

FULL SPECIFICATION REPORT

COPELAND

Date : 17-Apr-2025 2:58:56 PM

Model No:	ZF34K5E-TFD	Serial No:	*****
Refrigerant:	R-404A	Frequency (Hz):	60
Voltage:	460	Application:	Low Temp, Liquid Inj
Phase:	3	Status:	OEM Production
Product Type:	Scroll		

Mechanical

Overall Dimensions (in)	11.0L x 10.6W x 21.0H
Mounting Dimensions (in)	7.5L x 7.5W
Suction Size (in)/Type	1 3/4 Rotalock
Discharge Size (in)/Type	1 1/4 Rotalock
Oil	POE (Polyol Ester Oil)
Oil Charge (oz)	114
Oil Recharge (oz)	110
Net Weight (lb)	--
Internal Free Volume (in^3)	--

Electrical

LRA High (Amps)	125.0
RLA (MCC/1.4) (Amps)	17.9
RLA (MCC/1.56) (Amps)	16.0
MCC (Amps)	25.0
RPM	3500
UL File No.	SA2337-20120117
UL File Date	17 Jan 2012
Box IP	54

Performance

	#1	#2
Capacity (Btu/hr)	32,000	21,300
Evaporator Temp. (°F)	-25	-40
Condensing Temp. (°F)	105	105
Return Gas Temp. (°F)	65	65
Subcooling (F)	0	0
Power (W)	6,600	5,950
EER (Btu/Wh)	4.85	3.58
Current (Amps)	11.9	11.2
Full Performance (PDF)	Full Performance	

Operating Envelope

