

FULL SPECIFICATION REPORT

COPELAND

Date : 17-Apr-2025 2:56:01 PM

Model No: ZF13K4E-TFD

Refrigerant: R-134A

Voltage: 460

Phase: 3

Product Type: Scroll

Serial No: *****

Frequency (Hz): 60

Application: High Temp

Status: OEM Production

Mechanical

Overall Dimensions (in)	9.7L x 10.1W x 18.5H
Mounting Dimensions (in)	7.5L x 7.5W
Suction Size (in)/Type	1 1/4 Rotalock
Discharge Size (in)/Type	1 Rotalock
Oil	POE (Polyol Ester Oil)
Oil Charge (oz)	64
Oil Recharge (oz)	60
Net Weight (lb)	--
Internal Free Volume (in^3)	372.2

Electrical

LRA High (Amps)	49.5
RLA (MCC/1.4) (Amps)	8.2
RLA (MCC/1.56) (Amps)	7.4
MCC (Amps)	11.5
RPM	3500
UL File No.	SA2337-19940615
UL File Date	15 Jun 1994
Box IP	21

Performance

	#1	#2
Capacity (Btu/hr)	30,500	19,000
Evaporator Temp. (°F)	45	20
Condensing Temp. (°F)	130	120
Return Gas Temp. (°F)	65	65
Subcooling (F)	0	0
Power (W)	3,100	2,600
EER (Btu/Wh)	9.84	7.31
Current (Amps)	5.1	4.4
Full Performance (PDF)	Full Performance	

Operating Envelope

