

## Restmo O-WM-4-BK

# RESTMO Water Flow Meter (Model O-WM-4-BK) Instruction Manual

## 1. INTRODUCTION

The RESTMO Water Flow Meter is designed to accurately measure and track water usage and flow rate for various outdoor and indoor applications. This device features an easy-to-read LCD screen and a single push-button control for seamless operation. It is ideal for monitoring water consumption in garden hoses, RV water tank filling, lawn sprinklers, and nozzle sprayers.

Key features include:

- **High Measure Accuracy:** Built-in hall type sensor and IC chipset provide precise calculations with a measurement tolerance of less than 5%.
- **Multiple Measurement Modes:** Easily switch between Flow, Consumption, Average, and Total modes.
- **Unit Conversion:** Switch between US gallons and liters.
- **Durable and Weatherproof Design:** Constructed with heavy-duty ABS material and IPX6 waterproof rating for outdoor use.
- **360° Rotating Inlet:** Ensures easy installation and enhanced durability.

# DURABILITY & LEAK-PROOF



360-degree rotatable inlet to enhance durability and easy install

**Image 1.1:** The RESTMO Water Flow Meter connected to a faucet, highlighting its durable and leak-proof design with a 360-degree rotatable inlet for easy installation.



**Image 1.2:** Overview of the RESTMO Water Flow Meter's features, including durable inlet, one-touch control, LCD display, high accuracy, unit conversion, 4 measure modes, compact design, and water & weather resistance.

## 2. SETUP

### 2.1 Battery Installation

The water flow meter requires a CR2032 lithium battery. To install or replace the battery:

1. Locate the battery compartment on the back of the device.

2. Use a coin or the included circle sheet to twist and unlock the battery cover.
3. Insert the CR2032 battery with the positive (+) side facing up.
4. Replace the battery cover and twist to lock it securely, ensuring a waterproof seal.



**Image 2.1:** The LCD screen of the water flow meter displaying a low battery indication, prompting the user to change the battery.

## 2.2 Connecting the Water Flow Meter

The RESTMO Water Flow Meter features a 360° rotating inlet and 3/4" NH hose threads, making it compatible with all standard outdoor faucets and garden hoses without requiring additional adapters.

1. Ensure the water source is turned off.
2. Screw the inlet (top part with the brass connector) of the water flow meter onto your outdoor faucet or the end of your garden hose. Hand-tighten only.
3. Connect your garden hose, nozzle, or sprinkler to the outlet (bottom part) of the water flow meter. Hand-tighten only.
4. Ensure all connections are secure to prevent leaks. Teflon tape can be used for a tighter seal if necessary.

# DURABILITY & LEAK-PROOF



360-degree rotatable inlet to enhance durability and easy install

**Image 2.2:** The water flow meter connected between a faucet and a garden hose, demonstrating its easy installation.



**Image 2.3:** The water flow meter attached to a hose, illustrating its compatibility with standard hoses for various watering tasks.

## 3. OPERATING INSTRUCTIONS

The water flow meter features a single push-button for control and mode switching.

### 3.1 Power On/Off

The LCD screen automatically goes to sleep if there is no operation or water flow for 1 minute to



conserve battery. It will automatically activate upon water flow or a button press.

### 3.2 Measurement Modes

Short press the button to cycle through the 4 different measurement modes:

- **Flow Mode:** Displays the real-time water flow rate (e.g., L/Min or GAL/Min).
- **Consumption Mode:** Displays the water usage from the last watering session.
- **Average Mode:** Displays the daily average water usage over the last 7 days (counts from the next day after initial use).
- **Total Mode:** Displays the total accumulated water consumption since the device was last reset.

## 4 MEASUREMENT MODES



**Image 3.1:** Visual representation of the four measurement modes: Flow, Consumption, Total, and Average, with examples of their display and typical applications.

### 3.3 Unit Conversion & Reset

- **Unit Conversion:** While in **Flow Mode**, long press the button to switch the unit between US gallons and liters.
- **Reset Data:** While in **Consumption Mode**, **Average Mode**, or **Total Mode**, long press the button to reset the displayed data for that specific mode.

# UNITS CONVERSION



**Image 3.2:** The water flow meter demonstrating unit conversion from US gallons to liters by long-pressing the button in Flow Mode.

## 3.4 Video Demonstration

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**Video 3.1:** Official product video from Restmo demonstrating the features and operation of the Water Flow Meter, including measurement accuracy.

Your browser does not support the video tag.

**Video 3.2:** A seller-provided video demonstrating the use of a water flow meter for RV applications, showing how to measure water input.

## 4. MAINTENANCE

### 4.1 Cleaning the Filter Washer

The water flow meter includes a metal filter washer at the inlet to prevent dirty, sediment, and other larger particles from entering the device and affecting measurement accuracy. Regularly check and

clean this filter to ensure optimal performance.



**Image 4.1:** Close-up of the water flow meter's inlet, showing the metal filter washer designed to prevent debris from entering.

4.2 Weather Resistance

The device has an IPX6 waterproof grade, ensuring stability for outdoor use and resistance to UV, sunshine, and rain. However, it is recommended to store the device indoors during extreme weather conditions or prolonged periods of non-use to extend its lifespan.

5. TROUBLESHOOTING

- **No Display:** Check if the battery is correctly installed and has sufficient charge. Replace the CR2032 battery if needed.
- **Inaccurate Readings:** Ensure the metal filter washer is clean and free of debris. Verify that all connections are tight and there are no leaks. Ensure water flow is consistent and not excessively turbulent.
- **Leaks at Connections:** Hand-tighten all connections. If leaks persist, apply Teflon tape to the threads. Ensure rubber washers are properly seated.
- **Screen Not Responding:** Try removing and reinserting the battery to perform a soft reset.

6. SPECIFICATIONS

Feature	Detail
Model Number	O-WM-4-BK
Product Dimensions	1.6 x 1.6 x 3.4 inches
Item Weight	3.87 ounces (0.11 Kilograms)
Material	Plastic
Color	Black
Display Type	LCD
Batteries Required	Yes (CR2032)

## 7. WARRANTY & SUPPORT

RESTMO is committed to providing reliable and intelligent solutions. Your RESTMO Water Flow Meter comes with a standard warranty, with options to extend it up to 5 years. For detailed warranty information and to register your product, please refer to the product packaging or contact customer support.

For any questions, technical support, or warranty claims, please contact us:

- **Email:** [support@restmo-link.com](mailto:support@restmo-link.com)
- **Phone (US):** +1 866-876-6888
- **Phone (International):** +1 929-329-4398
- **Website:** [www.restmo.online](http://www.restmo.online)
- **Video Instructions:** Scan the YouTube QR code on the product packaging or search "RESTMO" on YouTube for set-up instructions.
- **Online Support:** Scan the WhatsApp QR code or send WhatsApp messages for online support.