

FULL SPECIFICATION REPORT

COPELAND

Date : 16-Apr-2025 9:39:49 AM

Model No:	ZP49K5E-TFD	Serial No:	*****
Refrigerant:	R-410A	Frequency (Hz):	60
Voltage:	460	Application:	Air Conditioning
Phase:	3	Status:	Service Replacement
Product Type:	Scroll		

Mechanical

Overall Dimensions (in)	9.7L x 9.7W x 16.5H
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)	36
Net Weight (lb)	72.8
Internal Free Volume (in^3)	190.8

Electrical

LRA High (Amps)	52.0
RLA (MCC/1.4) (Amps)	7.9
RLA (MCC/1.56) (Amps)	7.1
MCC (Amps)	11.0
RPM	3500
UL File No.	SA2337-20031217
UL File Date	21 Mar 2014
Box IP	21

Performance

	#1	#2
Capacity (Btu/hr)	50,000	67,000
Evaporator Temp. (°F)	45	50
Condensing Temp. (°F)	130	100
Return Gas Temp. (°F)	65	70
Subcooling (F)	15	15
Power (W)	4,650	3,090
EER (Btu/Wh)	10.75	21.68
Current (Amps)	6.5	4.7
Full Performance (PDF)	Full Performance	

Operating Envelope

