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> [RAINPOINT WiFi Water Timer HTV245FRF + HWG040WLBRF Instruction Manual](#)

## RAINPOINT HTV245FRF + HWG040WLBRF

# RAINPOINT WiFi Water Timer Instruction Manual

MODEL: HTV245FRF + HWG040WLBRF

Brand: RAINPOINT

### 1. INTRODUCTION

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Thank you for choosing the RAINPOINT WiFi Water Timer. This smart irrigation system allows you to manage your garden's watering needs efficiently and remotely. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your device.

### 2. SAFETY INFORMATION

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- Use only with cold water.
- Do not immerse the device in water.
- Ensure all connections are hand-tightened to prevent leaks.
- Keep the Wi-Fi Gateway in a dry, indoor location, away from direct sunlight and moisture.
- Replace batteries promptly when the low battery alert is received to ensure continuous operation.

### 3. PRODUCT OVERVIEW

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The RAINPOINT WiFi Water Timer system includes a 2-zone water timer and an Ethernet gateway. Key features include:

- **Never Offline Ethernet Gateway:** Supports 2.4GHz WiFi and Ethernet cable connection, transmitting signals up to 250 meters through 3-4 walls. One gateway can pair with up to 8

RAINPOINT devices.

- **Newly Upgraded Durable Brass Inlet & Outlet:** Resistant to heat and sunlight, enhanced leak-proof performance, built-in metal filter, and upgraded coil valve for smooth water flow (up to 116 PSI). IP65 sealed battery cover.
- **Multiple Watering Plans:** Up to 6 plans per zone with Normal, Cycle & Soak, and Misting Irrigation modes. 5 frequency options: everyday, odd days, even days, interval (2-30 days), custom.
- **Weather-Based Watering:** Automatic adjustments based on local weather, soil moisture, and temperature. Rain delay (1-30 days) and seasonal adjustment (10%-200%).
- **Water Usage Tracking & Alerts:** Built-in high-precision water flow meter ( $\pm 5\%$  error) for tracking usage over 12 months. 24-hour flow monitoring provides instant notifications for failures or offline status.
- **Voice Control:** Compatible with Alexa and Google Assistant for convenient voice commands.

## 4. SETUP

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### 4.1 What's Included

- RAINPOINT 2-Zone WiFi Water Timer (HTV245FRF)
- RAINPOINT Ethernet Gateway (HWG040WLBRF)
- Type-C USB Cable
- User Manual & Quick Start Guide
- Accessories (filters, rubber stoppers, plumbing tape)

*Note: A stable 2.4GHz WiFi network and 4 new AA (1.5V) alkaline batteries are required but not included.*

### 4.2 App Installation

1. Connect your smartphone to a 2.4GHz Wi-Fi network.
2. Search for "RainPoint Home" on the App Store (iOS) or Google Play (Android), or scan the QR code in the Quick Start Guide to download the app.
3. Register a new account or log in with an existing one.

### 4.3 Gateway Connection

1. Power on the Wi-Fi Gateway using the Type-C USB cable. Place it close to your Wi-Fi router and the timer for initial setup.
2. Press and hold the button on the gateway until the Wi-Fi connecting indicator light flashes BLUE quickly.
3. Open the RainPoint Home app, select "Add Device", find "HWG040WLBRF" (or scan the code), and follow the in-app instructions to complete the connection.

**Your browser does not support the video tag.**

Video: This video demonstrates the connection operation for the Ethernet Hub and the Water Timer, showing how to power on the hub, initiate pairing, and connect it via the RainPoint Home app.

#### 4.4 Timer Connection to Gateway

1. Insert 4 new AA alkaline batteries into the battery compartment of the timer.
2. In the RainPoint Home app, tap the gateway icon on the homepage, then tap "Add Device", and then "Add New Devices".
3. Find and select "HTV245FRF" from the list of devices.
4. Press and hold the button on the timer until the RED LED indicator flashes rapidly (2 times per second).
5. Click "Next" in the app, and it will automatically pair the timer with the gateway.

Your browser does not support the video tag.

Video: This video illustrates the connection process between the Ethernet Hub and the WiFi Water Timer, guiding users through each step for successful pairing.

#### 4.5 Physical Installation

1. Attach the timer to your outdoor faucet. Hand-tighten only to prevent damage.
2. Connect your garden hoses to the left (L) and right (R) outlets of the timer.

# SMART & SEASONAL IRRIGATION

Prevent overwatering or underwatering



Image: The RAINPOINT WiFi Water Timer is shown attached to an outdoor faucet, with two hoses connected to its brass outlets. This setup allows for independent control of two watering zones.

## 5. OPERATING INSTRUCTIONS

### 5.1 Setting Watering Plans

The RainPoint Home app allows you to create customized watering schedules for each zone.

1. Open the app and select your timer.
2. Navigate to the "Plan" section.
3. Choose a watering mode: Normal Irrigation, Cycle & Soak, or Misting Irrigation.

4. Set the start time, duration, and frequency (every day, odd days, even days, interval, or custom days).
5. Save your plan. You can set up to 6 watering plans per zone.



Image: A screenshot from the RainPoint Home app displays options for setting flexible watering schedules, including different modes and frequencies to suit specific gardening needs.

## 5.2 Manual Watering

You can manually water without interrupting your established schedules.

- **Via Timer Button:** Press the button on the timer for a quick 10-minute watering session.
- **Via App:** Use the "Manual" section in the app to set a custom duration from 1 minute to 12 hours.

## 2 MANUAL WATERING METHODS

Not affect established watering schedules



Timer -  
10mins



APP -  
1min-12hrs

Image: A user is shown manually watering plants in a garden using a hose connected to the RainPoint WiFi Water Timer, demonstrating the ease of temporary watering without altering programmed schedules.

### 5.3 Rain Delay

Delay watering for 24, 48, or 72 hours directly from the app to prevent overwatering during rainy periods.

### 5.4 Seasonal Adjustment

Adjust watering duration monthly from 10% to 200% to match seasonal needs, ensuring plants are neither over-watered nor under-watered.



Image: A visual representation of the seasonal adjustment feature, showing how watering duration can be dynamically adjusted from 10% to 200% throughout the year to optimize water usage.

## 5.5 Smart Scenes

Create custom automation rules based on various conditions:

- **Weather:** Trigger watering based on temperature, humidity, rain probability, or wind speed.
- **Time:** Schedule watering at specific times (e.g., 8:00 AM every morning).
- **Device Status:** Adjust watering based on battery level or other device parameters.

Your browser does not support the video tag.

Video: This video provides an overview of the RAINPOINT 2 Zone WiFi Water Timer, highlighting its smart features like weather-based watering, water usage tracking, and remote control capabilities.

## 5.6 Water Usage Tracking

Monitor water consumption for each zone in the app, with data available for the last watering, past 30 days, and 12 months. This helps optimize watering schedules and conserve water.

# INDIVIDUALLY CONTROL ZONE 1/2

Max 6 plans for each zone



Image: The RainPoint Home app interface shows detailed water usage records for the past 30 days and 12 months, allowing users to track and manage their water consumption effectively.

## 5.7 Voice Control

Integrate your RAINPOINT WiFi Water Timer with Amazon Alexa or Google Assistant for convenient voice-activated watering commands.

# VOICE CONTROL WATERING

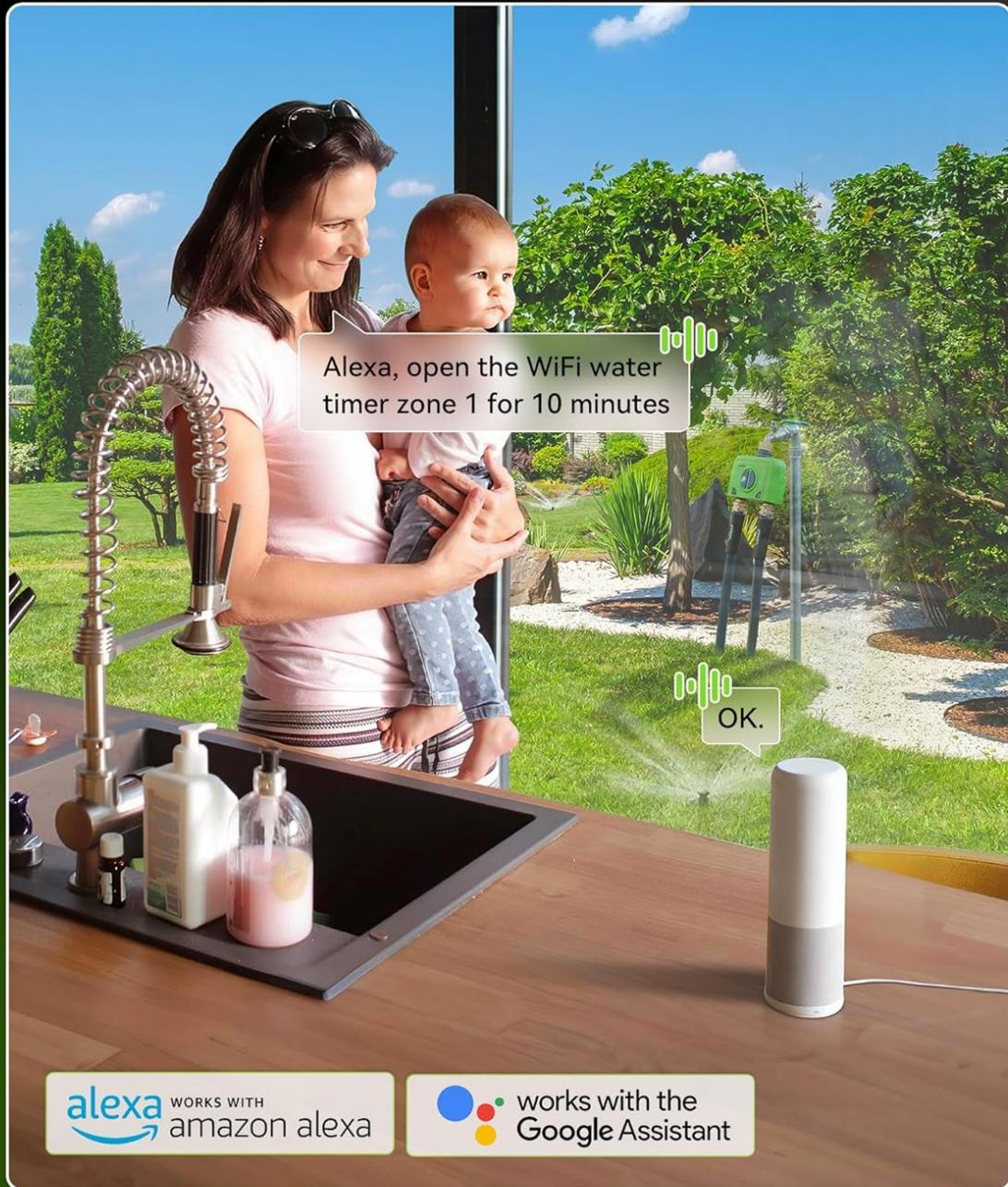


Image: A woman is shown interacting with a smart speaker to control the RainPoint WiFi Water Timer using voice commands, demonstrating its compatibility with smart home assistants.

## 6. MAINTENANCE

### 6.1 Battery Replacement

When the app sends a low battery alert, replace the 4 AA alkaline batteries in the timer promptly to ensure uninterrupted operation.

### 6.2 Cleaning the Filter

The built-in metal filter helps prevent clogging. Regularly check and clean the filter to maintain optimal

water flow and prevent interference with valve operation.

## 7. TROUBLESHOOTING

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- **Gateway is disconnected or offline:** Check if the router is functioning properly. Ensure the gateway is powered on and the Ethernet indicator is flashing. If not, power cycle the gateway. Ensure the gateway is within range of the router and timer.
- **Timer cannot connect:** Check if the Wi-Fi network environment is functioning properly. Ensure the timer is within range of the gateway. Try resetting the timer by pressing and holding the button until the LED flashes rapidly, then re-pair via the app.
- **Unable to open the valve:** Replace batteries if low. Clean any debris from the filter. Wait a moment and try opening the valve again.

## 8. SPECIFICATIONS

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Feature	Detail
Product Dimensions	5.6 x 3.2 x 7.4 inches
Item Weight	1.52 pounds
Manufacturer	RAINPOINT
Item Model Number	HTV245FRF + HWG040WLBRF
Color	Green
Brand	RAINPOINT
Material	Brass Inlet & Outlet

## 9. WARRANTY & SUPPORT

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RAINPOINT provides a 1-year limited warranty on this product against manufacturing defects. For support, please visit the RAINPOINT website or contact customer service through the app.