

FULL SPECIFICATION REPORT

COPELAND

Date : 17-Apr-2025 1:56:11 PM

Model No:	ZRH100KTE-TFD	Serial No:	*****
Refrigerant:	R-407C	Frequency (Hz):	60
Voltage:	460	Application:	Air Conditioning
Phase:	3	Status:	International Availability Only
Product Type:	Scroll		

Mechanical

Overall Dimensions (in)	23.1L x 12.4W x 9.7H
Mounting Dimensions (in)	10.6L x 8.7W
Suction Size (in)/Type	1 3/8 Stub
Discharge Size (in)/Type	7/8 Stub
Oil	3MA (Polyol Ester Oil)
Oil Charge (oz)	55
Oil Recharge (oz)	51
Net Weight (lb)	139
Internal Free Volume (in^3)	--

Electrical

LRA High (Amps)	114.0
RLA (MCC/1.4) (Amps)	17.3
RLA (MCC/1.56) (Amps)	15.5
MCC (Amps)	24.2
RPM	3500
UL File No.	SA2337-19960927
UL File Date	27 Sep 1996
Box IP	56

Performance

	#1	#2
Capacity (Btu/hr)	101,000	125,500
Evaporator Temp. (°F)	45	45
Condensing Temp. (°F)	130	100
Return Gas Temp. (°F)	65	65
Subcooling (F)	15	15
Power (W)	9,110	6,340
EER (Btu/Wh)	11.09	19.79
Current (Amps)	13.9	10.8
Full Performance (PDF)	Full Performance	

Operating Envelope

