



2016-09-09

TEST REPORT

THIS REPORT IS RENDERED TO MINEA ELECTRICAL APPLIANCE CO. LTD AND PERTAINS TO THE ENERGY EFFICIENCY TESTING FOR Wine Cooler

Applicant Name and Address: Minea Electrical Appliance Co. Ltd
Tongan Dadao Xi Industry Park, Dongfeng, Zhongshan, Guangdong, China

Manufacturer: Minea Electrical Appliance Co. Ltd

Listed Brand: Vinocave

Product Tested: CWC-150B

Relevant Standard: CEC-400-2015-021

Date of Test: See individual test date

Report No.: 4787364675.1.1-004

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Testing Report

Project No.: 4787364675.1.1

File No.: EV33915

Test Summary:

Testing project is on Wine Chiller and the tested model is CWC-150B. The test items include Energy Consumption test and Volume measurement.

The measured refrigerated volume for wine chiller is 134.98L (4.8 ft³). The energy consumption test result of tested model CWC-150B is 333.6kWh/year.

Test Standard of Requirement:

CEC-400-2015-021 – 2015 Appliance Efficiency Regulations

Test Laboratory/Location:

UL-CCIC Company Limited Guangzhou branch office

Electronic Building, parage Electronic Industrial Park, No.8 Nanyun Er Road, Guangzhou Science Park, Guangzhou.

Test Sample Description:

Sample Card No, Ratings and principal characteristics:

Model	CWC-150B
Rating	110-120VAC, 60Hz, 1.2A
Compressor Manufacturer	JK1111HY Jiaxipera Compressor Co. Ltd
Refrigerant	R600a, 1.0oz
Configuration Code	Wine Chiller
Defrost Code	Automatic defrost
Product Category	Wine chillers with automatic defrost



Testing Report

Project No.: 4787364675.1.1

File No.: EV33915

Model: CWC-150B

Date of Test: 2016-04-20

1. VOLUME MEASUREMENT

1.1 Volume to be included:

Compartment	Average Height mm	Average Width mm	Average Depth mm	Qty.	Gross Volume L
Cabinet	665.0	525.0	430.0	1	150.12
Door cabinet	670.0	540.0	10.0	1	3.62

1.2 Volume to be deducted:

Compartment/Description	Average Height mm	Average Width mm	Average Depth mm	Qty.	Volume L
Compressor Cabinet	80.0	114.0	525.0	1	4.79
Control Box	57.6	430.0	525.0	1	13.00
Rib strip-1	12.7	16.1	405	10	0.83
Rib strip-2	12.7	16.1	295.0	2	0.12
Thermostat cabinet	27.8	40.0	8.8	1	0.01

Compartment/Description	Average Diameter, mm	Average Height mm	Qty	Volume, L
Supporting Cylinder	11.2	11.2	10	0.01

1.3 Net Interior (Refrigerated) Volume

Compartment	Net Volume, L (ft ³)
Refrigerated volume (Gross volume – Deductions)	134.98 (4.8)
Total Volume	134.98 (4.8)



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File No.: EV33915

Model: CWC-150B

Date of Test: From 2016-04-13 to 2016-04-14

2. ENERGY CONSUMPTION TEST

	Test 1	Test 2
Type of Unit	Wine chiller	
Ambient Temperature (°F)	90.0	90.0
Voltage	115.2	115.1
Frequency, Hz	60	60
Thermostat Setting (Warmest) (Median) (Coldest)	Median	Coldest
Start Time	2016-04-13 01:59:52	2016-04-14 01:59:53
First Cycle On Time (duration)	6min 20sec	9min 00sec
First Cycle Off Time (duration)	14min 00sec	13min 20sec
End Time	2016-04-13 07:59:52	2016-04-14 07:59:53
Target Standardized Refrigerated Temperature (°F)	55	55
TR Average Refrigerated Temperature (°F)	63.80	56.20
T Test Period (min.)	360	360
EP Energy Consumption during test period (kWh)	0.2299	0.2688
K correction factor (0.85 for wine chiller)	0.85	
ET Test Cycle Energy Consumption per day (kWh/day)	0.7817	0.9139
E(D) Average Energy Consumption (kWh/day)	0.9139	
E(Y) Average Energy Consumption (kWh/year)	333.6	



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3. Photo of Tested Sample:






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4. Nameplate of Tested Sample:

Zhongshan Minea Electrical Appliance Co.,Ltd.	
Compressor Wine Cooler	
Model: CWC-150B	Intertek 3 1 1 6 5 6 0
Electrical rating: 110-120 VAC, 60Hz, 1.2A	
PTC Heater rating: 110-120 VAC,60Hz,1.0A	Conforms to UL STD.250 Certified to CSA STD.C22.2 NO.63 Free Standing or Built-in Installation
Refrigerant/Charge: R600a,1.0oz	
High side: 105 PSIG	Free Standing or Built-in Installation
Low side: 55 PSIG	
Production date:	Free Standing or Built-in Installation
Serial Number: Debout Tout Seul Ou Seulement par Installation Incorporée	

END