

FULL SPECIFICATION REPORT

COPELAND

Date : 17-Apr-2025 2:56:49 PM

Model No: ZF18KVE-TFD

Refrigerant: R-407A

Voltage: 460

Phase: 3

Product Type: Scroll

Serial No: *****

Frequency (Hz): 60

Application: Low Temp, Economized

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)	345

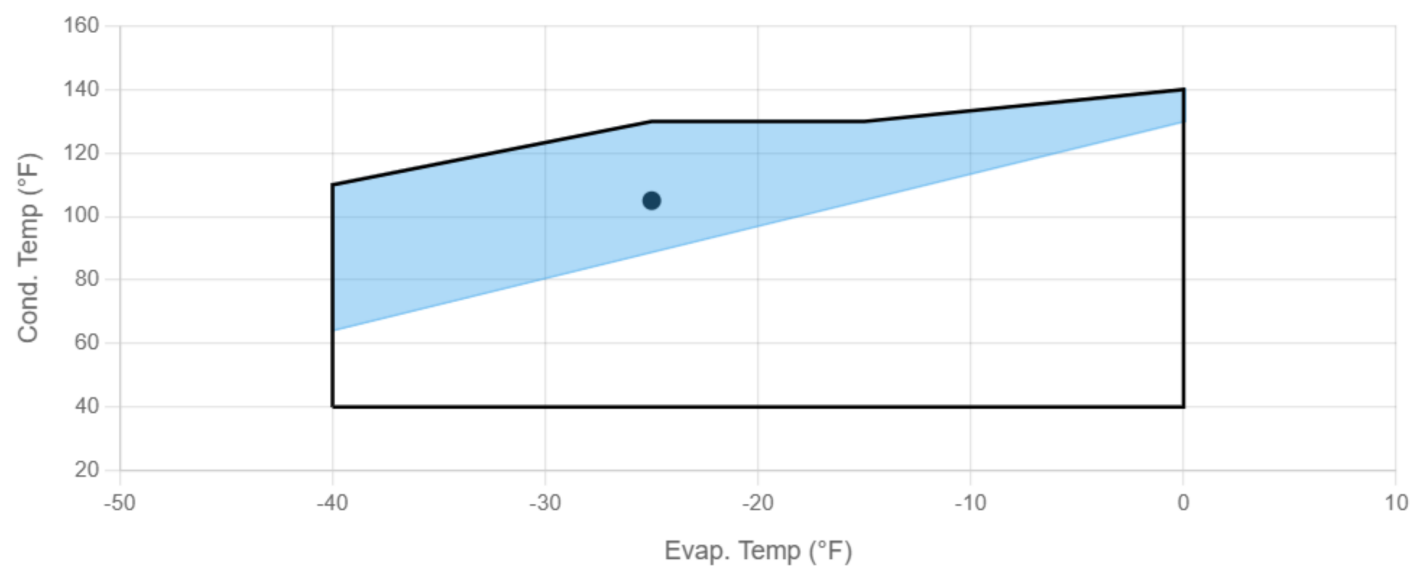
Electrical

LRA High (Amps)	75.0
RLA (MCC/1.4) (Amps)	9.4
RLA (MCC/1.56) (Amps)	8.5
MCC (Amps)	13.2
RPM	3500
UL File No.	SA2337-19940615
UL File Date	15 Jun 1994
Box IP	21

Performance

	#1	#2
Capacity (Btu/hr)	23,600	15,700
Evaporator Temp. (°F)	-25	-40
Condensing Temp. (°F)	105	105
Return Gas Temp. (°F)	65	65
Subcooling (F)	0	0
Power (W)	4,100	3,860
EER (Btu/Wh)	5.76	4.07
Current (Amps)	6.6	6.3
Full Performance (PDF)	Full Performance	

Operating Envelope



Shaded Area Restrictions: EVI + Demand Cooling Required