

FULL SPECIFICATION REPORT

COPELAND

Date : 16-Apr-2025 5:51:05 PM

Model No: ZPD137KCE-TFD

Refrigerant: R-410A

Voltage: 460

Phase: 3

Product Type: Scroll

Serial No: *****

Frequency (Hz): 60

Application: Air Conditioning

Status: OEM Production

Mechanical

Overall Dimensions (in)	12.7L x 12.5W x 21.0H
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)	--
Internal Free Volume (in^3)	--

Electrical

LRA High (Amps)	125.0
RLA (MCC/1.4) (Amps)	20.7
RLA (MCC/1.56) (Amps)	18.6
MCC (Amps)	29.0
RPM	3500
UL File No.	SA2337-19960927
UL File Date	27 Sep 1996
Box IP	21

Performance

	#1	#2
Capacity (Btu/hr)	137,500	122,000
Evaporator Temp. (°F)	45	35
Condensing Temp. (°F)	130	120
Return Gas Temp. (°F)	65	55
Subcooling (F)	15	15
Power (W)	12,500	11,100
EER (Btu/Wh)	11.00	10.99
Current (Amps)	18.3	16.7
Full Performance (PDF)	Full Performance	

Operating Envelope

