

ZB58K5E-TFC

HCFC, R-22, 60 Hz, 3 -Phase, 208/230 V
High 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)	45	20
Condensing Temp. (°F)	130	120
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	130	120
Capacity (Btu/hr)	89500	56000
Power (W):	8200	7250
Current (Amps):	25.00	22.80
EER (Btu/Wh):	10.90	7.70
Mass Flow (lbs/hr):	1410	820
<u>Sound Data @</u>		
Sound Power (dBA):	82 Avg	87 Max
Vibration mils(peak-peak):	3.0 Avg	4.5 Max
Record Date:	2012-12-13	

Mechanical

Displacment(in ³ /Rev):	7.76
Displacment(ft ³ /hr):	942.69
Overall Length (in):	11.01
Overall Width (in):	11.65
Overall Height (in):	19.88
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	20.13 *
Suction Size (in),Type:	1 3/4 Rotolo
Discharge Size (in),Type:	1 1/4 Rotolo
Initial Oil Charge (oz):	114
Oil Recharge (oz):	110
Net Weight (lbs):	126.0
Internal Free Volume (in ³):	
Horse Power:	8.00

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

Electrical

LRA-High*(Amp):	195.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	45.0
Max Operating Current(Amp):	35.4
RLA, MCC/1.4;use for contactor selection (Amp):	32.1
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	28.8
RPM:	3500
UL File No:	
UL File Date:	

*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	3	50	High Temp
R-134a HFC	208/230	3	60	High Temp
R-404A HFC	200	3	50	Medium Temperature
R-404A HFC	208/230	3	60	Medium Temperature
R-507 HFC	200	3	50	Medium Temperature
R-507 HFC	208/230	3	60	Medium Temperature
R-22 HCFC	200	3	50	High Temp
R-407C HFC	200	3	50	High Temp
R-407C HFC	208/230	3	60	High Temp
R-407A HFC	200	3	50	Medium Temperature

Alternate Applications

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Freq (Hz)</u>	<u>Application</u>
R-407A HFC	208/230	3	60	Medium Temperature
R-407F HFC	200	3	50	Medium Temperature
R-407F HFC	208/230	3	60	Medium Temperature
R-448A HFO	200	3	50	Medium Temperature
R-448A HFO	208/230	3	60	Medium Temperature
R-449A HFO	200	3	50	Medium Temperature
R-449A HFO	208/230	3	60	Medium Temperature