

Restmo O-WM-3-GN

RESTMO Water Flow Meter User Manual

Model: O-WM-3-GN

INTRODUCTION

The RESTMO Water Flow Meter is designed to provide accurate measurement of water consumption and flow rate for various outdoor watering needs. Its robust construction and intuitive interface make it an essential tool for efficient water management in gardens, RVs, and other applications.



Image: Front view of the RESTMO Water Flow Meter, showcasing its digital display and brass connectors.

PRODUCT FEATURES

- **360° Rotatable Control Panel:** Allows for optimal viewing angle regardless of connection point.
- **1.3-inch Large LCD Display:** Provides clear and easy-to-read measurements.
- **One-Touch Control Button:** Simplifies mode switching and unit conversion.
- **Durable Brass Inlet & Outlet:** Ensures long-lasting, leak-proof connections.
- **High Accuracy:** Built-in hall type sensor and IC chipset provide measurement tolerance less than 5%.
- **Multiple Measurement Modes:** Includes Flow Rate, Last-Time Consumption, Daily Average, and Total Consumption.
- **Unit Conversion:** Easily switch between Gallons and Liters.
- **Automatic Sleep Mode:** LCD screen powers off after 1 minute of inactivity or no water flow to conserve battery.
- **Weatherproof Design:** Constructed from premium heavy-duty ABS material with IPX6 waterproof rating, resistant to UV, sunshine, and rain.



Image: Visual representation of the key features of the RESTMO Water Flow Meter, including its rotatable panel, brass connections, LCD, and various functionalities.

SETUP

Battery Installation

The RESTMO Water Flow Meter requires one CR2032 lithium battery (included). Follow these steps to install the battery:

1. **Step 1:** Unscrew the battery cap located on the back of the device in the direction of the "unlock" symbol. The cap features a swivel bar for easy opening.
2. **Step 2:** Insert the CR2032 battery with the positive (+) side facing outwards. Ensure proper orientation for functionality.
3. **Step 3:** No need to adjust the position of the metal piece inside the battery compartment. Simply place the battery.
4. **Step 4:** Screw the battery cap back on in the direction of the "lock" symbol until it is securely fastened.



Image: A four-panel illustration demonstrating the steps for installing the CR2032 battery into the water flow meter.

Connecting the Meter

Connect the water flow meter to your garden hose, nozzle, or faucet. The brass inlet and outlet are designed for standard hose connections. Ensure connections are tight to prevent leaks.

DURABILITY & LEAK-PROOF



Image: Close-up view highlighting the durable pure brass inlet and outlet connections of the water flow meter, emphasizing its leak-proof design.

OPERATING MODES

The water flow meter features four distinct measurement modes, accessible via a single control button. Short press the button to cycle through the modes.

Mode	Description
FLOW Mode	Displays the real-time water flow rate (e.g., Gallons/Minute or Liters/Minute).
CONSUMPTION Mode	Shows the water usage from the last watering session.
AVERAGE Mode	Calculates and displays the daily average water usage over the past seven days (counts from the next day after initial use).
TOTAL Mode	Accumulates and displays the total water consumption since the last reset.

To switch between Gallon and Liter units in **FLOW Mode**, long press the control button. To reset data in

other modes, long press the control button while in that specific mode.

MEASUREMENT MODES

CONSUMPTION MODE

12.3
GAL



FLOW MODE

AUTO
10.7
GAL/Min



AVG MODE

Avg
106.7
GAL/D



TOTAL MODE

TOTAL
13328
GAL



CONSUMPTION MODE

Consumption mode displays the last-time water consumption.

FLOW MODE

Flow mode displays the real-time water flow rate. Long press the button at flow mode to switch the unit (gallon to liter).

AVG MODE

AVG mode displays the daily water consumption of the last 7 days (count from next day).

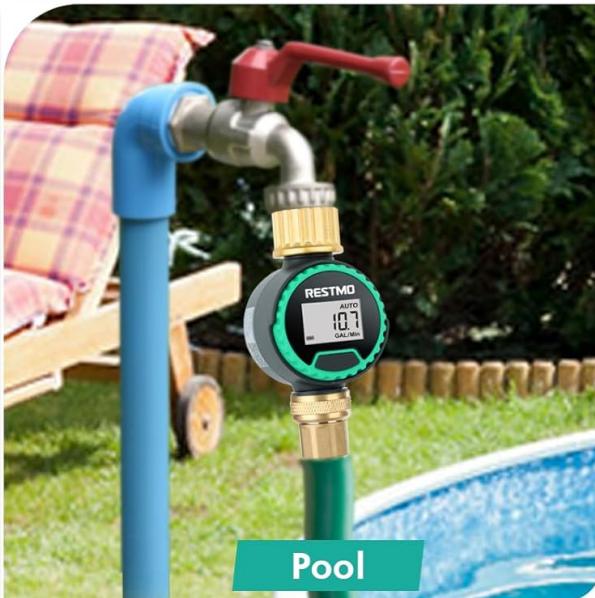
TOTAL MODE

Total mode displays the total water consumption.

Image: A visual guide explaining each of the four measurement modes (Consumption, Flow, Average, Total) with corresponding display examples.

USAGE SCENARIOS

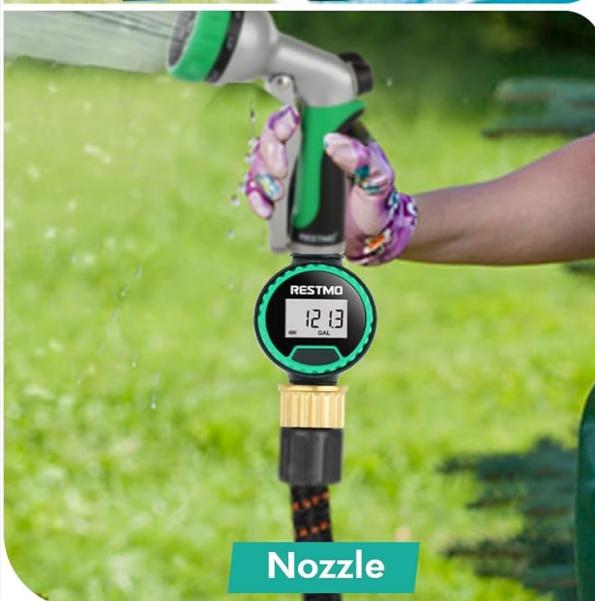
The RESTMO Water Flow Meter is versatile and can be used in various applications:



Pool



RV Tank



Nozzle



Sprinkler

Garden Watering

Attach to your garden hose or sprinkler to monitor water usage for plants, lawns, and gardens, helping to prevent over-watering and conserve water.

RV Water Tank Filling

Accurately measure the amount of water being filled into your RV's fresh water tank, ensuring you know your exact capacity and usage.

Pool Filling

Monitor the volume of water added to swimming pools or hot tubs for precise chemical balancing and water level management.

Black Water Tank Flushing

Use with your black water tank flush system to ensure thorough cleaning and prevent overfilling, as mentioned by users.

Image: A composite image showing the water flow meter connected to a hose for various uses: filling a pool, filling an RV

MAINTENANCE

- **Cleaning:** Wipe the exterior of the meter with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the meter in a dry, cool place away from direct sunlight.
- **Winterization:** If used in freezing temperatures, ensure the meter is completely drained of water to prevent damage from ice expansion. It is recommended to disconnect and store indoors during winter.
- **Battery Replacement:** Replace the CR2032 battery when the low battery indicator appears on the LCD screen. Follow the battery installation steps outlined in the Setup section.

TROUBLESHOOTING

Problem	Possible Cause / Solution
Display is blank or not turning on.	<ul style="list-style-type: none">◦ Battery is dead or incorrectly installed. Replace battery or ensure positive side is facing out.◦ Automatic sleep mode is active. Water flow or button press will reactivate.
Inaccurate readings.	<ul style="list-style-type: none">◦ Flow direction is incorrect. Ensure the "FLOW" arrow on the meter aligns with water flow.◦ Debris in the meter. Disconnect and check for obstructions in the inlet/outlet.◦ Low water pressure. Ensure adequate water pressure for accurate measurement.
Water leakage from connections.	<ul style="list-style-type: none">◦ Connections are not tight enough. Hand-tighten firmly.◦ Missing or damaged rubber washer. Ensure washers are present and in good condition.
Cannot switch units (Gallon/Liter).	<ul style="list-style-type: none">◦ Unit switching is only available in FLOW mode. Switch to FLOW mode and long press the button.

SPECIFICATIONS

- **Model:** O-WM-3-GN
- **Product Dimensions:** 1.9 x 2.1 x 3.7 inches
- **Item Weight:** 6.7 ounces (0.19 Kilograms)
- **Material:** Brass (inlet/outlet), ABS (body)
- **Color:** Green
- **Display:** 1.3-inch LCD
- **Battery Type:** CR2032 (3V Lithium)
- **Waterproof Rating:** IPX6

- **Measurement Tolerance:** Less than 5%

WARRANTY AND SUPPORT

Restmo offers an 18-month unconditional warranty for this product. For any inquiries, technical assistance, or warranty claims, please contact Restmo customer service. Contact information can typically be found on the product packaging or the official Restmo website.

For additional resources, you may refer to the official [User Manual \(PDF\)](#).