ZS09KAE-TF5

HFC, R-404A, 60Hz, 3- Phase, 200/230 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)	40.0 / 120.0	40.0 / 120.0
Capacity (Btu/hr)	8800	4570
Power (Watts):	1430	1255
Current (Amps):	4.70	4.35
EER (Btu/Wh):	6.15	3.65
Mass Flow (lbs/hr):	210	104
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	2013-04-17	

Mechanical

Number of Cylinders:	0	Displ(in^3/Rev):	1.31
Bore Size(in):	0.00	Displ(ft^3/hr):	158.84
Stroke(in):	0.00		
Overall Length (in):	9.69	Mounting Length (in):	7.50
Overall Width (in):	9.69	Mounting Width (in):	7.50
Overall Height (in):	15.72	Mounting Height (in):	16.00 *

Suction Size (in):	3/4 Stub
Discharge Size (in):	1/2 Stub
Oil Recharge (oz):	19
Initial Oil Charge (oz):	25
Net Weight (lbs):	49
Internal Free Volume (in^3):	128.0
Horse Power:	1.3

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

Electrical

LRA-High*:	55.4	MCC (Amps):	11.2	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	16-Dec-2005
LRA Low*:		Max Operating Current:	6.7		

RLA(=MCC/1.4;use for contactor selection): 8

RLA(=MCC/1.56;use for breaker & wire size selection): 7.2

*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-22 HCFC	50	3	200/220	High Temp
R-134a HFC	50	3	200/220	High Temp
R-404A HFC	50	3	200/220	Extended Medium Temp
R-507 HFC	50	3	200/220	Medium Temperature
R-407C HFC	50	3	200/220	High Temp
R-407A HFC	50	3	200/220	Extended Medium Temp
R-448A HFO	50	3	200/220	Extended Medium Temp
R-449A HFO	50	3	200/220	Extended Medium Temp
R-22 HCFC	60	3	200/230	High Temp
R-134a HFC	60	3	200/230	High Temp

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Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-507 HFC	60	3	200/230	Medium Temperature
R-407C HFC	60	3	200/230	High Temp
R-407A HFC	60	3	200/230	Extended Medium Temp
R-448A HFO	60	3	200/230	Medium Temperature
R-449A HFO	60	3	200/230	Medium Temperature
R-507 HFC	60	3	200/230	Extended Medium Temp
R-507 HFC	50	3	200/220	Extended Medium Temp
R-404A HFC	50	3	200/220	Medium Temperature
R-404A HFC	60	3	200/230	Medium Temperature
R-449A HFO	50	3	200/220	Medium Temperature
R-448A HFO	50	3	200/220	Medium Temperature
R-448A HFO	60	3	200/230	Extended Medium Temp
R-449A HFO	60	3	200/230	Extended Medium Temp

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