

FULL SPECIFICATION REPORT

COPELAND

Date : 16-Apr-2025 5:18:34 PM

Model No: ZP61K5E-TF7

Refrigerant: R-410A

Voltage: 380/400

Phase: 3

Product Type: Scroll

Serial No: *****

Frequency (Hz): 60

Application: Air Conditioning

Status: Service Replacement

Mechanical

Overall Dimensions (in)	9.3L x 9.3W x 16.9H
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)	77.2
Internal Free Volume (in^3)	204

Electrical

LRA High (Amps)	83.0
RLA (MCC/1.4) (Amps)	11.4
RLA (MCC/1.56) (Amps)	10.3
MCC (Amps)	16.0
RPM	3500
UL File No.	SA2337-20031217
UL File Date	21 Mar 2014
Box IP	56

Performance

	#1	#2
Capacity (Btu/hr)	61,500	83,000
Evaporator Temp. (°F)	45	50
Condensing Temp. (°F)	130	100
Return Gas Temp. (°F)	65	70
Subcooling (F)	15	15
Power (W)	5,700	3,750
EER (Btu/Wh)	10.79	22.13
Current (Amps)	9.7	7.0
Full Performance (PDF)	Full Performance	

Operating Envelope

