

**ZR125KCE-TF5**HCFC, R-22, 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 Copeland Representative for international availability.

Performance			Mechanical		
Evaporator Temp. (°F)	45.00	45	Displacement (in <sup>3</sup> /Rev):	10.20	
Condensing Temp. (°F)	130.00	100	Displacement (ft <sup>3</sup> /Hr):		
Return Gas Temp. (°F)	65.00	65	Overall Length (in):	11.23	
Liquid Temp. (°F)	115.00	85	Overall Width (in):	11.07	
Capacity (BTU/hr)	128000	150000	Overall Height (in):	20.99	
Power (W):	10900	7950	Mounting Length (in):	7.50	
Current (Amps):	32.6	25.7	Mounting Width (in):	7.50	
EER(BTU/Wh):	11.7	18.9	Mounting Height (in):	21.74	
Mass Flow (lbs/hr):	1880	1930	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:	2023-05-19		Oil Type:	3MA	
			Net Weight (lbs):	135.0	
			Internal Free Volume (in <sup>3</sup> ):	809	
			Horse Power:		
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.		

Electrical		Capacitors					
		Type	Part No	Low MFD	High MFD	Volts	User Description
LRA High* (Amps):	239.0	No data available in table					
LRA Low*(Amps):							
LRA Half Winding (Amps):							
MCC (Amps):	58						
Max Operating Current (Amps):	39.10						
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						

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**European Pressure Equipment Directive (PED):**

<b>Fluid Group**:</b>	FG 2
<b>PS Low / High Side (BAR):</b>	20.0 / 32.0
<b>TS Min (°C):</b>	-35 / -35
<b>TS Max (°C):</b>	50 / 150
<b>Volume (L) :</b>	1.5 / 12.6

\*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	200/220	3	50	Air Conditioning
R-407C HFC	200/220	3	50	Air Conditioning
R-407C HFC	200/230	3	60	Air Conditioning