

FULL SPECIFICATION REPORT

COPELAND

Date : 15-Apr-2025 2:33:39 PM

Model No: ZR48KEE-TF7

Refrigerant: R-22

Voltage: 380/400

Phase: 3

Product Type: Scroll

Serial No: *****

Frequency (Hz): 60

Application: Air Conditioning

Status: Preliminary Only

Mechanical

Overall Dimensions (in)	9.7L x 9.7W x 16.4H
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)	46
Oil Recharge (oz)	42
Net Weight (lb)	63
Internal Free Volume (in^3)	--

Electrical

LRA High (Amps)	61.4
RLA (MCC/1.4) (Amps)	9.2
RLA (MCC/1.56) (Amps)	8.3
MCC (Amps)	12.9
RPM	3500
UL File No.	SA2337-20031217
UL File Date	21 Mar 2014
Box IP	21

Performance

	#1	#2
Capacity (Btu/hr)	49,100	53,000
Evaporator Temp. (°F)	45	45
Condensing Temp. (°F)	130	117
Return Gas Temp. (°F)	65	65
Subcooling (F)	15	15
Power (W)	4,230	3,640
EER (Btu/Wh)	11.61	14.56
Current (Amps)	7.6	6.7
Full Performance (PDF)	Full Performance	

Operating Envelope

