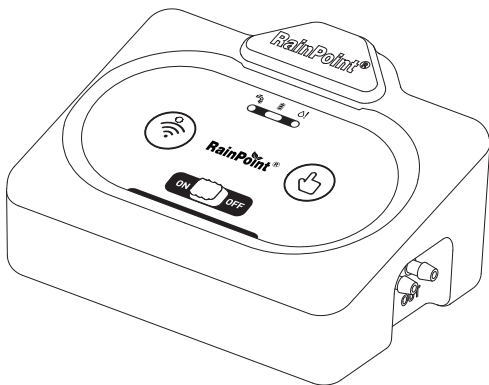


USER MANUAL

WI-FI AUTOMATIC INDOOR WATERING PUMP KIT

Model No.: HTP159W



Hotline

US: +1 833-381-5659
DE: +49 800-182-0576
UK: +44 20-4628-3036



Email

service@rainpointonline.com

CONTENTS

1. INTRODUCTION	01
1.1 Package Contents	01
1.2 Product Overview	03
1.3 Specifications	05
2. INSTALLATION AND CONNECTION	06
2.1 App Installation and Pump Connection	06
2.2 Pump Charging	08
2.3 Pump Installation	08
2.3.1 Pump Placement	08
2.3.2 Tubing Setup	10
2.4 Pre-Use Testing	13
3. APP INTRODUCTION	13
4. TROUBLESHOOTING	15
5. WARRANTY POLICY	16
6. CUSTOMER SUPPORT	17

WARM TIPS

PLEASE READ BEFORE USING



Make sure the tubing is fully inserted and firmly connected to the IN and OUT ports to prevent leaks.



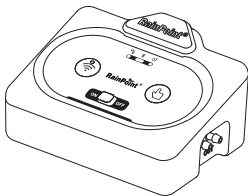
Position the pump higher than the water source to avoid siphoning.



Only use with clean cold water.

1. INTRODUCTION

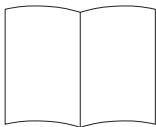
1.1 Package Contents



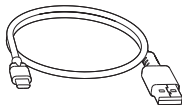
1



3

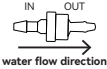


2

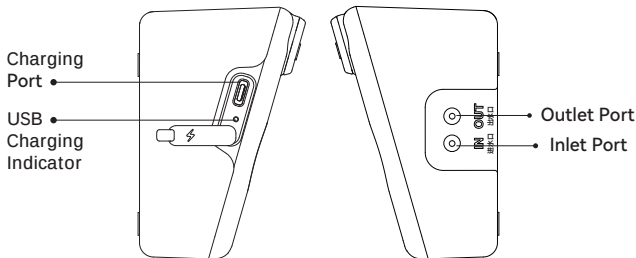
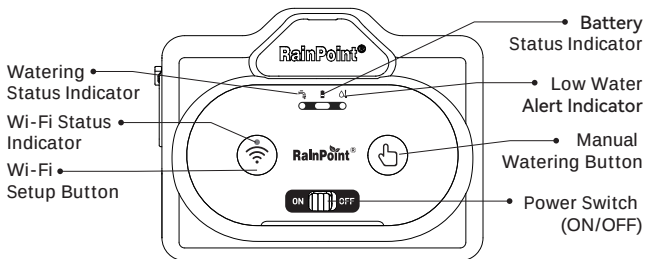


4

1. 1 X HTP159W Indoor Watering Pump
2. 1 X User Manual
3. 1 X Detachable Rear Hook
4. 1 X USB-C Cable
5. 1 X Accessories Kit (See next page)

Accessories Included	Name	PCS	Function
	Tubing	1	Tubing for Main Line Length: 49.2 ft (15 m) Inner diameter: 1/6" (4 mm)
	Tubing	1	Tubing for Branch Line Length: 16.4 ft (5 m) Inner diameter: 1/8" (3 mm)
	Filter	1	Filter impurities from water
	End Plug	3	Stop water flow at the end of the tubings
	Micro Drip Emitter	15	Insert into soil to water the plant root directly
	T-shaped Barb	15	Split the water flow and connect the 1/6" (4 mm) tubing to the 1/8" (3 mm) tee
	Cross Barb	1	Split water flow and connect tubings
	Anti-Siphon Valve	1	Prevent siphoning and backflow
	Zip Tie	15	Secure and organize tubings

1.2 Product Overview



Item	Condition or Operation	Indicator Status
Watering Status Indicator (Green)	• Watering. • Soaking phase.	• Watering: green fast flashing. • Soaking phase: green flashes once every 10 seconds.
Battery Status Indicator	• Device operation or schedule start. • Battery depleted.	• Sufficient battery: green solid on. • Low battery: red slow flashing (until depleted). • Depleted prompt: red flashes twice.
Low Water Alert Indicator	• Low water detected. • Water detected again.	• Low water: red flashing. • Water detected again: off.
Wi-Fi Status Indicator	• Not paired • Pairing mode • Connecting • Connected • Wi-Fi failed • Offline	• Not paired: green on for 0.2 seconds. • Pairing: red fast flashing. • Connecting: red slow flashing. • Connected: green solid on for 30 seconds, then off. • Wi-Fi failed: red slow flashing; button press triggers two flashes. • Offline: red flashes twice every 10 seconds.

Item	Condition or Operation	Indicator Status
Wi-Fi Setup Button	Standby: press and hold 3 seconds.	
Manual Watering Button	- Standby: short press to start or stop. - Pump running: short press to start or stop.	
Power Switch	- Slide to ON. - Slide to OFF.	
USB Charging Indicator	- USB charging in progress. - USB charging complete.	- Charging: amber solid on. - Complete: green solid on.

1.3 Specifications

PARAMETER	VALUE
Inlet and Outlet Outer Diameter	4 mm
Wi-Fi Connection Range	Up to 262 ft (80 m) in open, unobstructed areas with minimal interference
Flow Rate	30 L/h
Max Head	3 m
Operating Temperature Range	37–122 °F (3–50 °C)
Power Supply	USB-C

2. INSTALLATION AND CONNECTION



Setup Video



Customer Support

Tips: Scan the QR code or visit the links below to access the setup video and customer support for quick installation.

Setup Video:

www.youtube.com/@rainpoint

Customer Support:

www.rainpointonline.com/pages/support

2.1 App Installation and Pump Connection

- 1) In Google Play Store or the App Store, search for "**RainPoint Home**", or scan the QR code to download and install the app.
- 2) Open the RainPoint Home app and select "**Register**". Follow the on-screen steps to create an account using an email address, or sign in with an existing account.

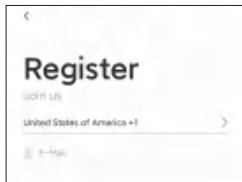


iOS

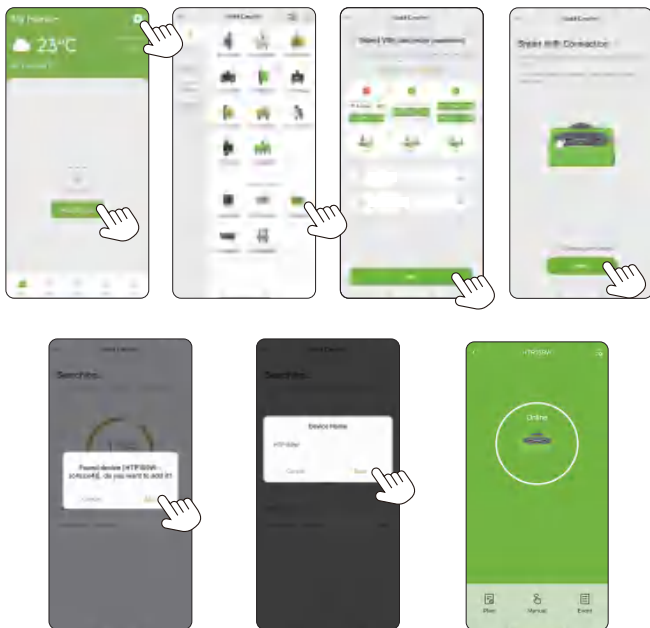


Android

RainPoint Home



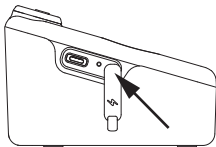
3) Connect the pump as shown in the diagram below.



Note: During Wi-Fi setup, if separate networks are shown, select 2.4 GHz, if a combined network is used, continue setup.

2.2 Pump Charging

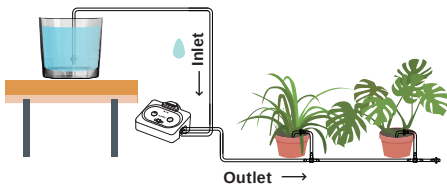
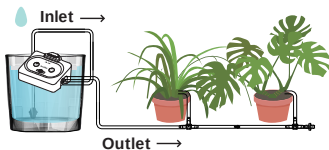
- 1) Insert the provided USB-C cable horizontally into the USB-C port on the pump.
- 2) Connect the other end to a DC 5V 1A adapter (not included).
- 3) When fully charged, USB charging indicator turns solid green.



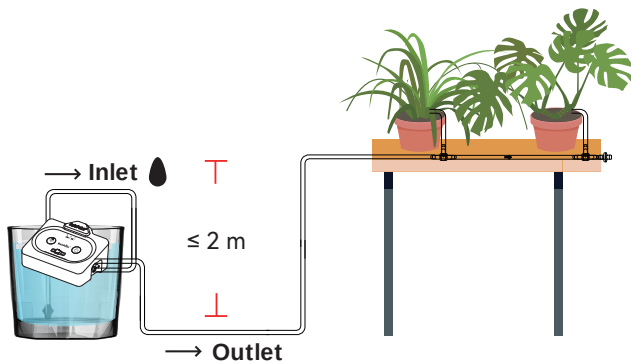
2.3 Pump Installation

2.3.1 Pump Placement

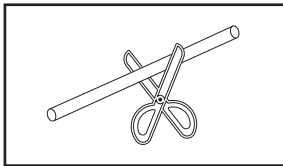
- Do not place the pump below the water level in the container. This effectively prevents siphoning, which can cause leakage or over-watering.



- Applicable height difference ≤ 6.6 ft (2 m)

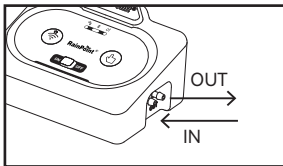


2.3.2 Tubing Setup



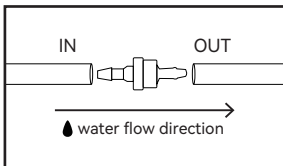
Step 1:

Plan the drip irrigation layout and cut the tubing into the required lengths.



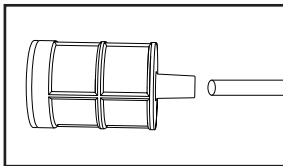
Step 2:

Remove the protective caps, then connect the 1/6" (4 mm) tubing to the water inlet and outlet ports.



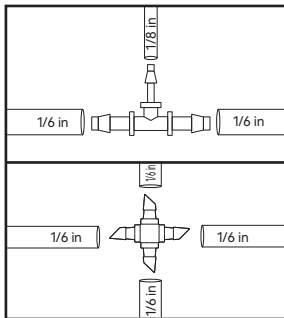
Step 3:

Attach anti-siphon valve to outlet tubing near the pump. This helps prevent backflow and siphoning. **(Note:** Ensure the valve is installed in the correct flow direction.)



Step 4:

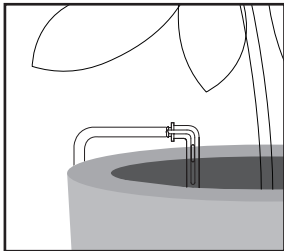
Insert the filter into the other end of the water inlet tubing and place it into the water container.



Step 5:

Connecting the appropriate barb fittings:

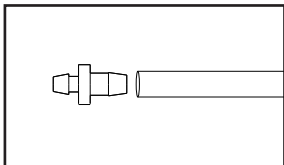
- 1) To split a 1/8" (4 mm) tubing into two directions, use a T-shaped barb fitting.
- 2) To split the tubing into three directions, use a cross barb fitting.



Step 6:

Connect a micro drip emitter to the end of each branch tubing to deliver targeted watering at the base of each plant.

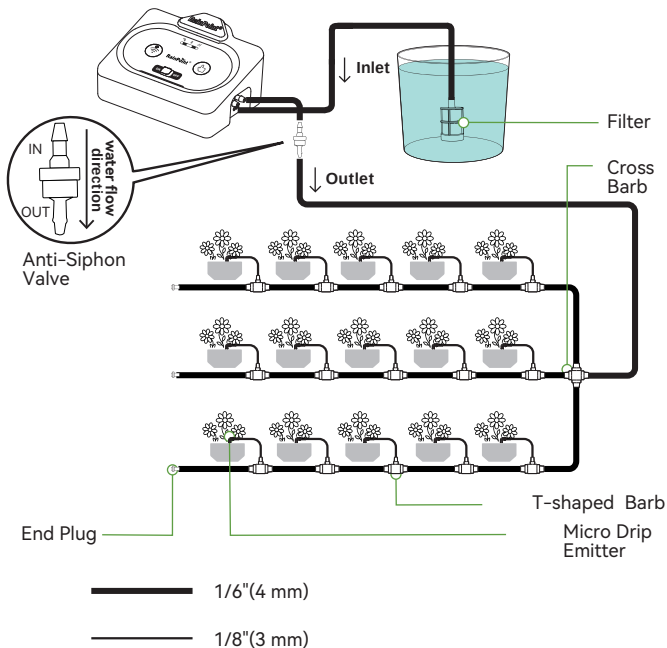
Note: Loosen the soil before inserting the emitter at least 3" (8 cm) deep. This helps water reach the plant roots effectively.



Step 7:

After water starts flowing from the end of the tubing, install the end plug to release any remaining air from the line.

Connect components in the following order:



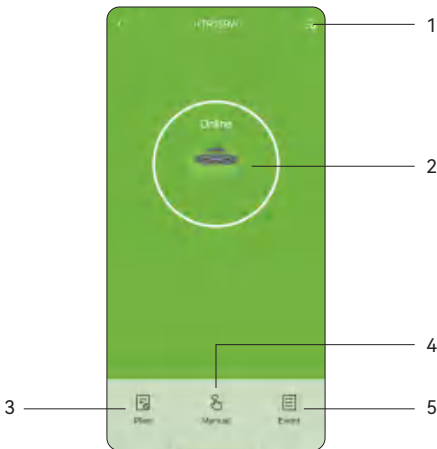
Tips: Install tubing end plug after water has flowed from the pipe end.

2.4 Pre-Use Testing

1. Short press  to start the pump. Water will be pumped out and delivered to the plants through the tubing.
2. Check all tubing connections for leaks. If there is any leakage, the connection is not tightened properly. Tighten it until no leaks are found.
3. If the test is normal, proceed to the next step.

3. APP INTRODUCTION

Pump Home Screen



1. Settings:

Used to view and manage basic device information and access advanced options:

- Water Shortage Calibration
- Adjusting Sensitivity
- Power-Saving

2. Online Status Display, Next Plan Time:

After the watering schedules are set, the device page displays the next scheduled watering time.

3. Plan:

Up to six schedules can be set. For each schedule, select one of the following watering modes according to irrigation needs:

- Normal Irrigation
- Cycle & Soak

Rain Delay can be set to 24, 48, or 72 hours to avoid watering on rainy days.

Seasonal Adjustment can be used to increase or decrease the watering duration based on seasonal moisture differences.

4. Manual:

Two watering modes are available: **Normal Irrigation** and **Cycle & Soak**.

5. Event:

The online or offline status and irrigation records can be viewed.

4. TROUBLESHOOTING

Issue	Possible Cause	Solution
Uneven water flow	The pump is too far from the water source or the tubing is too long, reducing pumping efficiency.	• Reposition the pump and shorten the tubing if possible. • Check that all tubing connections are installed correctly.
Tubing is hard to insert or remove	The tubing material is stiff for durability.	• Soak the tubing end in hot water for about 10 seconds, or apply a small amount of vegetable oil to the tubing end before connecting.
No watering	No water at the inlet, so the schedule does not run.	• Check the water level in the container at the inlet and refill if needed.
Pump cannot connect	Too far from the router, or the pump is not in pairing mode.	• Move the pump closer to the router during setup. • Press and hold the Pairing button until the indicator flashes quickly, or delete the device in the app and add it again.
Router connection fails	Not using a 2.4 GHz Wi-Fi network, or the Wi-Fi password is incorrect.	• Confirm a 2.4 GHz Wi-Fi network is used. • Confirm the Wi-Fi password is entered correctly.

Issue	Possible Cause	Solution
Schedule does not run on time	The filter is clogged, or Rain Delay is enabled.	• Clean the inlet filter. • Check the Rain Delay setting.

5. WARRANTY POLICY

RainPoint provides a 1-year warranty against manufacturing defects in materials and workmanship from the date of purchase. During the warranty period, products found to be defective under normal use and service, as determined solely by RainPoint, will be replaced free of charge.

To request warranty service, email your order ID to service@rainpointonline.com. A response will be provided within 24 hours on working days.

6. CUSTOMER SUPPORT

For setup difficulties, search "**RainPoint**" on YouTube to view installation videos. If the required information is not found in this user manual or if further assistance is needed, contact customer support before returning the product to the store. The local customer support team will provide a solution within 24 hours on working days and may arrange a replacement or refund where applicable.

For efficient support, please provide the following information:

- Order number
- LOT NO. of the device
- Brief description of the problem

Contact information:

US Hotline: +1 833-381-5659

DE Hotline: +49 800-182-0576

UK Hotline: +44 20-4628-3036

Email: service@rainpointonline.com

FCC ID: 2AWDBHTP149FRF

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation.

If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the device and the receiver.
- Connect the device to an outlet on a different circuit from the one to which the receiver is connected.

If necessary, the user should consult the dealer or a qualified radio/TV technician for additional help. Changes or modifications to this device not expressly approved by the manufacturer may void the user's authority to operate the equipment.

EC REP

NAME: VIAJE ELECTRONIC COMPANY LIMITED

ADDRESS: E588, 13 ADELAIDE ROAD, DUBLIN, D02 P950,
IRELAND

EMAIL: VIAJEELE@outlook.com

UK REP

NAME: SUJE ELECTRONIC COMPANY LIMITED

ADDRESS: S211 92a Bury Old Road, Manchester, England,
M45 6TQ

EMAIL: SUJEELECTRONIC@outlook.com

Manufacturer/Hersteller/Fabricant/Produttore/Fabricante:

FUJIAN BALDR TECHNOLOGY CO., LTD

ADDRESS/ADRESSE/ADRESSE/INDIRIZZO/DIRECCIÓN:

Floor 3, Building 2, No. 71 Yangqi Road, Fuwan Industrial Area,
Cangshan District, Fuzhou, China 350008

EMAIL: service@rainpointonline.com



Points de collecte sur www.quefairedemesdechets.fr
Privilégiez la réparation ou le don de votre appareil !



Need Help?

Scan the QR code to
get fast support



or

US Hotline: +1 833-381-5659

DE Hotline: +49 800-182-0576

UK Hotline: +44 20-4628-3036

Email: service@rainpointonline.com

