

## 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.



<b>TEST REPORT</b> <b>10 CFR 430.32(v).(10 CFR 430, Subpart B, Appendix X.)</b>	
<b>Report Number</b> .....	CTNT240724006R
<b>Date of issue</b> .....	Aug.07, 2024
<b>Name of Testing Laboratory preparing the Report</b> .....	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
<b>Applicant's name</b> .....	Guangdong Ruochuan Technology Co., Ltd
<b>Address</b> .....	802, Building 3, Jason Home Appliance Intelligent ManufacturingCenter, No.2, Huatian South 1st Road, Huakou Community, RongguiSubdistrict, Shunde District, Foshan City, Guangdong Province, China
<b>Test specification:</b>	
<b>Standard</b> .....	10 CFR 430.32(v). (10 CFR 430, Subpart B, Appendix X1.)
<b>Test procedure</b> .....	<input checked="" type="checkbox"/> DOE: Appendix X to Subpart B of Part 430 - Uniform Test Method for Measuring the Energy Consumption of dehumidifiers
<b>Non-standard test method</b> .....	N/A
<b>Test Report Form No.</b> .....	DOE- ECD-TRF
<b>Test Report Form(s) Originator</b> .....	1.0
<b>Master TRF</b> .....	CTNT
<b>General disclaimer:</b>	
<p>The test results presented in this report relate only to the object tested.</p> <p>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.</p>	
<b>Test item description</b> .....	DEHUMIDIFIER
<b>Model/Type reference</b> .....	CS06
<b>Trade Mark</b> .....	N/A
<b>Manufacturer</b> .....	Guangdong Ruochuan Technology Co., Ltd
<b>Address</b> .....	802, Building 3, Jason Home Appliance Intelligent ManufacturingCenter, No.2, Huatian South 1st Road, Huakou Community, RongguiSubdistrict, Shunde District, Foshan City, Guangdong Province, China
<b>Ratings</b> .....	120V~ 60Hz 80W

This report may not be reproduced in part without permission to avoid ambiguous interpretation.

This report can be checked and verified in the following ways.

Tel: 0755-28680489      E-mail: admin@ctnt-cert.com      Web: www.ctnt-cert.com

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

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



**Summary of testing:**

<p><b>Tests performed (name of test and test clause):</b></p> <p>Determination of the result includes consideration of measurement uncertainty from the test equipment and methods.</p> <p>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.</p>	<p><b>Testing location:</b></p> <p>Shenzhen CTNT Testing Technology Co., Ltd. Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China</p> <p>Tel: 086-755-28680489 E-mail: admin@cntn-cert.com Web: www.cntn-cert.com</p>
---	--

**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  $\leq 0.5$  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.

This report may not be reproduced in part without permission to avoid ambiguous interpretation.

This report can be checked and verified in the following ways.

Tel: 0755-28680489      E-mail: admin@cntn-cert.com      Web: www.cntn-cert.com