

FULL SPECIFICATION REPORT

COPELAND

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Model No: ZF33K4E-TWD

Refrigerant: R-134A

Voltage: 460

Phase: 3

Product Type: Scroll

Serial No: *****

Frequency (Hz): 60

Application: High Temp

Status: Service Replacement

Mechanical

Overall Dimensions (in)	12.4L x 14.5W x 21.3H
Mounting Dimensions (in)	8.7L x 8.7W
Suction Size (in)/Type	1 3/4
Discharge Size (in)/Type	1 1/4
Oil	POE (Polyol Ester Oil)
Oil Charge (oz)	140
Oil Recharge (oz)	137
Net Weight (lb)	221
Internal Free Volume (in^3)	1037

Electrical

LRA High (Amps)	127.0
RLA (MCC/1.4) (Amps)	18.1
RLA (MCC/1.56) (Amps)	16.3
MCC (Amps)	25.4
RPM	3500
UL File No.	SA-9747
UL File Date	12 Jul 1994
Box IP	54

Performance

	#1	#2
Capacity (Btu/hr)	76,500	48,800
Evaporator Temp. (°F)	45	20
Condensing Temp. (°F)	130	120
Return Gas Temp. (°F)	65	65
Subcooling (F)	0	0
Power (W)	8,350	6,600
EER (Btu/Wh)	9.16	7.39
Current (Amps)	13.8	11.9
Full Performance (PDF)	Full Performance	

Operating Envelope

