

ZRT250KC-TF5

HCFC, R-22, 60 Hz, 3 - Phase, 200/230 V

Air Conditioning

Production Status: Available for sale to all U.S. customers. Please check with your local Copeland Representative for international availability.

Summary

Performance		
Evaporator Temp. (°F)	45.00	35
Condensing Temp. (°F)	130.00	120
Return Gas Temp. (°F)	65.00	55
Liquid Temp. (°F)	115.00	105
Capacity (BTU/hr)	252000	221000
Power (W):	21900	19300
Current (Amps):	65.4	59.4
EER(BTU/Wh):	11.5	11.4
Mass Flow (lbs/hr):	3700	3140
Sound Data @		
Sound Power (dBA):	83 Avg	88 Max
Vibration mils(peak-peak):	2.5 Avg	3.5 Max
Record Date:	2016-06-20	
Mechanical		
Displacement (in ³ /Rev):	20.21	
Displacement (ft ³ /Hr):		
Overall Length (in):	29.78	
Overall Width (in):	15.71	
Overall Height (in):	22.74	
Mounting Length (in):	19.75	
Mounting Width (in):	9.97	
Mounting Height (in):	23.10	

Suction Size (in),Type: 1 5 / 8 Stub

Discharge Size (in),Type: 1 3 / 8 Stub

Initial Oil Charge (oz): 220

Oil Recharge (oz): 212

Oil Type:

Net Weight (lbs): 289.0

Internal Free Volume (in³):

*Overall compressor height on Copeland Brand Product's specified mounting grommets.

Electrical

LRA High* (Amps):

LRA Low*(Amps):

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 :

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.

Capacitors

Type	Part No	Low MFD	High MFD	Volts	User Description
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No data available in table

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	Application
R-22 HCFC	200/220	3	50	Air Conditioning

Nomenclature

Family Series

Z: Scroll

Application Range

R: A/C - R-22/407C/134a

Modulation

T: Even Tandem

T: Even Tandem

Capacity

250K: Capacity Multiplier-1000

Model Variation

C: Model Variation

Oil Type

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Motor Type

T: 3 Phase

Motor Protection

F: Internal Inherent Protection

Voltage

5: 60Hz (200/230-3) 50Hz (200/220-3)