

ZR108KCE-TF5

HFC, 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):		8.72			
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)	72100	62200	Overall Height (in):		20.99			
Power (W):	6440	5660	Mounting Length (in):		7.50			
Current (Amps):	22.9	21.25	Mounting Width (in):		7.50			
EER(BTU/Wh):	11.2	11	Mounting Height (in):		21.74			
Mass Flow (lbs/hr):	1145	955	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):		132.0			
			Internal Free Volume (in^3):		809.0			
			Horse Power:		9.0			
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.					
Electrical			Capacitors					
LRA High* (Amps):		225.0	Type	Part No	Low MFD	High MFD	Volts	User Description
LRA Low*(Amps):			No data available in table					
LRA Half Winding (Amps):								
MCC (Amps):		44						
Max Operating Current (Amps):		33.60						
RLA, MCC/1.4(use for contactor selection)(Amps):		31.4						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):		28.2						
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 / -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	200/230	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