

ZR57K3E-TFD

HCFC, R-22, 60 Hz, 3 -Phase, 460 V

Air Conditioning



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	45
Condensing Temp. (°F)	130	100
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	115	85
Capacity (Btu/hr)	58500	68500
Power (W):	5000	3440
Current (Amps):	7.30	5.60
EER (Btu/Wh):	11.70	19.90
Mass Flow (lbs/hr):	860	880
Sound Data @		
Sound Power (dBA):	74 Avg	79 Max
Vibration mils(peak-peak):	2.0 Avg	3.0 Max
Record Date:	2014-03-06	

Electrical

LRA-High*(Amp):	62.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	12.8
Max Operating Current(Amp):	11.0
RLA, MCC/1.4;use for contactor selection (Amp):	9.1
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	8.2
RPM:	3500
UL File No:	SA-2337
UL File Date:	1993-07-26
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

Mechanical

Displacment(in^3/Rev):	4.71
Displacment(ft^3/hr):	572.40
Overall Length (in):	9.69
Overall Width (in):	9.69
Overall Height (in):	17.24
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	17.99 *
Suction Size (in),Type:	7/8 Stub
Discharge Size (in),Type:	1/2 Stub
Initial Oil Charge (oz):	66
Oil Recharge (oz):	62
Net Weight (lbs):	85.0
Internal Free Volume (in^3):	257.0
Horse Power:	4.75
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Capacitors

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-22 HCFC	380/420	3	50	Air Conditioning
R-407C HFC	460	3	60	Air Conditioning
R-407C HFC	380/420	3	50	Air Conditioning