

FULL SPECIFICATION REPORT

COPELAND

Date : 15-Apr-2025 2:13:15 PM

Model No: ZR190KCE-TW7

Refrigerant: R-134A

Voltage: 380/400

Phase: 3

Product Type: Scroll

Serial No: *****

Frequency (Hz): 60

Application: Air Conditioning

Status: OEM Production

Mechanical

Overall Dimensions (in)	12.9L x 11.7W x 21.7H
Mounting Dimensions (in)	7.5L x 7.5W
Suction Size (in)/Type	1 3/8 Stub
Discharge Size (in)/Type	7/8 Stub
Oil	3MA (Polyol Ester Oil)
Oil Charge (oz)	114
Oil Recharge (oz)	106
Net Weight (lb)	146
Internal Free Volume (in^3)	856

Electrical

LRA High (Amps)	196.0
RLA (MCC/1.4) (Amps)	35.7
RLA (MCC/1.56) (Amps)	32.1
MCC (Amps)	50.0
RPM	3500
UL File No.	SA2337-19960927
UL File Date	27 Sep 1996
Box IP	54

Performance

	#1	#2
Capacity (Btu/hr)	127,000	111,000
Evaporator Temp. (°F)	45	35
Condensing Temp. (°F)	130	120
Return Gas Temp. (°F)	65	55
Subcooling (F)	15	15
Power (W)	11,300	10,000
EER (Btu/Wh)	11.24	11.10
Current (Amps)	25.9	23.8
Full Performance (PDF)	Full Performance	

Operating Envelope

