YZDTECH rain gauge outdoor

YZDTECH 5-Inch Glass Rain Gauge Replacement Tube Instruction Manual

Model: Rain Gauge Outdoor

Visit YZDTECH Store

Introduction

Thank you for choosing YZDTECH glass rain gauge replacement tubes. These tubes are designed to provide accurate and reliable rainfall measurements for your garden, lawn, or outdoor space. Crafted from high-quality glass, they offer durability and clear visibility for easy reading. This manual provides essential information on installation, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your replacement tubes.

Product Features

- **Excellent Quality:** Made from high-quality glass, ensuring sturdiness, durability, and resistance to rainwater erosion.
- **Clear Appearance:** Features a transparent design with standard inch and centimeter increments for easy and accurate reading.
- **Optimal Dimensions:** Each tube measures approximately 0.86 inches (Diameter) x 5.51 inches (Height), with a capacity of 5 inches of rainfall.
- **Complete Package:** Includes 4 glass replacement tubes and 1 extra tube brush for convenient cleaning.

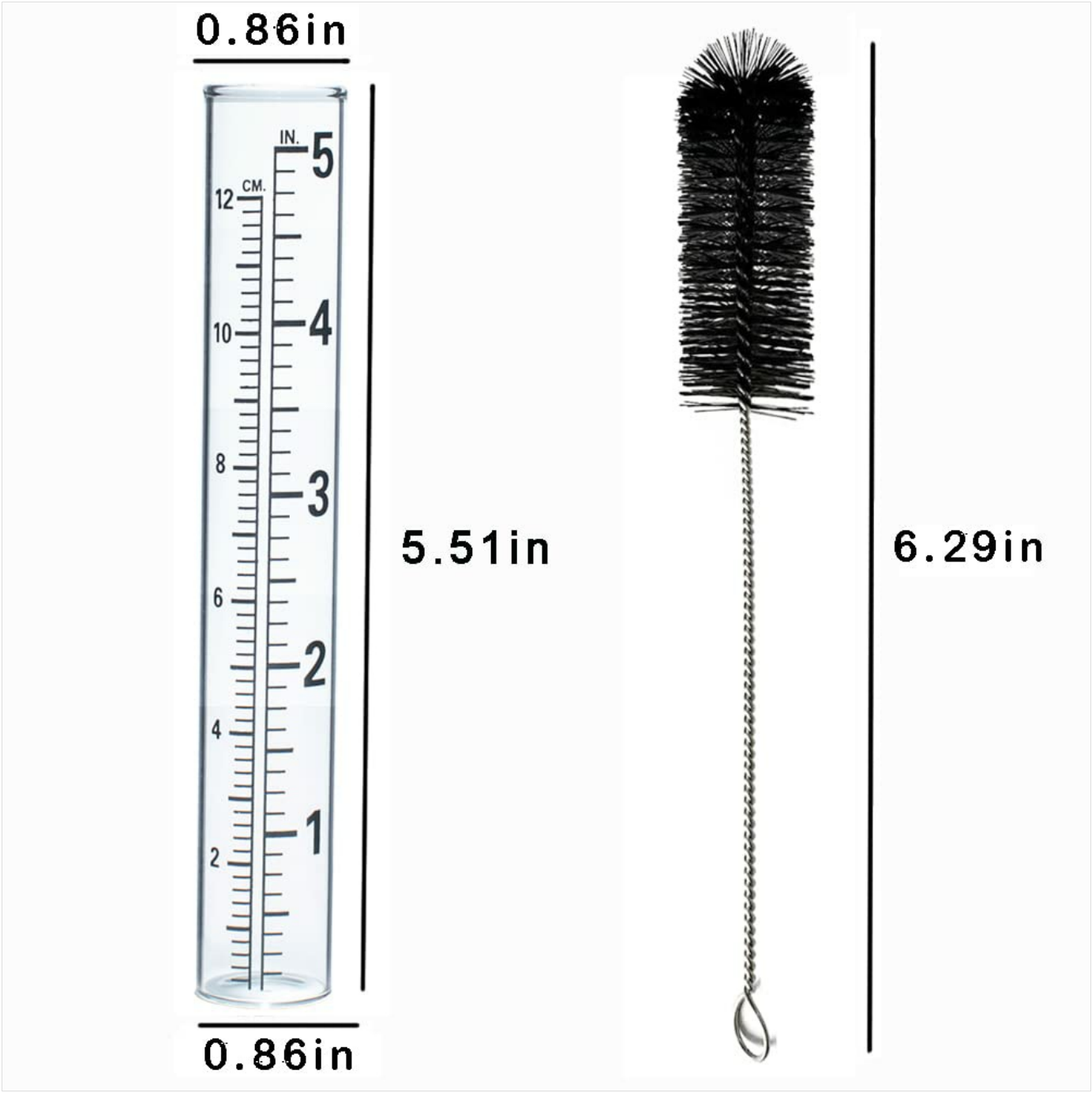


This image illustrates a single glass rain gauge tube, pointing out its key features: durable glass construction, clear dual scale markings for easy data reading, and a suitable size for common rain gauge holders.

Package Contents

Upon opening your package, please verify that all items are present and in good condition:

- 4 x YZDTECH 5-inch Glass Rain Gauge Replacement Tubes
- 1 x Tube Cleaning Brush



This image provides a visual representation of the rain gauge tube's dimensions and the accompanying cleaning brush, detailing their respective lengths and diameters for clarity.

Setup and Installation

These glass tubes are designed as replacements for existing rain gauges. Follow these steps for proper installation:

1. **Remove Old Tube:** Carefully extract the old or broken rain gauge tube from its holder. Dispose of any broken glass safely.
2. **Insert New Tube:** Gently slide the new YZDTECH glass replacement tube into the rain gauge holder. Ensure it fits snugly and is positioned vertically.
3. **Placement:** For accurate readings, ensure your rain gauge is placed in an open area, away from trees, buildings, or other obstructions that could block rainfall or cause water to drip into the gauge.



This image demonstrates the versatility of the YZDTECH replacement tubes by showing them integrated into different decorative rain gauge stands, such as a butterfly, gnome, and owl.

Operating Instructions

Using your YZDTECH glass rain gauge replacement tube for rainfall measurement is straightforward:

1. **Observe Water Level:** After a rainfall event, approach the rain gauge and observe the water level inside the glass tube.
2. **Read Measurement:** Read the measurement at the bottom of the meniscus (the curved surface of the water). The tube features clear markings in both inches and centimeters.
3. **Record Data:** Note down the measured rainfall.
4. **Empty Tube:** To prepare for the next rainfall, carefully remove the tube from its holder and empty the collected water. Reinsert the tube securely.

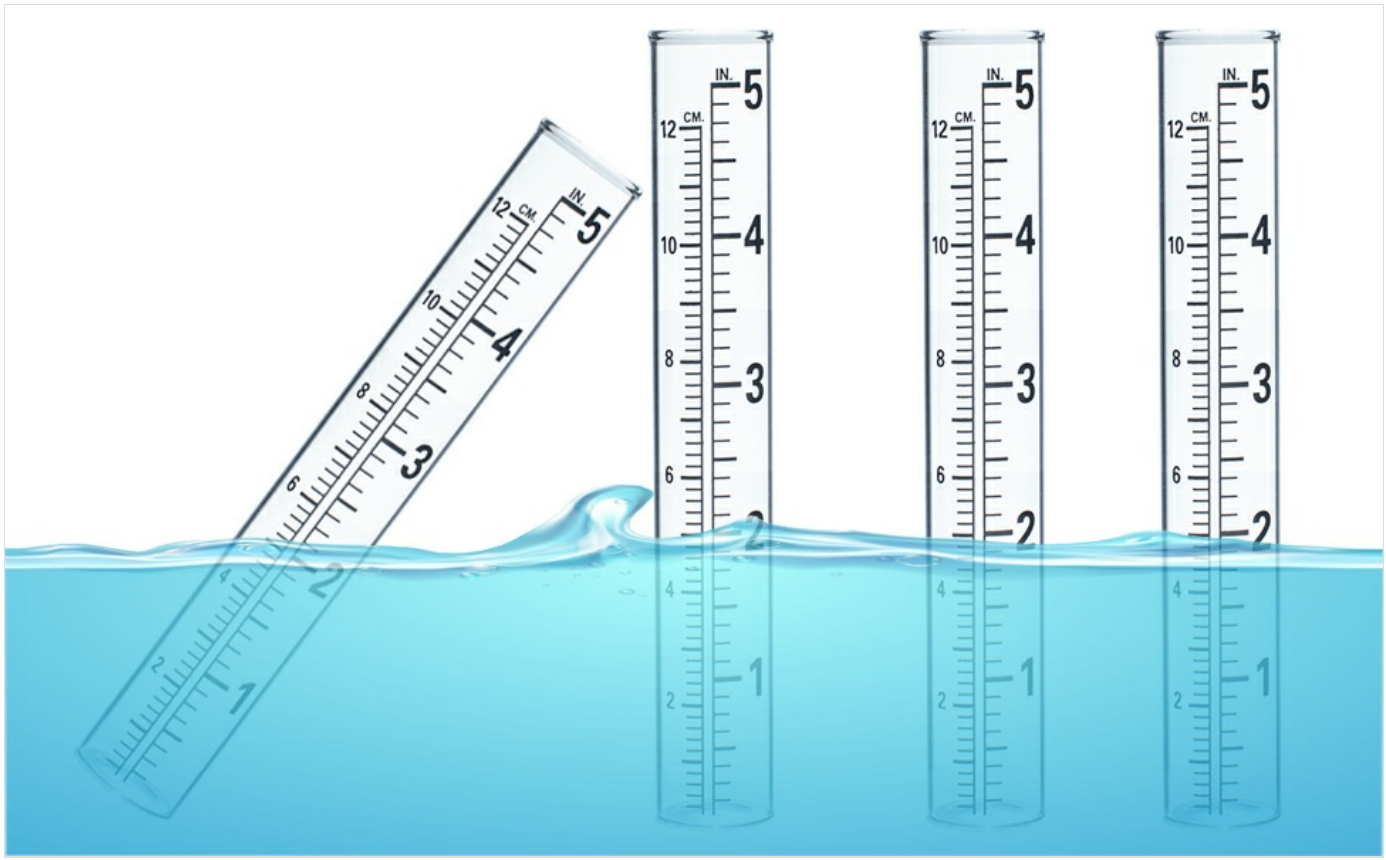


A detailed close-up of the rain gauge tube's scale, demonstrating the precise inch and centimeter markings for accurate rainfall measurement.

Maintenance

Proper maintenance will ensure the accuracy and extend the life of your rain gauge tubes:

- **Regular Cleaning:** Use the provided tube brush and mild soapy water to clean the inside of the tube regularly. This prevents algae buildup, dirt, and mineral deposits that can obscure readings.
- **Rinsing:** After cleaning, rinse the tube thoroughly with clean water to remove any soap residue.
- **Winter Care:** In regions with freezing temperatures, it is crucial to remove the glass tube from its outdoor holder during winter months. Water freezing inside the tube can expand and cause the glass to crack or break. Store it indoors in a safe place until spring.
- **Handling:** Always handle the glass tubes with care to prevent accidental drops or impacts that could lead to breakage.



This image shows two replacement tubes and the cleaning brush, emphasizing the tools provided for maintaining the clarity and function of

the rain gauge tubes.

Troubleshooting

If you encounter any issues with your YZDTECH rain gauge replacement tubes, consider the following:

- **Inaccurate Readings:**
  - Ensure the rain gauge is positioned in an open area, free from overhead obstructions or splashing from nearby surfaces.
  - Verify that the tube is installed perfectly vertical in its holder. A tilted tube will give incorrect readings.
  - Check for any debris or blockages at the opening of the tube that might impede water collection.
- **Tube Breakage:**
  - Glass is fragile. Breakage often occurs due to impact or freezing water. Always handle with care.
  - Remember to remove the tube during freezing weather to prevent damage from ice expansion.
- **Difficulty Reading Markings:**
  - Clean the tube regularly as described in the Maintenance section to remove dirt, dust, or mineral deposits that can obscure the measurement lines.

Specifications

Attribute	Detail
Material	High-quality Glass
Capacity	5 inches (approximately 12 cm)
Tube Dimensions (Diameter x Height)	0.86 inches x 5.51 inches
Item Weight	0.035 ounces (per tube)
Package Includes	4 Glass Rain Gauge Replacement Tubes, 1 Tube Brush
Manufacturer	YZDTECH

Warranty and Support

For any product-related inquiries, support, or concerns, please contact YZDTECH customer service directly through the platform where you made your purchase. Please refer to your purchase documentation for specific warranty details, if applicable.

© 2026 YZDTECH. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question