

ZB58K5E-TFE

HCFC, R-22, 60 Hz, 3 -Phase, 575 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):	10.00	9.10
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

Displacement(in ³ /Rev):	7.76
Displacement(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):	80.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	16.8
Max Operating Current(Amp):	12.3
RLA, MCC/1.4;use for contactor selection (Amp):	12.0
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	10.8
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	575	3	60	High Temp
R-404A HFC	575	3	60	Medium Temperature
R-507 HFC	575	3	60	Medium Temperature
R-407C HFC	575	3	60	High Temp
R-407A HFC	575	3	60	Medium Temperature
R-448A HFO	575	3	60	Medium Temperature
R-449A HFO	575	3	60	Medium Temperature