

ZR108KCE-TFD

HCFC, R-22, 60 Hz, 3 - Phase, 460 V

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^3/Rev):	8.72
Condensing Temp. (°F)	130.00	100	Displacement (ft^3/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)	109000	128000	Overall Height (in):	20.99
Power (W):	9200	6750	Mounting Length (in):	7.50
Current (Amps):	14.1	11.4	Mounting Width (in):	7.50
EER(BTU/Wh):	11.9	18.9	Mounting Height (in):	21.74
Mass Flow (lbs/hr):	1600	1640	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
			Horse Power:	
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors				
LRA High* (Amps):		Type	Part No	Low MFD	High MFD	Volts User Description
LRA Low*(Amps):		No data available in table				
LRA Half Winding (Amps):						
MCC (Amps):						
Max Operating Current (Amps):						
RLA, MCC/1.4(use for contactor selection)(Amps):	1.0					
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):						
RPM:	3500					
Box IP :	21					
UL File No:	SA-2337					
UL File Date:	1996-09-27					

*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	460	3	60	Air Conditioning
R-134a HFC	380/420	3	50	Air Conditioning
R-22 HCFC	380/420	3	50	Air Conditioning
R-407C HFC	460	3	60	Air Conditioning
R-407C HFC	380/420	3	50	Air Conditioning