

FULL SPECIFICATION REPORT

COPELAND

Date : 15-Apr-2025 2:04:35 PM

Model No: ZR40K3E-PFV

Refrigerant: R-407C

Voltage: 208/230

Phase: 1

Product Type: Scroll

Serial No: *****

Frequency (Hz): 60

Application: Air Conditioning

Status: OEM Production

Mechanical

Overall Dimensions (in)	9.7L x 9.7W x 15.8H
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)	42
Oil Recharge (oz)	38
Net Weight (lb)	65.4
Internal Free Volume (in^3)	182

Electrical

LRA High (Amps)	104.0
RLA (MCC/1.4) (Amps)	20.0
RLA (MCC/1.56) (Amps)	17.9
MCC (Amps)	28.0
RPM	3500
UL File No.	SA2337-19940614
UL File Date	14 Jun 1994
Box IP	21

Performance

	#1	#2
Capacity (Btu/hr)	38,500	46,500
Evaporator Temp. (°F)	45	45
Condensing Temp. (°F)	130	100
Return Gas Temp. (°F)	65	65
Subcooling (F)	15	15
Power (W)	3,580	2,400
EER (Btu/Wh)	10.75	19.38
Current (Amps)	16.6	11.7
Full Performance (PDF)	Full Performance	

Operating Envelope

