

FULL SPECIFICATION REPORT

COPELAND

Date : 14-Jul-2025 12:46:49 PM

Model No: ZFD25KVE-TFE

Refrigerant: R-404A

Voltage: 575

Phase: 3

Product Type: Scroll

Serial No: 25A0035CD

Frequency (Hz): 60

Application: Low Temp

Status: OEM Production

Mechanical

Overall Dimensions (in)	9.7L x 10.1W x 18.9H
Mounting Dimensions (in)	7.5L x 7.5W
Suction Size (in)/Type	7/8 Stub
Discharge Size (in)/Type	3/4 Stub
Oil	POE (Polyol Ester Oil)
Oil Charge (oz)	64
Oil Recharge (oz)	60
Net Weight (lb)	95
Internal Free Volume (in^3)	--

Electrical

LRA High (Amps)	82.4
RLA (MCC/1.4) (Amps)	9.1
RLA (MCC/1.56) (Amps)	8.1
MCC (Amps)	12.7
RPM	3,500
UL File No.	SA2337-19940615
UL File Date	15 Jun 1994
Box IP	21

Performance

	#1	#2
Capacity (Btu/hr)	36,600	25,500
Evaporator Temp. (°F)	-25	-40
Condensing Temp. (°F)	105	105
Return Gas Temp. (°F)	65	65
Subcooling (F)	0	0
Power (W)	5,950	5,180
EER (Btu/Wh)	6.15	4.92
Current (Amps)	7.1	6.4
Full Performance (PDF)	Full Performance	

Operating Envelope

