

## TEST REPORT



REPORT NO.:CTNT2412250070401R

Product name: Single function bonus water dispenser for rain exposure

Model No.: RY-SH07-8"NI

Applicant: Wenzhou Ruiyu Sanitary Ware Co., Ltd

Test procedure: Entrustment Test

Shenzhen CTNT Testing Technology Co., Ltd.



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**TEST REPORT****Appendix S to Subpart B of Part 430—Uniform Test Method for Measuring the Water Consumption of Faucets and Showerheads**

Report Number. .... : CTNT2412250070401R

Date of issue ..... : Jan.15, 2025

**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  
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Applicant's name ..... : Wenzhou Ruiyu Sanitary Ware Co., Ltd

Address ..... : No. 37 Gongmao Road, Haicheng Street, Wenzhou Economic  
and Technological Development Zone, Zhejiang Province**Test specification:**Standard ..... : 10 CFR 430, Appendix S of Subpart B.  
10 CFR 430.32

Test procedure..... : 10 CFR 430, Appendix S of Subpart B.

Non-standard test method ..... : N/A

Test Report Form No..... : DOE- SLT-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.

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|                                    |   |
|------------------------------------|---|
| <b>Test item description</b> ..... | Single function bonus water dispenser for rain exposure   |
| <b>Model/Type reference</b> .....  | RY-SH07-8"NI, RY-SH07-8"BLACK, RY-SH07-8" BKGD, RY-SH08-5S8' NI, RY-SH08-5S8' BLACK, RY-SH08-5S8' BKGD, RY-SH02-3S12 BLACK, RY-SH02-3S12' NI, RY-SH02-3S8'B1ack, RY-SH02-388' NI, RY-SH02-3S10 BKGD |
| <b>Trade Mark</b> .....            | LCEVCGK   |
| <b>Manufacturer</b> .....          | Wenzhou Ruiyu Sanitary Ware Co., Ltd  |

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|   |   |   |
|---|---|---|
| <b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b>   |   |   |
| <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   |  |
| <b>Reviewed By(Supervisor).....:</b>  | Oliver Long   |  |
| <b>Approved by(Chief Engineer).....:</b>  | Flight Lee  |  |
| <b>Summary of testing:</b>  |   |   |
| <b>Tests performed (name of test and test clause):</b><br><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 Single function bonus water dispenser for rain exposure complies with the requirements of 10 CFR 430.32</p>  | <b>Testing location:</b><br><p>Shenzhen CTNT Testing Technology Co., Ltd.<br/> Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China<br/> Tel: 086-755-28680489<br/> E-mail: admin@ctnt-cert.com<br/> Web: www.ctnt-cert.com</p> |   |
| <b>General conditions for measurements:</b>   |   |   |
| <p><b>1. General Test Set-up Conditions</b></p> <p><b>1.1 Flow rate test Procedure(According to the standard ASME A112.18.1-2012 / CSA B125.1-2012)</b></p> <p>1.1.1) Fittings shall be tested at the maximum flow setting, if adjustable, with both hot and cold water valves fully open on combination fittings.</p> <p>The flow rate test shall be conducted with water between 5 and 71 °C(40 and 160F) in accordance with the intended end use of the fitting and under the following conditions:</p> <p>(a) for minimum flow: at 140 + 7kPa (20 + 1nsi) at the inlet when water is flowing; and</p> <p>(b) for maximum flow for faucets: at 410 ± 7kPa (60 ± 1 psi) at the inlet when water is flowing.</p> <p>1.1.2) Flow rate tests for shower heads, body sprays, and hand showers shall be conducted with water at 38±6°C (100±10F) and the flow maintained for at least 1 min. The flow rate test for</p> <p>(a) maximum flow for shower heads shall be conducted at 550 ± 14kPa (80 ± 2psi);</p> <p>(b) minimum flow for shower heads and hand showers shall be conducted at 31 0 ± 1 4kPa (45 ± 2 psi).</p> <p>If the shower head or hand-held shower has more than one mode, the minimum flow rate shall be determined at a flowing pressure of 310 ± 7kPa (45 ± 1 psi) in all modes. Pause or trickle modes designed to flow at less than 1.9 L/min (0.5gpm) at 550kPa (80 psi) shall be excluded from the minimum flow requirements; and</p> <p>Note: The intent of item(b) is to aid in the selection of an appropriate automatic compensating valve.</p> <p>(c) high-efficiency shower heads and hand-held showers shall be conducted in accordance with Clause</p> |   |   |

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