Mounting Height (in):	17.98 *

Suction Size (in):	7/8 Stub
Discharge Size (in):	1/2 Stub
Oil Recharge (oz):	60
Initial Oil Charge (oz):	64
Net Weight (lbs):	80
Internal Free Volume (in^3):	363.0
Horse Power:	5

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

Electrical

LRA-High*:	123	MCC (Amps):	23.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	15-Jun-1994
LRA Low*:		Max Operating Current:	22.0		
RLA(=MCC/1.4;use for contactor selection):		16.4			
RLA(=MCC/1.56;use for breaker & wire size		14.7			

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-134a HFC	50	3	200/220	Extended Medium Temp
R-134a HFC	50	3	200/220	High Temperature
R-22 HCFC	50	3	200/220	Medium Temperature
R-404A HFC	50	3	200/220	Extended Medium Temp
R-507 HFC	50	3	200/220	Extended Medium Temp
R-134a HFC	60	3	200/230	Extended Medium Temp
R-134a HFC	60	3	200/230	High Temperature
R-404A HFC	60	3	200/230	Extended Medium Temp
R-507 HFC	60	3	200/230	Extended Medium Temp

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