

FULL SPECIFICATION REPORT

COPELAND

Date : 17-Apr-2025 11:01:18 AM

Model No: ZR22K3E-TFD

Refrigerant: R-407C

Voltage: 460

Phase: 3

Product Type: Scroll

Serial No: *****

Frequency (Hz): 60

Application: Air Conditioning

Status: OEM Production

Mechanical

Overall Dimensions (in)	9.7L x 9.7W x 14.3H
Mounting Dimensions (in)	7.5L x 7.5W
Suction Size (in)/Type	3/4 Stub
Discharge Size (in)/Type	1/2 Stub
Oil	3MA (Polyol Ester Oil)
Oil Charge (oz)	38
Oil Recharge (oz)	34
Net Weight (lb)	54.1
Internal Free Volume (in^3)	175

Electrical

LRA High (Amps)	22.4
RLA (MCC/1.4) (Amps)	3.9
RLA (MCC/1.56) (Amps)	3.5
MCC (Amps)	5.5
RPM	3500
UL File No.	SA2337-19940614
UL File Date	14 Jun 1994
Box IP	21

Performance

	#1	#2
Capacity (Btu/hr)	20,800	25,300
Evaporator Temp. (°F)	45	45
Condensing Temp. (°F)	130	100
Return Gas Temp. (°F)	65	65
Subcooling (F)	15	15
Power (W)	2,110	1,350
EER (Btu/Wh)	9.86	18.74
Current (Amps)	3.3	2.5
Full Performance (PDF)	Full Performance	

Operating Envelope

