RAINPOINT B0BR6TS8CT

RAINPOINT Wi-Fi Water Meter with Wi-Fi Hub User Manual

Model: B0BR6TS8CT

INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your RAINPOINT Wi-Fi Water Meter with Wi-Fi Hub. Please read this manual thoroughly before using the product to ensure proper functionality and longevity. This device is designed to help you monitor and manage your water consumption efficiently.

PRODUCT OVERVIEW

The RAINPOINT Wi-Fi Water Meter system consists of a water flow meter and a Wi-Fi hub. The water meter measures real-time water flow and consumption, while the Wi-Fi hub facilitates communication with your mobile application, allowing for remote monitoring and control. The system is ideal for tracking water usage in gardens, for RVs, or general household consumption.

Image: Overview of the RAINPOINT Wi-Fi Water Meter and its accompanying Wi-Fi Hub, along with a smartphone displaying the app interface. The water meter is shown with its quick connectors, and the hub is a compact wall-plug design.

SETUP AND INSTALLATION

1. Components Check

Before installation, ensure all components are present:

- RAINPOINT Wi-Fi Water Meter
- RAINPOINT Wi-Fi Hub
- User Manual (this document)

2. Wi-Fi Hub Placement

Plug the Wi-Fi Hub into a standard electrical outlet within 60 meters (approximately 197 feet) of where the water meter will be installed. Ensure it is within range of your home Wi-Fi network.

Image: Diagram illustrating the wireless connection between the water meter, the Wi-Fi hub plugged into an indoor outlet, and a smartphone running the control application. The image highlights the 60m communication distance.

3. Water Meter Installation

Attach the water meter to your water source (e.g., outdoor faucet, garden hose). The meter features quick connectors for easy attachment. Ensure a secure, leak-free connection.

1. Connect the inlet side of the water meter to your water source.
2. Connect your hose or watering device to the outlet side of the water meter.
3. Ensure all connections are tightened to prevent leaks.

4. App Connection

Download the RAINPOINT app from your smartphone's app store. Follow the in-app instructions to pair the Wi-Fi Hub and the water meter. This process typically takes less than 10 minutes.

- Open the RAINPOINT app and create an account or log in.
- Add a new device and select the Wi-Fi Water Meter.
- Follow the on-screen prompts to connect the hub to your Wi-Fi network and then pair the water meter with the hub.

OPERATING INSTRUCTIONS

1. Understanding Measurement Modes

The water meter offers four distinct measurement modes, accessible via the LCD display or the app:

Image: Visual representation of the four measurement modes available on the RAINPOINT water meter's LCD display: Total, Flow, Consumption, and AVG (Average). Each mode shows a different metric of water usage.

- **Total Mode:** Displays the total accumulated water consumption.

- **Flow Mode:** Shows the real-time water flow rate (e.g., Gallons per Minute).

- **Consumption Mode:** Indicates recent single water consumption.

- **AVG Mode:** Provides the 7-day average daily water consumption.

2. Monitoring Water Usage via App

The RAINPOINT app allows you to track your water usage over various periods:

- View water usage for the last 24 hours, 30 days, or 12 months.

- Access historical data to identify consumption patterns.

Image: A person viewing a graph on a smartphone showing water flow data over 24 hours, 30 days, and 12 months, demonstrating the app's ability to track historical water usage.

3. Smart Water Usage Alerts

Set custom water consumption limits within the app. You will receive instant notifications if your water usage exceeds the

predefined limit, helping you manage consumption effectively.

Image: A smartphone screen displaying an alert indicating that the water allowance for the month has been exceeded. Surrounding images show various scenarios where the water meter can be used, such as RV travel, garden, and daily consumption.

4. Water Usage Correction

The app allows for percentage-based correction of water usage values, providing more precise control over your consumption tracking.
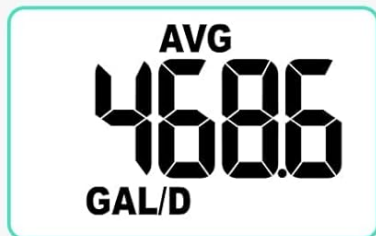
4 MEASUREMENT MODES

TOTAL **3.8** GAL	**TOTAL MODE** Total water consumption
AUTO **8.6** GAL/Min	**FLOW MODE** Measure real-time water flow rate
58.8 GAL	**CONSUMPTION MODE** Single water consumption
AVG **468.6** GAL/D	**AVG MODE** 7-day average water consumption

Image: A smartphone screen showing the "Water Usage Correction" interface within the app, where a correction coefficient can be adjusted by percentage to fine-tune readings.

Note: The LCD display automatically enters sleep mode after 1 minute of no operation or water flow to conserve battery.

MAINTENANCE

1. Cleaning

Wipe the exterior of the water meter and hub with a soft, damp cloth. Do not use abrasive cleaners or immerse the devices in water.

2. LCD Display Removal

The LCD display is designed for easy removal, facilitating quicker reading and resetting. Gently slide or unclip the display as indicated by the product design for access.
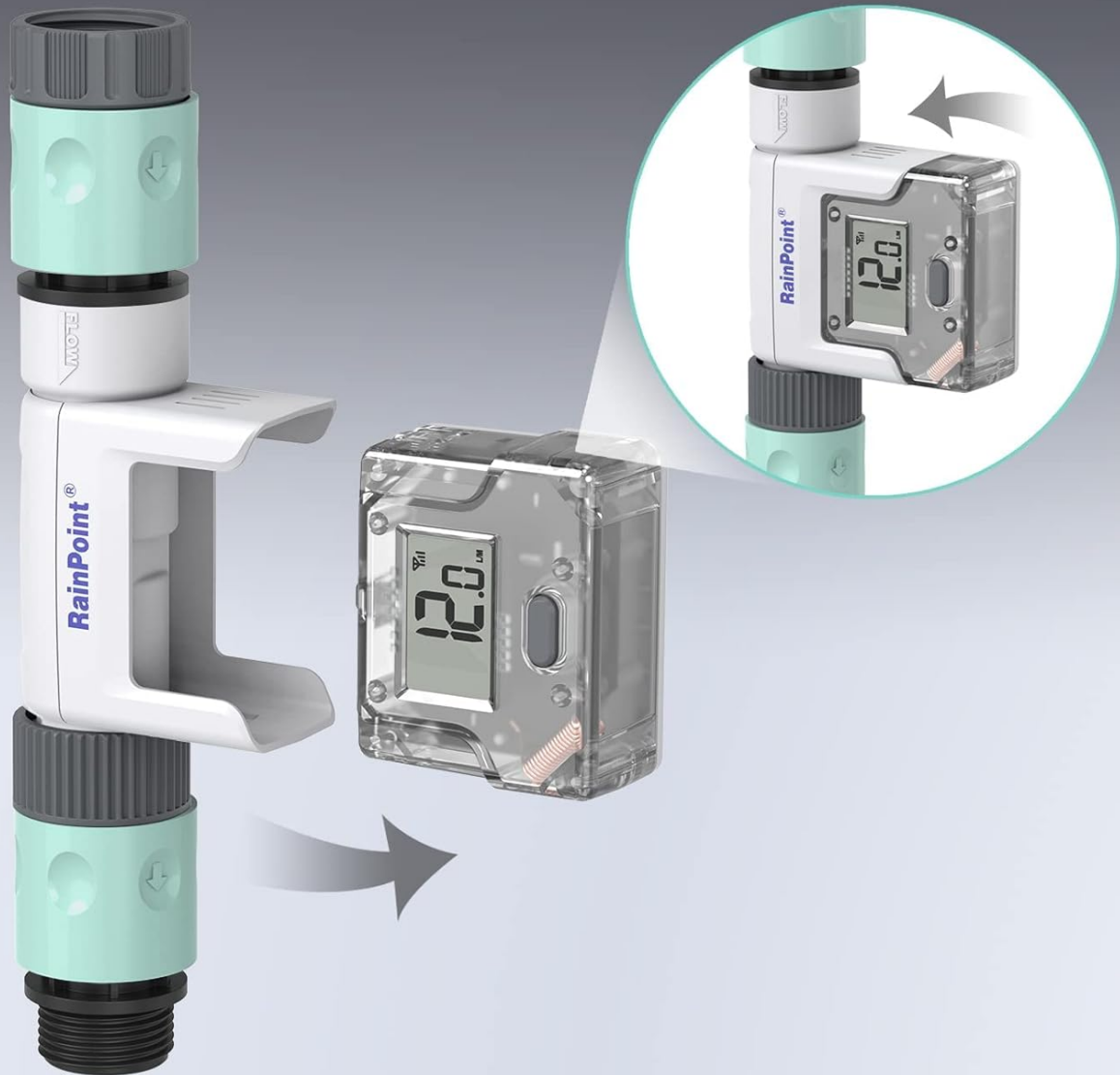
Image: A diagram showing how the LCD display unit can be easily removed from the main body of the water meter for better readability or maintenance.

3. Winterization (for outdoor use)

If using the water meter outdoors in freezing conditions, disconnect it from the water source and store it indoors to prevent damage from ice expansion.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No water flow reading	Meter installed incorrectly; low water pressure; battery low.	Ensure meter is installed with correct flow direction. Check water pressure. Replace batteries if necessary.

Problem	Possible Cause	Solution
App not connecting to hub/meter	Hub out of Wi-Fi range; meter out of hub range; incorrect pairing.	Move hub closer to Wi-Fi router. Move meter closer to hub (within 60m). Re-pair devices via the app.
Inaccurate readings	Air in the line; meter calibration needed.	Ensure no air bubbles are present in the water line. Use the app's "Water Usage Correction" feature to calibrate.
Leaks at connections	Loose connections; damaged O-rings.	Tighten connections. Inspect and replace O-rings if damaged.

SPECIFICATIONS

- **Brand:** RAINPOINT
- **Model:** B0BR6TS8CT
- **Material:** Metal
- **Package Dimensions:** 21 x 11.8 x 6.7 cm
- **Item Weight:** 360 grams
- **LCD Screen Size:** 2 Inches
- **Wireless Connection Range (Meter to Hub):** Up to 60 meters (197 feet)
- **Hub Connectivity:** Wi-Fi
- **Measurement Modes:** Total, Flow, Consumption, Average (7-day)
- **App Compatibility:** RAINPOINT App (iOS/Android)

WARRANTY AND SUPPORT

RAINPOINT products are designed for reliability and performance. For warranty information and technical support, please refer to the official RAINPOINT website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, please visit: www.rainpointonline.com