

ZR125KCE-TF5

HFC, R-407C, 60 Hz, 3 - Phase, 200/230 V , [Also Available with Variable Frequency Drives](#)

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			Mechanical					
Evaporator Temp. (°F)	45.00	35	Displacement (in^3/Rev):			10.20		
Condensing Temp. (°F)	130.00	120	Displacement (ft^3/Hr):					
Return Gas Temp. (°F)	65.00	55	Overall Length (in):			10.38		
Liquid Temp. (°F)	115.00	105	Overall Width (in):			11.23		
Capacity (BTU/hr)	125000	108000	Overall Height (in):			21.00		
Power (W):	10850	9590	Mounting Length (in):			7.50		
Current (Amps):	32.6	29.5	Mounting Width (in):			7.50		
EER(BTU/Wh):	11.5	11.3	Mounting Height (in):			21.75		
Mass Flow (lbs/hr):	1820	1510	Suction Size (in),Type:			1 3 / 8 Stub		
Sound Data @			Discharge Size (in),Type:			7 / 8 Stub		
Sound Power (dBA):	80 Avg	85 Max	Initial Oil Charge (oz):			110		
Vibration mils(peak-peak):	3.0 Avg	4.0 Max	Oil Recharge (oz):			106		
Record Date:	2017-03-22		Oil Type:			3MA		
			Net Weight (lbs):			135.0		
			Internal Free Volume (in^3):			809.0		
			Horse Power:			10.0		
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.					
Electrical			Capacitors					
LRA High* (Amps):		239	Type	Part No	Low MFD	High MFD	Volts	User Description
LRA Low*(Amps):			No data available in table					
LRA Half Winding (Amps):								
MCC (Amps):		58						
Max Operating Current (Amps):		39.1						
RLA, MCC/1.4(use for contactor selection)(Amps):		41.4						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):		37.2						
RPM:		3500						
Box IP :		21						
UL File No:		SA-2337						
UL File Date:		1996-09-27						

European Pressure Equipment Directive (PED):

Fluid Group**:	FG 2
PS Low / High Side (BAR):	20.0 / 32.0
TS Min (°C):	-35
TS Max (°C):	50
Volume (L) :	12.6 / 1.5

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

Alternate Applications				
Refrigerant	Voltage	Phase	Frequency	Application
R-134a HFC	200/220	3	50	Air Conditioning
R-134a HFC	200/230	3	60	Air Conditioning
R-22 HCFC		3	50	Air Conditioning
R-22 HCFC		3	60	Air Conditioning
R-407C HFC	200/220	3	50	Air Conditioning