

ZR125KCE-TF5HFC, R-134a, 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	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):		11.23			
Liquid Temp. (°F)	115.00	105	Overall Width (in):		11.07			
Capacity (BTU/hr)	85000	73500	Overall Height (in):		20.99			
Power (W):	7570	6670	Mounting Length (in):		7.50			
Current (Amps):	24.75	22.95	Mounting Width (in):		7.50			
EER(BTU/Wh):	11.25	11	Mounting Height (in):		21.74			
Mass Flow (lbs/hr):	1350	1125	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 ³):		809.0			
			Horse Power:		10.0			
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.					
Electrical			Capacitors					
LRA High* (Amps):	239.0		Type	Part No	Low MFD	High MFD	Volts	User Description
LRA Low*(Amps):			No data available in table					
LRA Half Winding (Amps):								
MCC (Amps):	55							
Max Operating Current (Amps):	39.10							
RLA, MCC/1.4(use for contactor selection)(Amps):	39.3							
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	35.3							
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 / -35
TS Max (°C):	50 / 150
Volume (L) :	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-22 HCFC	200/220	3	50	Air Conditioning
R-22 HCFC	200/230	3	60	Air Conditioning
R-407C HFC	200/220	3	50	Air Conditioning
R-407C HFC	200/230	3	60	Air Conditioning