

FULL SPECIFICATION REPORT

COPELAND

Date : 16-Apr-2025 3:29:10 PM

Model No:	ZP54K5E-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)	71.4
Internal Free Volume (in^3)	190.8

Electrical

LRA High (Amps)	52.0
RLA (MCC/1.4) (Amps)	8.6
RLA (MCC/1.56) (Amps)	7.8
MCC (Amps)	12.1
RPM	3500
UL File No.	SA2337-20031217
UL File Date	21 Mar 2014
Box IP	21

Performance

	#1	#2
Capacity (Btu/hr)	54,300	73,800
Evaporator Temp. (°F)	45	50
Condensing Temp. (°F)	130	100
Return Gas Temp. (°F)	65	70
Subcooling (F)	15	15
Power (W)	5,070	3,400
EER (Btu/Wh)	10.71	21.71
Current (Amps)	7.2	4.9
Full Performance (PDF)	Full Performance	

Operating Envelope

