ZS45K4E-TF5

HFC, R-404A, 60 Hz, 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

Evaporator Temp. (°F)	20	-10
Condensing Temp. (°F)	120	120
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	120	120
Capacity (Btu/hr)	44100	24000
Power (W):	6100	5050
Current (Amps):	18.70	16.40
EER (Btu/Wh):	7.20	4.70
Mass Flow (lbs/hr):	930	490
Sound Data @		
Sound Power (dBA):	78 Avg	83 Max
Vibration mils(peak-peak):	2.0 Avg	3.0 Max
Record Date:	2004-06-15	

Mechanical

Displacment(in^3/Rev):	5.98
Displacment(ft^3/hr):	727.10
Overall Length (in):	9.67
Overall Width (in):	10.12
Overall Height (in):	17.23
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	17.98 *
Suction Size (in),Type:	7/8 Stub
Discharge Size (in),Type:	1/2 Stub
Initial Oil Charge (oz):	64
Oil Recharge (oz):	60
Net Weight (lbs):	87.0
Internal Free Volume (in^3):	344.0
Horse Power:	6.00

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

Electrical

LRA-High*(Amp):	156.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	33.5
Max Operating Current(Amp):	25.0
RLA, MCC/1.4;use for contactor selection (Amp):	23.9
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	21.5
RPM:	3500
Box IP	21
UL File No:	SA-2337
UL File Date:	1994-06-15

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

Capacitors

Alternate Applications

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

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Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-22 HCFC	200/230	3	60	Medium Temperature
R-407C HFC	200/230	3	60	Extended Medium Temp
R-407C HFC	200/220	3	50	Extended Medium Temp
R-407A HFC	200/220	3	50	Extended Medium Temp
R-407A HFC	200/230	3	60	Extended Medium Temp
R-448A HFO	200/230	3	60	Extended Medium Temp
R-448A HFO	200/220	3	50	Extended Medium Temp
R-449A HFO	200/220	3	50	Extended Medium Temp
R-449A HFO	200/230	3	60	Extended Medium Temp

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