

ZRD125KCE-TF5

HCFC, R-22, 60 Hz, 3 -Phase, 200/230 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	35
Condensing Temp. (°F)	130	120
Return Gas Temp. (°F)	65	55
Liquid Temp. (°F)	115	105
Capacity (Btu/hr)	127000	111000
Power (W):	10800	9550
Current (Amps):	32.40	29.50
EER (Btu/Wh):	11.80	11.60
Mass Flow (lbs/hr):	1870	1580
<u>Sound Data @</u>		
Sound Power (dBA):	80 Avg	85 Max
Vibration mils(peak-peak):	3.0 Avg	4.5 Max
Record Date:	2016-06-17	

Mechanical

Displacment(in ³ /Rev):	10.11
Displacment(ft ³ /hr):	1228.16
Overall Length (in):	11.55
Overall Width (in):	11.23
Overall Height (in):	21.00
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	21.25 *
Suction Size (in),Type:	1 3/8 Stub
Discharge Size (in),Type:	7/8 Stub
Initial Oil Charge (oz):	110
Oil Recharge (oz):	106
Net Weight (lbs):	136.0
Internal Free Volume (in ³):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical

LRA-High*(Amp):	239.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	58.0
Max Operating Current(Amp):	39.1
RLA, MCC/1.4;use for contactor selection (Amp):	41.4
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	37.2
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-22 HCFC	200/220	3	50	Air Conditioning
R-22 HCFC	200/220	3	50	A/C, 50% Load Of Compressor
R-22 HCFC	200/230	3	60	A/C, 50% Load Of Compressor
R-407C HFC	200/230	3	60	Air Conditioning
R-407C HFC	200/220	3	50	Air Conditioning
R-407C HFC	200/220	3	50	A/C, 25% Load of Compressor
R-407C HFC	200/220	3	50	A/C, 25% Load of Compressor
R-407C HFC	200/230	3	60	A/C, 50% Load Of Compressor