

FULL SPECIFICATION REPORT

COPELAND

Date : 17-Apr-2025 2:55:37 PM

Model No:	ZF09K4E-TFD	Serial No:	*****
Refrigerant:	R-404A	Frequency (Hz):	60
Voltage:	460	Application:	LT Low Cond (Scroll)
Phase:	3	Status:	OEM Production
Product Type:	Scroll		

Mechanical

Overall Dimensions (in)	9.4L x 9.6W x 16.6H
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)	49
Oil Recharge (oz)	45
Net Weight (lb)	--
Internal Free Volume (in^3)	237

Electrical

LRA High (Amps)	39.0
RLA (MCC/1.4) (Amps)	5.0
RLA (MCC/1.56) (Amps)	4.5
MCC (Amps)	7.0
RPM	3500
UL File No.	SA2337-19950228
UL File Date	28 Feb 1995
Box IP	21

Performance

	#1	#2
Capacity (Btu/hr)	12,200	8,400
Evaporator Temp. (°F)	-25	-40
Condensing Temp. (°F)	50	50
Return Gas Temp. (°F)	65	65
Subcooling (F)	0	0
Power (W)	1,240	1,135
EER (Btu/Wh)	9.84	7.40
Current (Amps)	2.4	2.2
Full Performance (PDF)	Full Performance	

Operating Envelope

