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> RAINPOINT WiFi Automatic Drip Irrigation System (Model: EU-SD001-M) User Manual

## RAINPOINT EU-SD001-M

# RAINPOINT WiFi Automatic Drip Irrigation System (Model: EU-SD001-M) User Manual

Brand: RAINPOINT

## INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, and maintenance of your RAINPOINT WiFi Automatic Drip Irrigation System. This system is designed to provide efficient and automated watering for potted plants on balconies, in offices, or gardens, ensuring optimal plant health and significant water savings.

## SAFETY INFORMATION

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- The WiFi automatic irrigation system requires a USB power connection for remote control and schedule modification.
- Ensure the USB cable is powered on before connecting to Wi-Fi.
- Connect only to 2.4 GHz WiFi networks. For dual-band routers, independently activate the 2.4 GHz WiFi band and name it differently from the 5 GHz band during initial setup.
- Do not immerse the main unit in water.
- Keep out of reach of children.

## WHAT'S IN THE BOX

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The RAINPOINT WiFi Automatic Drip Irrigation System kit includes:

- RAINPOINT Water Pump x1
- 10m Tubing x1
- Micro-Drippers x10
- Water Flow Regulation Valves x10
- T-Connectors x10
- Straight Connectors x3
- Cross Connectors x3
- Sealing Plugs x3
- Filter x1

- Check Valve x1
- USB Charging Cable x1
- Hook x1
- Instruction Manual



Image: All components of the RAINPOINT WiFi Automatic Drip Irrigation System kit, including the pump, tubing, drippers, connectors, and cables, are neatly arranged on a wooden table.

## SETUP

### 1. System Placement

Place the main pump unit in a suitable location. It is recommended that the pump unit be positioned above the water reservoir (e.g., a bucket or tank) and that the plants to be watered are not more than 2.5 meters higher than the pump unit for optimal water flow.

# Kit fai da te per irrigazione a goccia Irriga fino a 10 piante



Piante sane



Risparmio idrico



Uniforme



Espandibile



Auto



Image: The RAINPOINT pump unit is shown clipped to the side of a clear water bucket, with the water intake hose submerged. Tubing extends from the pump to several potted plants, demonstrating a typical setup.

## 2. Tubing and Dripper Assembly

1. Cut the 10-meter tubing to the desired lengths to reach each plant.
2. Use T-connectors to branch the tubing to multiple plants. Straight connectors can be used to extend tubing sections.
3. Attach the micro-drippers to the end of each tubing line and insert them into the soil of your potted plants. For larger pots, consider using two drippers per pot.
4. Install the filter on the water intake hose to prevent impurities from entering the pump.
5. Place the check valve near the pump's water outlet to prevent backflow.
6. Ensure sealing plugs are used at the end of any unused tubing lines to prevent water leakage.

# Modalità di irrigazione doppia

Innaffiare in qualsiasi momento per la cura delle piante



## Piano di irrigazione

Ora di inizio: 10:30			Durata: 2 minuti			Periodo: 2 giorni	
Giorno 1	Giorno 2	Giorno 3	Giorno 4	Giorno 5	Giorno 6		
10:30/ 2 minuti		10:30/ 2 minuti		10:30/ 2 minuti			

Image: A detailed view of a micro-dripper delivering water directly to the roots of a plant in a pot, highlighting the efficient drip irrigation method.

### 3. Power Connection

The system can be powered by 4 AA batteries (not included) or via the included USB cable. For WiFi functionality and remote control, the system *must* be powered via the USB cable.



**Risparmio di tempo e denaro**

**Programma di irrigazione flessibile**

**I vantaggi principali delle piante**

**Realizzato in materiale PVC di qualità industriale per una durata impareggiabile**  
Più relax, più tempo e denaro risparmiati  
Irrigazione fai da te

Image: The RAINPOINT irrigation system's main unit is shown connected to a USB power adapter plugged into a wall socket, illustrating the USB power option.

#### 4. App Download and WiFi Connection

1. Download the "RainPoint" app from your smartphone's app store (available for iOS and Android).
2. Ensure the irrigation system is powered via USB.
3. Open the RainPoint app and follow the on-screen instructions to add your device. Ensure your smartphone is connected to a 2.4 GHz WiFi network during this process. If you have a dual-band router, temporarily separate the 2.4 GHz and 5 GHz bands and connect your phone to the 2.4 GHz band.

# APP-Fernbedienung

Sorgenfreier Urlaub



Image: A smartphone displays the RainPoint app, showing options for setting irrigation frequency and duration. The physical irrigation unit is visible in the background.

## OPERATING INSTRUCTIONS

### 1. Irrigation Modes

- **Automatic Mode:** Set custom watering schedules based on local weather conditions, temperature, humidity, sunrise/sunset, or specific days of the week via the RainPoint app. You can adjust watering duration from 20 seconds to 30 minutes and frequency from 1 hour to 24 hours or 1 day to 7 days.
- **Manual Mode:** Initiate watering instantly for a specified duration directly from the app or by pressing the manual button on the device.

# PERCHÉ NOI?



VS

- ✓ Funzionamento automatico/manuale tramite APP
- ✓ 2 frequenze di irrigazione
- ✓ Tubo di collegamento nero
- ✓ Flusso d'acqua regolabile
- ✓ Acqua in profondità nelle radici
- ✓ USB/A batteria

## Altro

- Impostazioni manuali
- Frequenza di irrigazione singola
- Tubo di collegamento trasparente
- A batteria

Image: The RAINPOINT irrigation system's control unit, showing the WiFi indicator and manual control button, positioned near a potted plant.

## 2. Smart Features (via RainPoint App)

- **Remote Control:** Manage and modify irrigation plans from anywhere using the app.
- **Smart Alarms:** Receive notifications on your app when the automatic irrigation plan is activated or when the water reservoir is low.
- **Family Sharing:** Add multiple family members to the app to manage irrigation collaboratively, preventing repeated watering.
- **Rain Delay:** The system can automatically delay watering based on local weather forecasts to prevent overwatering and conserve water.

## Avvisi informativi – promemoria per l'acqua e la batteria in esaurimento

Smettete di preoccuparvi delle piante mancanti e godetevi le vacanze in tutta tranquillità.

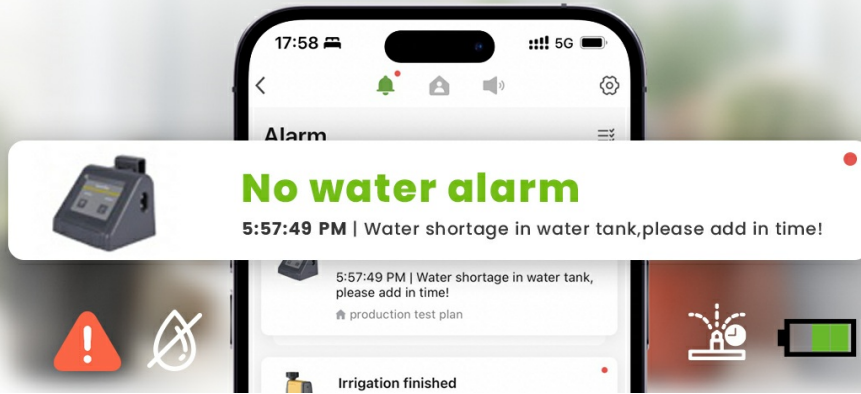


Image: A smartphone displays a "No water alarm" notification from the RainPoint app, indicating a low water level in the reservoir.



Condivisione con un solo clic, gestione condivisa, irrigazione semplice

Image: The RainPoint app interface demonstrating the family sharing feature, allowing multiple users to manage the irrigation system.

## MAINTENANCE

- **Refill Water Reservoir:** Regularly check and refill your water reservoir to ensure continuous operation. The app will send a "No water alarm" notification when the water level is low.
- **Clean Filter:** Periodically inspect and clean the water intake filter to prevent blockages and ensure optimal pump performance.
- **Check Tubing and Drippers:** Ensure all tubing connections are secure and drippers are not clogged. Clean or replace as needed.

## TROUBLESHOOTING

### 1. System Not Connecting to WiFi

- Ensure the system is powered via the USB cable. WiFi functionality requires USB power, not just batteries.
- Verify your router is broadcasting a 2.4 GHz WiFi signal. For dual-band routers, temporarily separate the 2.4 GHz and 5 GHz bands and connect your phone to the 2.4 GHz band during setup.
- Move the system closer to your WiFi router to improve signal strength.
- Restart your router and the irrigation system.

### 2. No Water Flow or Weak Flow

- Check if the water reservoir is empty and refill it.
- Ensure the water intake filter is clean and not clogged.
- Verify that the pump unit is positioned above the water source and that plants are not excessively higher than the pump (maximum 2.5 meters).
- Inspect tubing for kinks or blockages.
- Ensure all connections are secure and there are no leaks.

### 3. Water Leakage

- Check all tubing connections and ensure they are tightly secured.
- Verify that all unused tubing ends are properly sealed with the provided sealing plugs.
- Inspect the water flow regulation valves for proper installation and ensure they are not damaged.

## SPECIFICATIONS

Feature	Specification
Brand	RAINPOINT
Model Name	RAINPOINT EU-SD001-M
Dimensions	12 cm x 15 cm x 5.2 cm
Style	Drip Irrigation
Material	Plastic
Hose Length	10 Meters
Number of Pieces	31
Power Source	USB (and 4xAA Batteries for offline operation)
Smart Home Compatibility	Compatible with Smart Home (via RainPoint App)
EU Spare Parts Availability	3 Years

## WARRANTY AND SUPPORT

The RAINPOINT Irrigation System is covered by a 45-day money-back guarantee and a 3-year replacement warranty.

For any questions, technical assistance, or warranty claims, please contact RAINPOINT customer support. Refer to the contact information provided in the product packaging or on the official RAINPOINT website.