

FULL SPECIFICATION REPORT

COPELAND

Date : 15-Apr-2025 1:18:23 PM

Model No: ZR18K5E-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)	48.9
Internal Free Volume (in^3)	123

Electrical

LRA High (Amps)	55.0
RLA (MCC/1.4) (Amps)	10.7
RLA (MCC/1.56) (Amps)	9.6
MCC (Amps)	15.0
RPM	3500
UL File No.	SA2337-20031216
UL File Date	16 Dec 2003
Box IP	56

Performance

	#1	#2
Capacity (Btu/hr)	17,300	23,400
Evaporator Temp. (°F)	45	50
Condensing Temp. (°F)	130	100
Return Gas Temp. (°F)	65	70
Subcooling (F)	15	15
Power (W)	1,750	1,125
EER (Btu/Wh)	9.89	20.80
Current (Amps)	7.6	5.2
Full Performance (PDF)	Full Performance	

Operating Envelope

