

RAINPOINT TCTTV102B-W-NHV1-Z

RAINPOINT Smart Wireless Hose Faucet Timer User Manual

Model: TCTTV102B-W-NHV1-Z

Brand: RAINPOINT

1. INTRODUCTION

The RAINPOINT Smart Wireless Hose Faucet Timer (Model: TTV102B) with Wi-Fi Hub (Model: TWG009BW) is designed to simplify your garden irrigation. It offers remote control via a smartphone app, flexible scheduling options, and water-saving features. This manual provides detailed instructions for setup, operation, and maintenance.

What's Included:

- Water Timer (TTV102B)
- Gateway (Wi-Fi Hub, TWG009BW)
- User Manual
- Raw Tape
- Quick Start Guide



Figure 1: RAINPOINT Sprinkler Water Timer and Wi-Fi Hub

Description: This image displays the main components of the RAINPOINT Smart Wireless Hose Faucet Timer system, including the water timer unit, the compact Wi-Fi hub, and a smartphone screen illustrating the accompanying mobile application interface.

Product Overview Video:

Video 1: Why You Deserve the RAINPOINT Wi-Fi Sprinkler Timer?

Description: This video provides a brief overview of the RAINPOINT Wi-Fi Sprinkler Timer, highlighting its key features and benefits for automated garden irrigation.

2. SETUP INSTRUCTIONS

2.1. Install Batteries in Water Timer

Unscrew the battery compartment of the water timer. Insert 3 AAA batteries (not included) into the designated slots, ensuring correct polarity. Securely close the battery compartment. The timer is designed to be waterproof.

once sealed.

SYLICAL WATERING SCHEDULE

Watering Frequency Based on Your Plans



	Start Time	End Time	
7	57	11	57
8	58	12	58
9	59	13	59
10	0	14	0
11	1	15	1
12	2	16	2
13	3	17	3

Sun

Mon

Tue

Wed

Thur

Fri

Sat

Cycle&Soak
During period,Cycle&Soak breaks watering down to multiple cycles to give the soil time to soak the water in for efficiency.

Cycle Duration

Please Select >

Soak Duration

Please Select >

Save

If you want to water for 1 hour every 2 hours on Monday and Wednesday from 10:00 to 16:00, Plase set the above. It will run from 10:00-11:00, 13:00-14:00

Figure 2: Water Timer Battery Installation

Description: This image shows the RAINPOINT water timer with its battery compartment open, revealing the slots for three AAA batteries. This illustrates where to insert the power source for the device.

2.2. Install Water Timer

Connect the water timer to a standard 3/4-inch outdoor faucet. Ensure the connection is tight to prevent leaks. Use the provided raw tape if necessary for a secure seal.



Figure 3: Water Timer Connected to Faucet

Description: This image shows the RAINPOINT water timer securely attached to an outdoor hose faucet, ready for operation. The connection point is clearly visible.

2.3. Connect Wi-Fi Hub

Plug the Wi-Fi Hub (TWG009BW) into an indoor power outlet near your 2.4Ghz Wi-Fi router. Wait for the indicator light to show it's ready for pairing.

NO WORRIES WHEN GOING OUT

Auto Watering Regularly

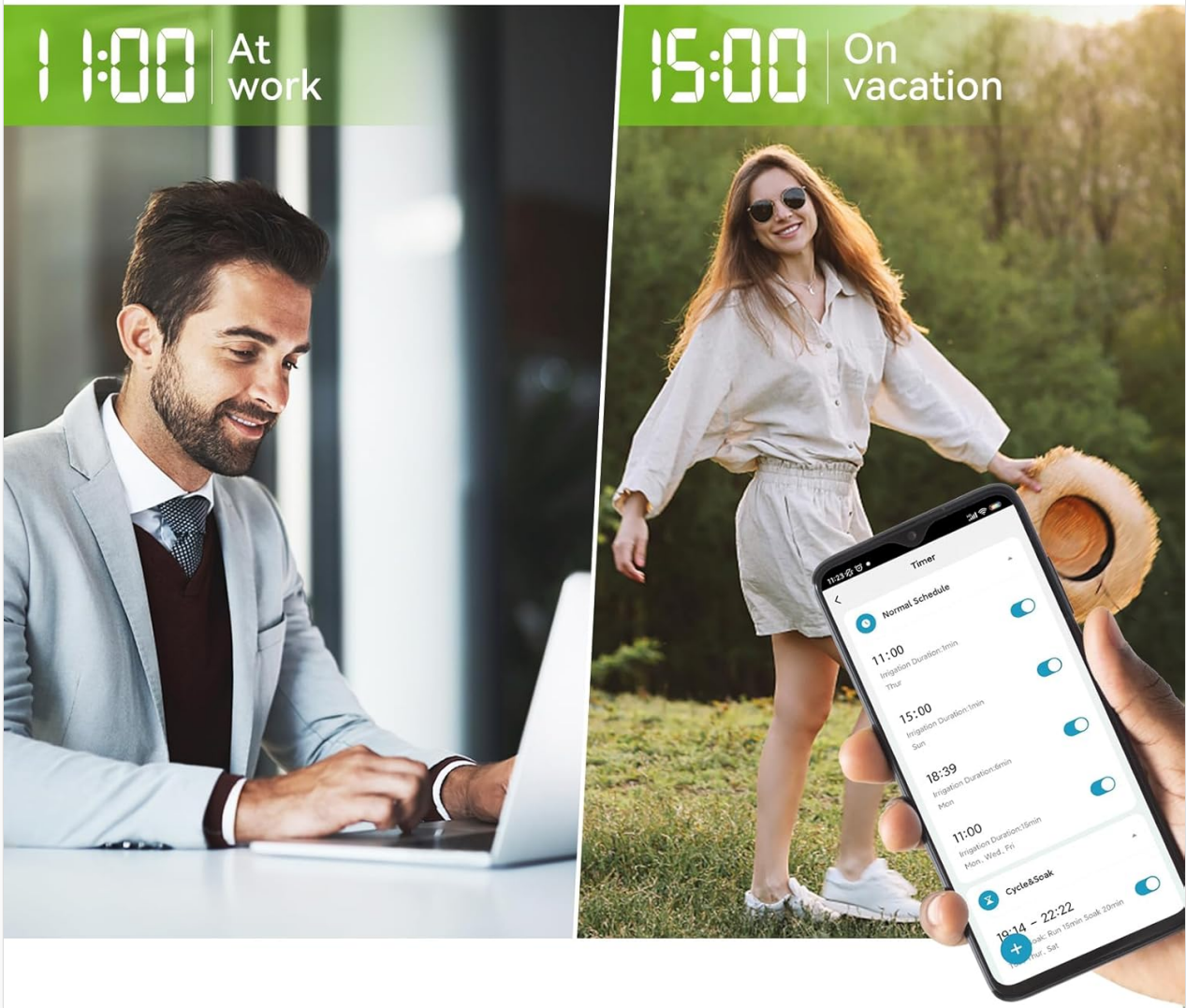


Figure 4: Wi-Fi Hub Plugged In

Description: This image shows the compact RAINPOINT Wi-Fi hub plugged into a standard electrical outlet, indicating its power source and readiness for network connection.

2.4. Download and Install RAINPOINT App

Search for 'RAINPOINT' on Google Play Store or Apple App Store. Download and install the application. Register a new account or log in with an existing one.

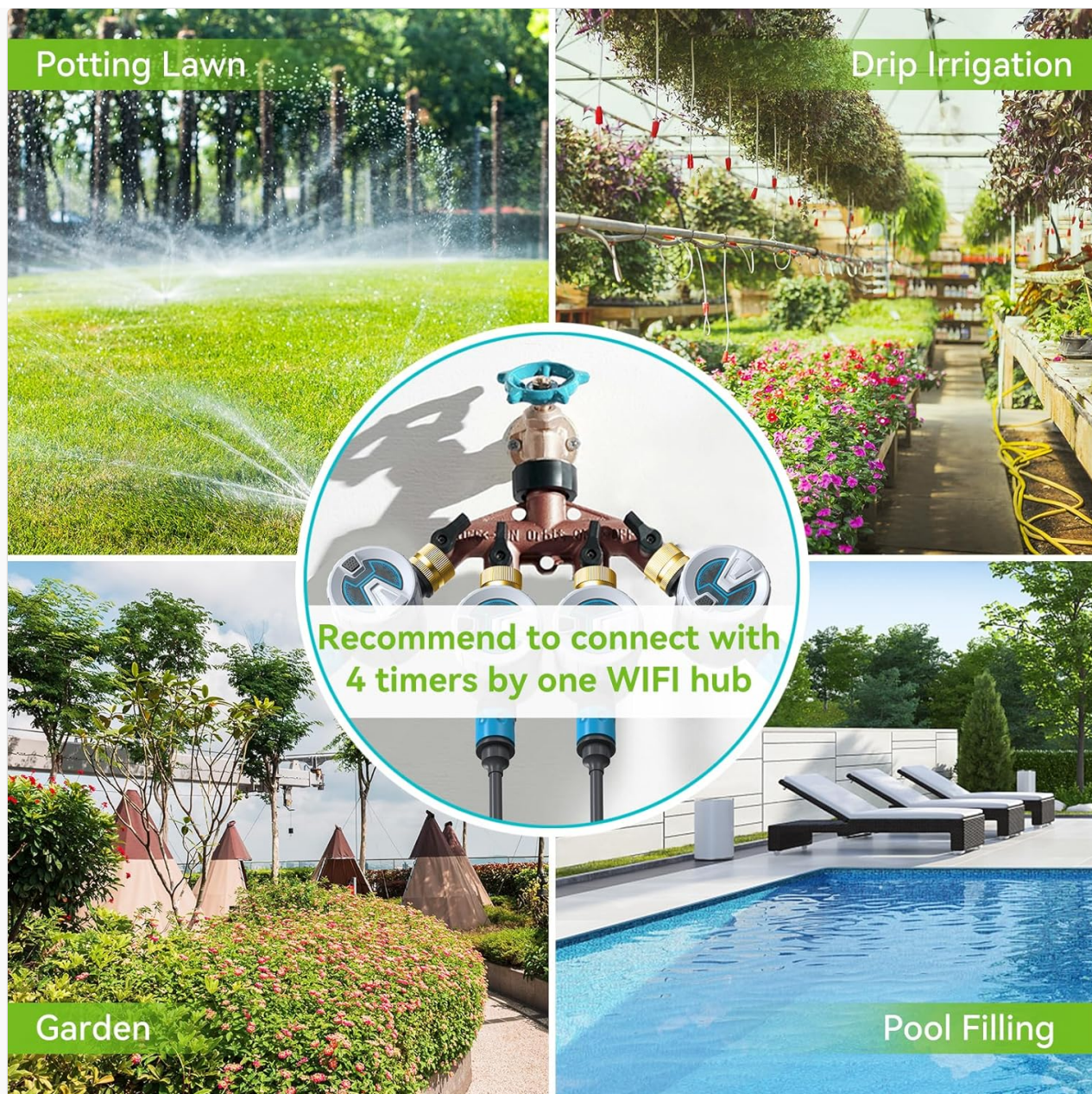


Figure 5: RAINPOINT App Interface

Description: This image displays a smartphone screen showing the RAINPOINT app interface, specifically a timer scheduling screen, demonstrating the app's functionality for managing watering schedules.

2.5. Pair Devices via App

Open the RAINPOINT app. Follow the in-app instructions to add the Wi-Fi Hub first, then add the Water Timer. The system supports connecting multiple water timers (up to 4 recommended for stability) to a single Wi-Fi Hub.

REAL-TIME IRRIGATION RECORD

Watering When You Want



Figure 6: Multiple Timers in App

Description: This image illustrates the RAINPOINT app's capability to manage multiple water timers, showing a network diagram of a central Wi-Fi hub connected to several individual water timers.

Device Pairing and Connection Video:

Video 2: How to Pair the RAINPOINT WiFi Water Timer?

Description: This comprehensive video guides users through the step-by-step process of pairing and connecting the RAINPOINT Wi-Fi Water Timer with the mobile application, covering battery installation, hub setup, and app synchronization.

3. OPERATING INSTRUCTIONS

3.1. Manual Watering

To initiate watering instantly, open the RAINPOINT app, select the desired timer, and choose the manual

watering option. You can set a specific duration for the watering session without affecting your pre-programmed schedules.

3.2. Flexible Scheduling

The app allows you to create multiple watering schedules to meet diverse needs. You can choose between:

- **Normal Cycle Mode:** Set specific start and end times for watering on selected days.
- **Soak Cycle Mode:** This mode breaks down watering into multiple cycles with pause times in between, allowing water to soak into the soil more efficiently and reduce runoff.

3.3. Rain Delay

To conserve water during rainy periods, you can easily set a rain delay of 24, 48, or 72 hours directly from the app. This will temporarily pause all scheduled watering without deleting your programs.

3.4. Irrigation Records

The app provides a detailed history of all past watering sessions. You can view the start time, duration, and end time of each watering event, which helps in managing your irrigation schedule scientifically and avoiding watering mistakes.

4. MAINTENANCE

4.1. Filter Cleaning

Regularly inspect and clean the filter located at the water inlet of the timer. This prevents clogs from debris and ensures optimal water flow and performance. Replace the filter if it appears worn or damaged.

4.2. Winterization

During freezing temperatures, it is crucial to remove the water timer from the outdoor faucet. Store the timer indoors in a dry, frost-free location to prevent damage caused by freezing water expanding within the unit.

5. TROUBLESHOOTING

5.1. Connectivity Issues

- Ensure the Wi-Fi Hub is plugged in and within range of your 2.4Ghz Wi-Fi router. (5Ghz Wi-Fi is not supported).
- If using Bluetooth directly (without the hub), ensure your smartphone is within 60 meters of the water timer.
- Check the battery levels of the water timer. Low batteries can affect connectivity.

5.2. Watering Schedule Limitations

Some users have reported a limit of 10 watering entries per 24-hour period when setting schedules. If you

encounter a 'General timing quantity exceeds limit' error, try consolidating your watering events or adjusting the frequency to fit within this limitation.

5.3. No Water Flow

- Verify that the outdoor faucet is fully open.
- Check the filter at the water inlet of the timer for any clogs and clean if necessary.

6. SPECIFICATIONS

Feature	Detail
Model Number	TCTTV102B-W-NHV1-Z (Timer: TTV102B, Hub: TWG009BW)
Brand	RAINPOINT
Color	Wifi Sprinkler Timer (2.4ghz Wifi Only)
Material	Plastic
Product Dimensions	1"D x 1"W x 1"H
Item Weight	8.8 ounces
Number of Settings	3
UPC	850025185745
Manufacturer	RAINPOINT
Batteries Required	3 AAA batteries for timer (not included)
Care Instructions	Avoid Freezing

7. WARRANTY & SUPPORT

The RAINPOINT Sprinkler Water Timer comes with a 1-year replacement warranty and a 5-year warranty. For detailed warranty terms and conditions, please refer to the official user manual.

For further assistance or technical support, please refer to the comprehensive [User Manual \(PDF\)](#) or contact RAINPOINT customer service directly.