

RAINPOINT TCIK10PNHV1-Z

RAINPOINT Automatic Watering System for Potted Plants

INSTRUCTION MANUAL

1. Product Overview

The RAINPOINT Automatic Watering System is designed to provide efficient and automated irrigation for your potted plants, both indoors and outdoors. This system supports watering for up to 10 flowerpots, offering flexible scheduling options including watering duration from 6 seconds to 30 minutes and watering frequency from 1 day to 7 days. It also features a delay watering mode for 1 to 24 hours, ideal for situations like rain or when you need to pause the schedule. The system is powered by either 4 AA batteries (not included) or a USB charging port (cable included), ensuring continuous operation even during power outages.



The RAINPOINT Automatic Watering System in action, demonstrating its ability to water multiple potted plants.



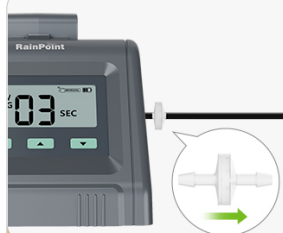
Thicker premium pipe

- Prevent green algae
- Clean and odor free



Precision water filter

- Increase water absorption
- Prevent impurities blocking



Backflow check valve

- Prevent water flowing back
- Prevent equipment leakage



Flexible clip

- Space saving
- Random placement

WHY RAINPOINT WORTH IT?

The system is versatile and can be used in various environments, including indoor spaces, outdoor patios, and greenhouses.

2. What's in the Box

Please check the contents of your package against the list below:



An illustration of the components included in the RAINPOINT Automatic Watering System kit.

- Gift Package * 1
- USB Cable (1.2M micro USB) * 1
- 10m (32.8ft) Tubing * 1
- Tubing End Caps * 3
- Water Pump * 1
- Filter * 1
- Check Valve * 1
- T Barb Fitting * 10
- Straight Barb Fitting * 3
- Micro Drip Emitters * 10

3. Setup and Installation

Follow these steps to set up your RAINPOINT Automatic Watering System:



A visual guide detailing the installation process from measuring tubes to inserting drippers.

1. **Measure and Cut Tubing:** Determine the required length of tubing for each plant and cut it using scissors. Ensure the tubing is long enough to reach from the pump to each plant's pot.
2. **Attach Fittings:** Connect the T-barb fittings and straight barb fittings to create your desired irrigation layout. These fittings allow you to branch off the main tube to individual plants.
3. **Install Micro Drip Emitters:** Attach a micro drip emitter to the end of each tube segment that will go into a plant pot.
4. **Install Filter:** Insert the provided filter at the end of the inlet pipe, which will be submerged in your water reservoir. This prevents debris from entering the pump.
5. **Install Check Valve:** Install the check valve at the outlet pipe near the pump. This prevents water from flowing back and helps prevent siphoning.
6. **Hook the Device to the Tank:** Use the flexible clip to securely attach the main unit to the edge of your water reservoir (e.g., a bucket or container). Ensure the pump's inlet is submerged in the water.
7. **Insert Drippers into Soil:** Place the micro drip emitters into the soil of each potted plant, ensuring they are close to the plant's roots for efficient watering.

Powering the Device:

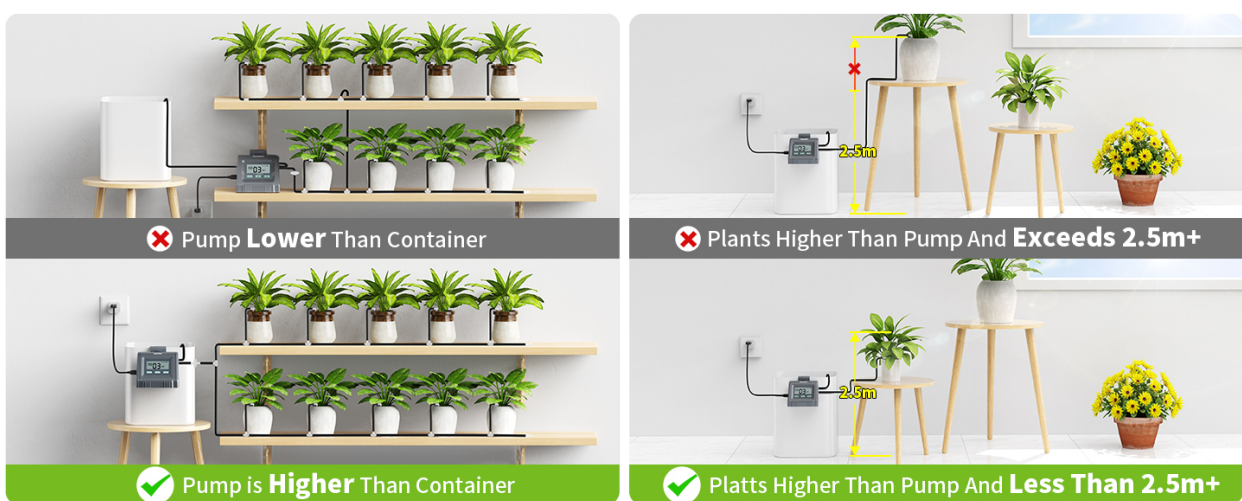
The system offers two power options:

- **USB Charge:** Connect the included 1.2M micro USB cable to the device and a USB power adapter (not included).
- **Battery Charge:** Insert 4 AA batteries (not included) into the battery compartment. If USB power fails, the system will automatically switch to battery power.



The system can be powered via USB or 4 AA batteries, providing flexible power options.

Important Placement Guidelines:



Visual instructions for optimal pump and plant height relative to the water source.

- Ensure the pump is **higher** than the water container to prevent siphoning issues.
- Plants can be higher than the pump, but the maximum height difference should not exceed 2.5 meters.

4. Operating Instructions

The RAINPOINT Automatic Watering System allows for precise control over your plant's watering schedule.



The system's display clearly shows options for setting watering duration and frequency.

Setting Watering Schedule:

- **Watering Duration (HOW LONG):** Set the amount of time the pump will run for each watering cycle. This can be adjusted from 6 seconds to 30 minutes.
- **Watering Frequency (HOW OFTEN):** Set how often the watering cycles will occur. This can be adjusted from 1 hour to 7 days.
- **Delay Time:** If needed, you can delay the next watering schedule for 1 to 24 hours. This is useful during rainy periods or when plants do not require immediate watering.

Use the control buttons on the device to navigate through the settings and adjust the values. Refer to the display for current settings and battery status.



Detailed view of the control panel, including the LCD screen, OK button, UP/DOWN buttons, Micro USB Port, Inlet Port, and

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your watering system.

- **Filter Cleaning:** Periodically check and clean the water filter to prevent impurities from blocking the system and ensure consistent water flow.
- **Tubing Inspection:** Inspect the tubing for any kinks, blockages, or damage. The system includes black tubing which helps prevent moss growth compared to clear tubing.

A visual comparison highlighting the benefit of black tubing in preventing moss growth.

- **Low Battery Indicator:** The device features a low battery indicator. When the power is low, the battery icon on the LCD screen will flash quickly, signaling that batteries need to be replaced or the USB power source checked.



The low battery indicator on the device's display, showing when power is running low.

6. Troubleshooting

If you encounter issues with your RAINPOINT Automatic Watering System, refer to the following common problems and solutions:

- **No Water Flow:**
 - Check if the water pump is properly submerged in the water reservoir.
 - Ensure the filter is not clogged. Clean if necessary.
 - Verify that the tubing is not kinked or blocked.
 - Check the power source (batteries or USB) and ensure the device is powered on.
- **Uneven Water Distribution:**
 - Ensure all connections are secure and there are no leaks.

- Adjust the placement of micro drip emitters to ensure even distribution to all plants.
- For plants at different heights or distances, consider adjusting the flow rate at individual drippers if your setup allows, or ensure the main pump is positioned correctly relative to the plants (refer to placement guidelines in Section 3).

- **Siphoning (Water continues to flow after pump stops):**

- Ensure the pump unit is positioned **higher** than the water reservoir. This is crucial to prevent gravity-induced siphoning.
- Verify that the check valve is correctly installed at the outlet pipe near the pump. The check valve is designed to prevent backflow.

- **Device Not Responding:**

- Replace batteries or ensure the USB power connection is stable.
- If the device has been exposed to extreme temperatures, allow it to return to normal operating temperature.

7. Specifications

Feature	Specification
Model Name	IK10P
Item Model Number	TCIK10PNHV1-Z
Brand	RAINPOINT
Power Source	Battery Powered (4 AA, excluded) / USB Charging Port (cable included)
Hose Length	32.8 Feet (10m)
Maximum Pressure	0.3 Bars
Volume Capacity	30 Liters/Hour
Control Type	Schedule Control (Auto/Manual/Delay)
Item Dimensions (L x W x H)	5.91 x 3.94 x 3.94 inches
Item Weight	1.41 pounds
Material	Plastic

8. Support

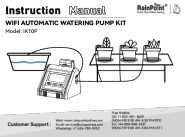
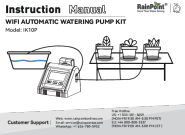
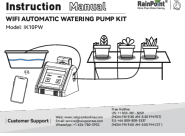
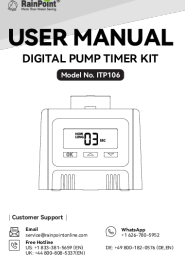


For any questions, technical assistance, or support regarding your RAINPOINT Automatic Watering System, please contact RAINPOINT customer service. We aim to provide an answer within 24 hours.

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Support](#)

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[Local Business
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Related Documents - TC1K10PNHV1-Z

 <p>Instruction Manual RainPoint® WIFI AUTOMATIC WATERING PUMP KIT Model: IK10P</p>	<p>RainPoint IK10P WiFi Automatic Watering Pump Kit User Manual</p> <p>User manual for the RainPoint IK10P WiFi Automatic Watering Pump Kit, detailing product features, installation, operation, troubleshooting, and warranty. This smart watering system helps automate plant care.</p>
 <p>Instruction Manual RainPoint® WIFI AUTOMATIC WATERING PUMP KIT Model: IK10P</p>	<p>RainPoint IK10P WiFi Automatic Watering Pump Kit - Instruction Manual</p> <p>Comprehensive instruction manual for the RainPoint IK10P WiFi Automatic Watering Pump Kit. Learn about product overview, package contents, technical specifications, installation, operation, troubleshooting, and warranty.</p>
 <p>Instruction Manual RainPoint® WIFI AUTOMATIC WATERING PUMP KIT Model: IK10PW</p>	<p>RainPoint IK10PW WiFi Automatic Watering Pump Kit User Manual</p> <p>Comprehensive guide to the RainPoint IK10PW WiFi Automatic Watering Pump Kit, covering setup, installation, app usage, troubleshooting, and warranty for smart indoor plant watering.</p>
 <p>USER MANUAL RainPoint® DIGITAL PUMP TIMER KIT Model No. ITP106</p>	<p>RainPoint ITP106 Digital Pump Timer Kit User Manual</p> <p>User manual for the RainPoint ITP106 Digital Pump Timer Kit, providing comprehensive instructions on setup, operation, troubleshooting, and warranty information for automatic garden watering systems.</p>
 <p>USER MANUAL RainPoint® Rainpoint Outdoor Solar Irrigation System Model No. IK15P-DLS</p>	<p>RainPoint Outdoor Solar Irrigation System User Manual IK15P-DLS</p> <p>Comprehensive user manual for the RainPoint Outdoor Solar Irrigation System, Model IK15P-DLS. Provides detailed instructions on setup, operation, functions, specifications, troubleshooting, and warranty information for efficient garden watering.</p>
 <p>Quick Start Guide RainPoint® Wi-Fi Water Pump</p>	<p>RainPoint Wi-Fi Water Pump Quick Start Guide - Setup and Troubleshooting</p> <p>Comprehensive quick start guide for the RainPoint Wi-Fi Water Pump. Learn how to download the app, connect your device, install the pump, test functionality, and resolve common issues. Includes warranty information and support contacts.</p>