

TEST REPORT



REPORT NO.: CTNT240724006R

Product name: DEHUMIDIFIER

Model No.: CS06

Applicant: Guangdong Ruochuan Technology Co., Ltd

Test procedure: Entrustment test

Shenzhen CTNT Testing Technology Co., Ltd.



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TEST REPORT 10 CFR 430.32(v).(10 CFR 430, Subpart B, Appendix X.)	
Report Number	CTNT240724006R
Date of issue	Aug.07, 2024
Name of Testing Laboratory preparing the Report	Shenzhen CTNT Testing Technology Co., Ltd. Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China Tel: 086-755-28680489 E-mail: admin@ctnt-cert.com Web: www.ctnt-cert.com
Applicant's name	Guangdong Ruochuan Technology Co., Ltd
Address	802, Building 3, Jason Home Appliance Intelligent ManufacturingCenter, No.2, Huatian South 1st Road, Huakou Community, RongguiSubdistrict, Shunde District, Foshan City, Guangdong Province, China
Test specification:	
Standard	10 CFR 430.32(v). (10 CFR 430, Subpart B, Appendix X1.)
Test procedure	<input checked="" type="checkbox"/> DOE: Appendix X to Subpart B of Part 430 - Uniform Test Method for Measuring the Energy Consumption of dehumidifiers
Non-standard test method	N/A
Test Report Form No.	DOE- ECD-TRF
Test Report Form(s) Originator	1.0
Master TRF	CTNT
General disclaimer: The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing CTNT Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the CTNT, responsible for this Test Report.	
Test item description	DEHUMIDIFIER
Model/Type reference	CS06
Trade Mark	N/A
Manufacturer	Guangdong Ruochuan Technology Co., Ltd
Address	802, Building 3, Jason Home Appliance Intelligent ManufacturingCenter, No.2, Huatian South 1st Road, Huakou Community, RongguiSubdistrict, Shunde District, Foshan City, Guangdong Province, China
Ratings	120V~ 60Hz 80W

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Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):

Laboratory Name	Shenzhen CTNT Testing Technology Co., Ltd.	
Testing location/ address	Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China	
Tested by(Test Engineer).....	George Tian	George Tian
Reviewed By(Supervisor).....	Airan Lu	Airan Lu
Approved by(Chief Engineer)	Flight Lee	Flight Lee

Summary of testing:**Tests performed (name of test and test clause):**

Determination of the result includes consideration of measurement uncertainty from the test equipment and methods.

A representative sample of the product covered by this report has been tested and according to standard 10 CFR 430, Subpart B, Appendix X. the IEF is 1.15 liters/kWh.

Testing location:

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General conditions for measurements:**1.Test Room**

The tests shall be carried out in a room that has an air speed close to the appliance under test of ≤ 0.5 m/s. The ambient temperature shall be maintained at $65\text{ }^{\circ}\text{F} \pm 2.0\text{ }^{\circ}\text{F}$, $60\%\text{RH} \pm 2\%\text{RH}$ throughout the test.

2.Power supply

Where this standard is referenced by an external standard or regulation that specifies a test voltage and frequency, the test voltage and frequency so defined shall be used for all tests. Where the test voltage and frequency are not defined by an external standard, the test voltage and the test frequency shall be the nominal voltage and the nominal frequency of the country for which the measurement is being determined $\pm 1\%$.

3. Supply voltage waveform

The total harmonic content of the supply voltage when supplying the appliance under test in the specified mode shall not exceed 2% ; harmonic content is defined as the root-mean-square (r.m.s.) summation of the individual components using the fundamental as 100% .

4. Power measurement accuracy

Precision measurement of energy consumption shall be made with a precision equal to the greater of 0.1 Watt-hour or 1% of full-scale measurement.

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