

FULL SPECIFICATION REPORT

COPELAND

Date : 15-Apr-2025 2:06:24 PM

Model No:	ZR48K3E-PFV	Serial No:	*****
Refrigerant:	R-407C	Frequency (Hz):	60
Voltage:	208/230	Application:	Air Conditioning
Phase:	1	Status:	OEM Production
Product Type:	Scroll		

Mechanical

Overall Dimensions (in)	9.7L x 9.7W x 16.4H
Mounting Dimensions (in)	7.5L x 7.5W
Suction Size (in)/Type	7/8 Stub
Discharge Size (in)/Type	1/2 Stub
Oil	3MA (Polyol Ester Oil)
Oil Charge (oz)	42
Oil Recharge (oz)	38
Net Weight (lb)	71
Internal Free Volume (in^3)	205

Electrical

LRA High (Amps)	137.0
RLA (MCC/1.4) (Amps)	22.1
RLA (MCC/1.56) (Amps)	19.9
MCC (Amps)	31.0
RPM	3500
UL File No.	SA2337-19940614
UL File Date	14 Jun 1994
Box IP	21

Performance

	#1	#2
Capacity (Btu/hr)	47,200	57,000
Evaporator Temp. (°F)	45	45
Condensing Temp. (°F)	130	100
Return Gas Temp. (°F)	65	65
Subcooling (F)	15	15
Power (W)	4,410	2,950
EER (Btu/Wh)	10.70	19.32
Current (Amps)	20.3	14.3
Full Performance (PDF)	Full Performance	

Operating Envelope

