

FULL SPECIFICATION REPORT

COPELAND

Date : 15-Apr-2025 1:19:29 PM

Model No:	ZR25K5E-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 15.3H
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)	25
Oil Recharge (oz)	19
Net Weight (lb)	50.1
Internal Free Volume (in^3)	118

Electrical

LRA High (Amps)	68.0
RLA (MCC/1.4) (Amps)	15.0
RLA (MCC/1.56) (Amps)	13.5
MCC (Amps)	21.0
RPM	3500
UL File No.	SA2337-20031216
UL File Date	16 Dec 2003
Box IP	21

Performance

	#1	#2
Capacity (Btu/hr)	24,300	32,800
Evaporator Temp. (°F)	45	50
Condensing Temp. (°F)	130	100
Return Gas Temp. (°F)	65	70
Subcooling (F)	15	15
Power (W)	2,360	1,535
EER (Btu/Wh)	10.30	21.37
Current (Amps)	10.4	6.7
Full Performance (PDF)	Full Performance	

Operating Envelope

