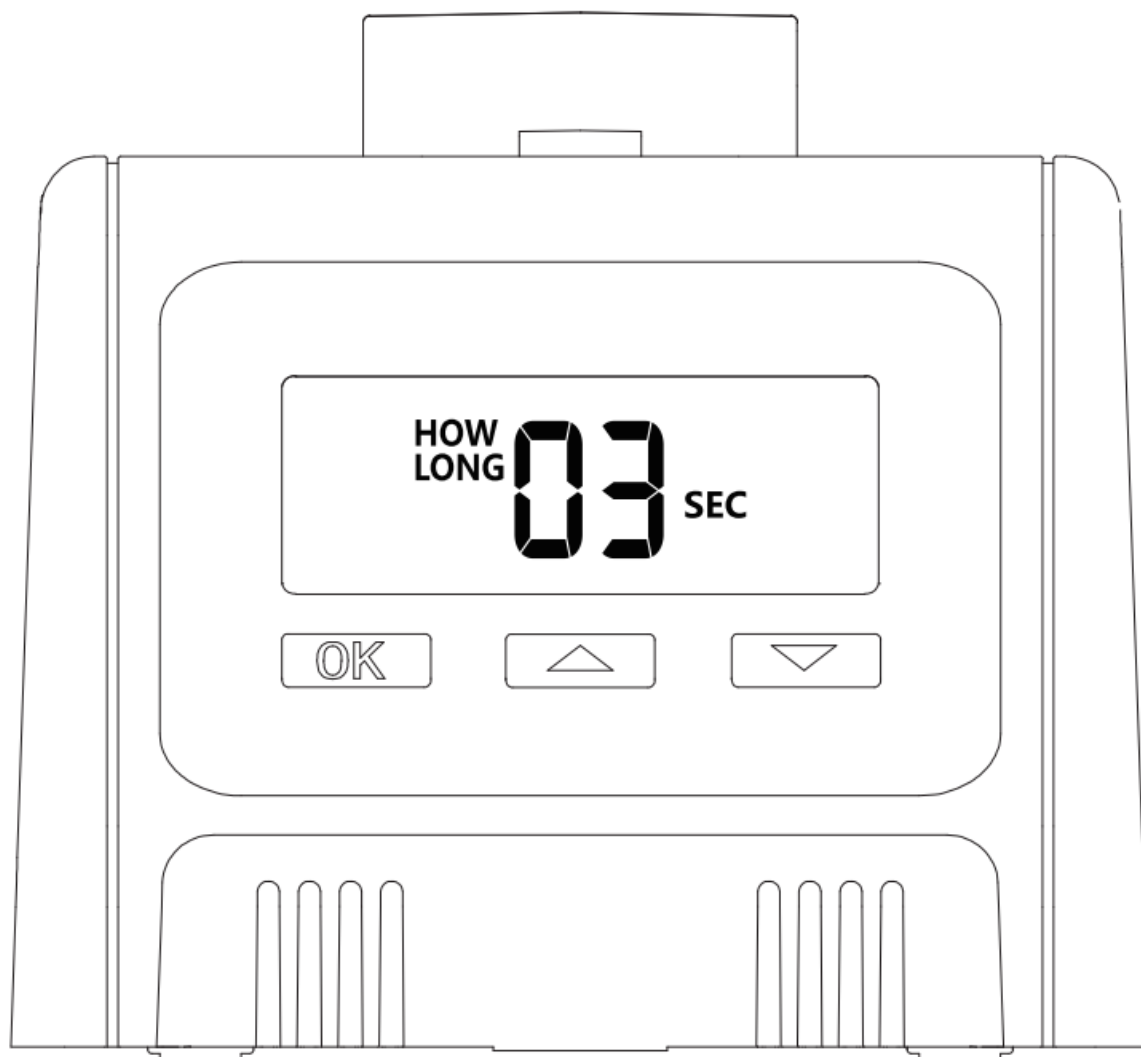


RainPoint ITP106 Automatic Watering System User Manual

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RainPoint ITP106 Automatic Watering System



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WELCOME TO RAINPOINT

Dear friend,

Thanks for choosing RAINPOINT automatic watering system
Your satisfaction as a RAINPOINT customer means everything to us.

Before using this unit, please read these operating instructions carefully, take special care to follow the warning and safety suggestions. If you have any questions or problems during using our product, please contact our customer service and your problem will be solved within 24hrs.

Contact on Amazon: Click on "Ask a question".

Web: www.rainpointonline.com

Email: service@rainpointonline.com

WhatsApp: +1626-780-5952

US Free Hotline (English): +1 833-381-5659

(Mon-Fri: 9:30 AM-5:30 PM PST)

DE Free Hotline (English/Deutsch): +49 800-182-0576



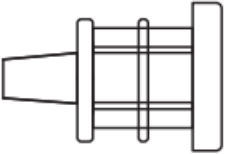
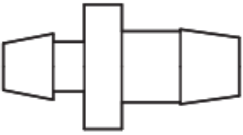

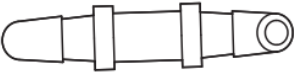
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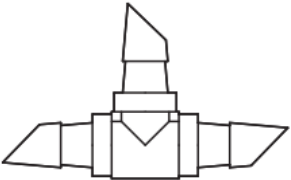
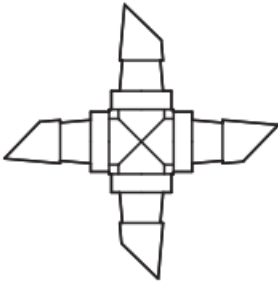

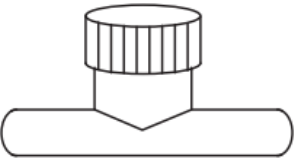
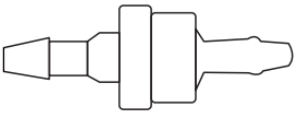
UK Free Hotline (English): +44 800-808-5337

(Mon-Fri: 9:00 AM-5:00 PM CET)

PRODUCT OVERVIEW

PACKAGE INCLUDES






ACCESSORIES INCLUDED	NAME	PCS	FUNCTION
	USB Cable	1	Power supply
	Tubing	1	Length: 10m/32.8 Ft Inner diameter of pipe: 0.17"(> 1/6") Outer diameter of pipe: 1/4"
	Filter	1	Filtering impurities from water
	Tubing End Caps	3	Stop water flow at the end of the pipe
	Micro Dripper	10	Inserted into the soil to water the plant root directly
	Straight Connector	3	Connecting water pipes

	T Barb Connector	10	Split water and connect pipes
	Cross Connector	3	Split water and connect pipes
	Detachable Hook	1	Put it on the timer to make the timer hangable
	Switch Valve	10	Adjust or shut off the water flow in pipes
	Anti-siphon device	1	Prevents water from flowing back into the pump after the pump timer is turned off.

TECHNICAL PARAMETER

Inlet	4mm
Outlet	4mm
Maximum Water Pressure	0.3 Bar
Water Flow	0.4L/Min
Pump Head	3-5m
Working Temperature	0°C to 50°C (37°F-122°F)
Power Supply	1) AA Battery*4 (not included) 2) USB power supply(DC 5V 1A)

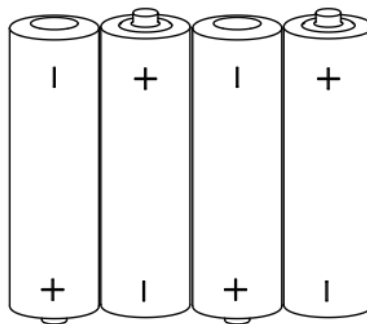
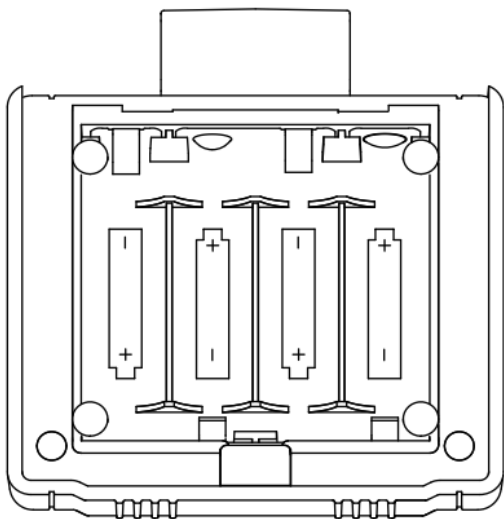
INTRODUCTION OF BUTTONS AND INDICATORS

“OK” Button	<ul style="list-style-type: none"> • Press to enter setting of 3 different options: How Long, How Often and Delay • Press and hold enter the manual watering mode
“▲” Button	Increase the number, hold to accelerate
“▼” Button	Decrease the number, hold to reduce faster
How Long	Watering Duration 20s – 30min
How Often	Watering Frequency 1h -23h or 1day – 7days
Delay	Delay the watering plan 1h – 24h
Remaining	The remaining watering time of the current period
Next	The next watering time
	It is watering
	Currently shortage of water
	Manual operation setting
	Connected with the USB charger
	Low power

TWO POWER SUPPLY METHODS

INSERT 4*AA 1.5V ALKALINE BATTERIES


1. Remove the battery cover from the back of the pump.
2. Insert 4 brand new AA (1.5V) alkaline batteries (not included) as the marked “-“, “+” direction. 3) Firmly reinstall the battery cover back into the pump.

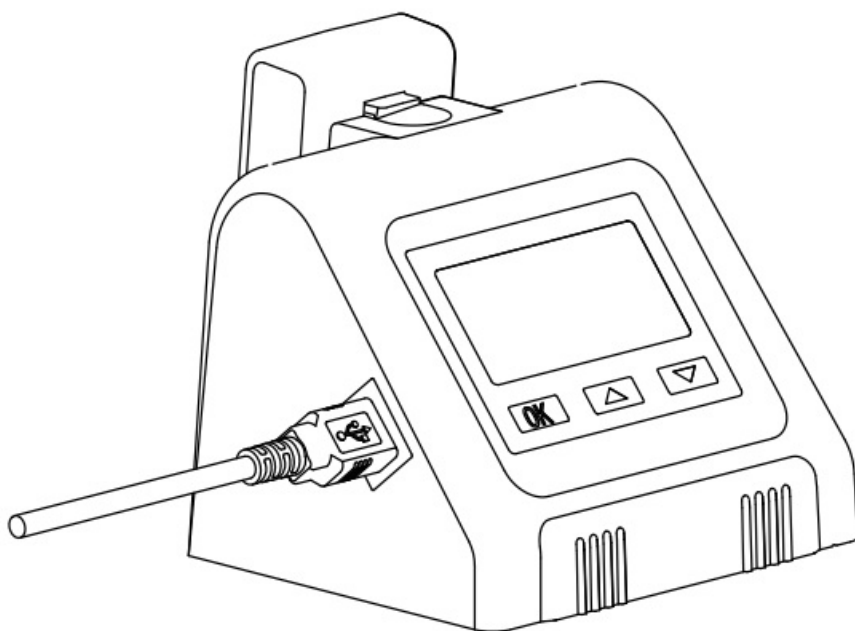


⚠ Note:

- Firmly restore the battery cover to ensure water resistance.
- When it is idle, please remove the battery and store it properly.
- Used up batteries must be removed from the pump.
- Do not dispose of batteries in a fire, which may cause them to explode or leak.

PLUG IN THE USB CABLE

1. Plug in the USB cable (included)
2. When the power is on, the  indicator will light up.



⚠ Note:

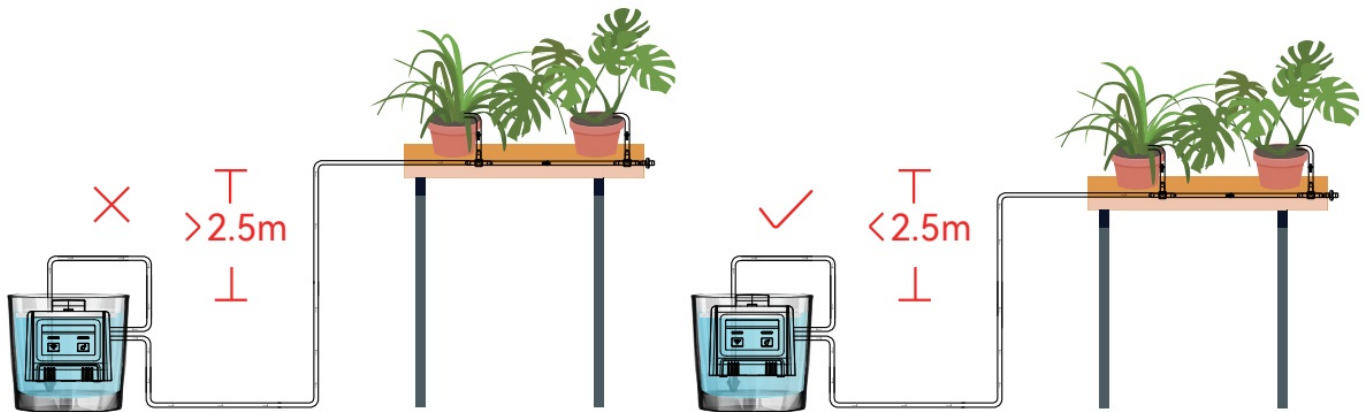
- We recommend that you use a USB power supply when a power source is available. This ensures that the water pump operates on a stable voltage, thus improving its efficiency.

- When both power modes are used simultaneously, priority will be given to the USB cable power. If the USB cable is disconnected, the pump will switch to battery-powered mode.

PRODUCT INSTALLATION

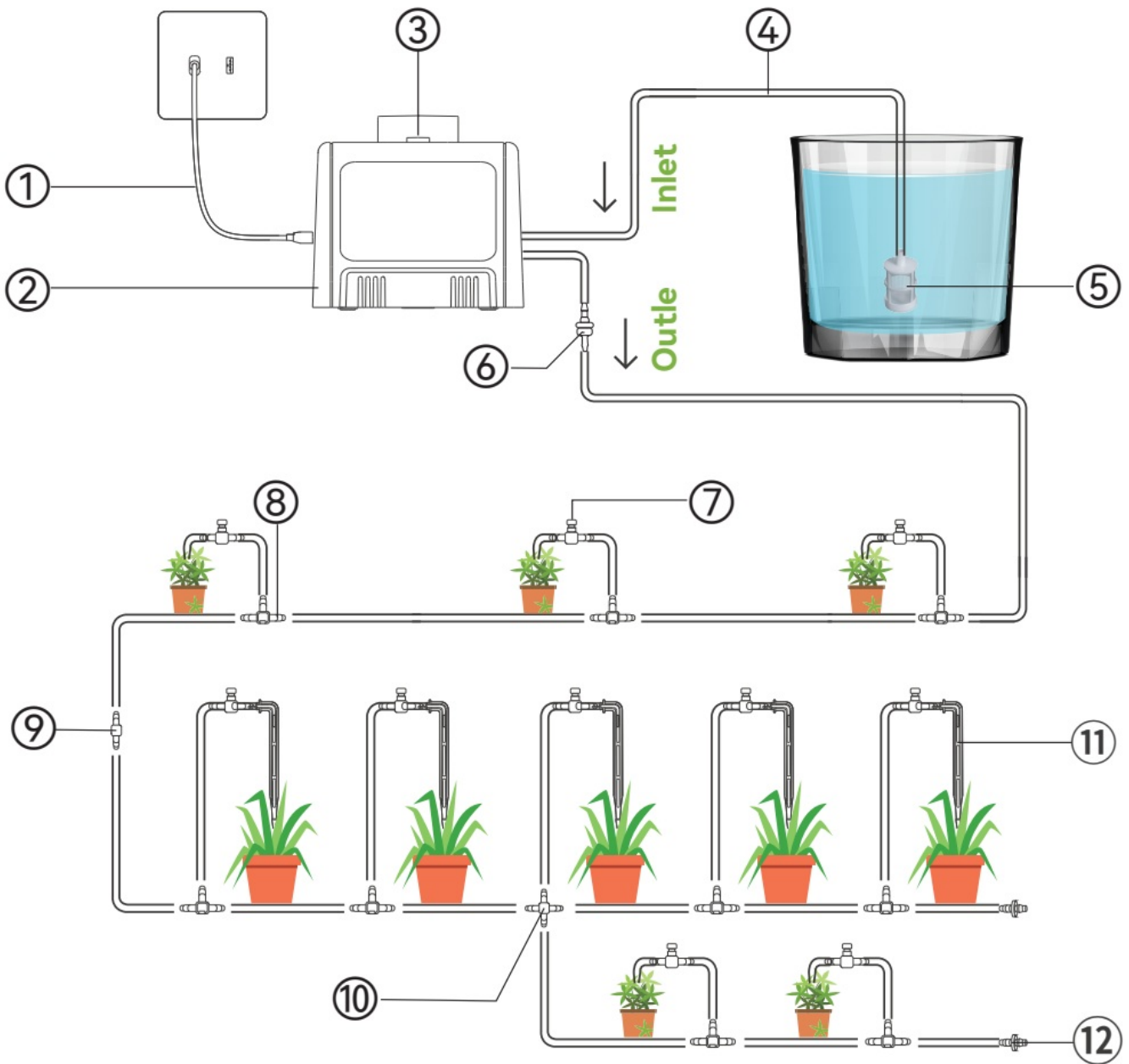
DETERMINE THE CORRECT PLACEMENT

1) The lift length of the water pump: the vertical distance of 2-3m, because the water pipe can not be placed 100% straight, we recommend that the height between the plants and pump should not exceed 2.5m.



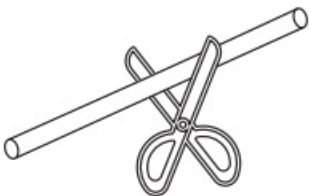
INSTALLATION DIAGRAM

- ① USB Cable
- ② Pump Timer
- ③ Detachable Hook
- ④ Tubing
- ⑤ Filter
- ⑥ Anti-siphon device
- ⑦ Switch Valve
- ⑧ T Barb Connector
- ⑨ Straight Connector
- ⑩ Cross Connector
- Micro Dripper
- Tubing End Caps

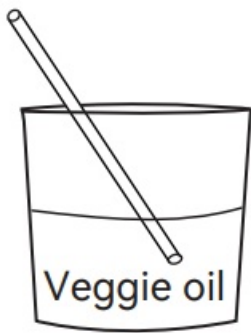


CONNECT THE HOSE CORRECTLY

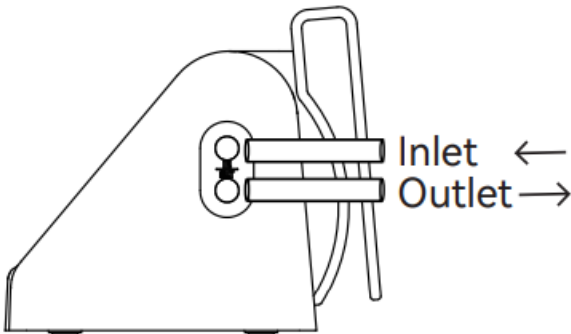
1. Design your watering route, and cut the hose to the length required.



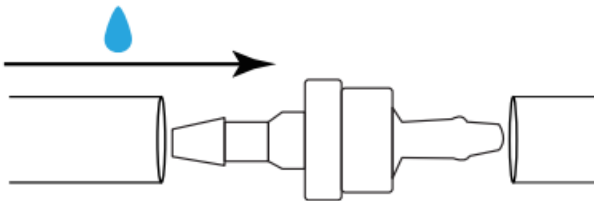
2. Put the head of hose in hot water for 10s or apply a little veggie oil to the hose end before connecting.



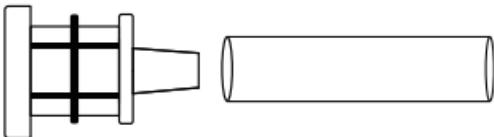
3. Connect the hose to water inlet and outlet.



4. Install an anti-siphon device near the pump outlet to prevent water from flowing back into the pump after the pump timer is turned off.

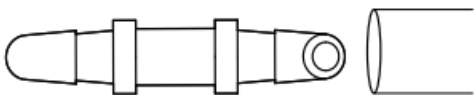


5. Insert the other end of the hose with the filter into the water pump inlet, and then put it into the container.

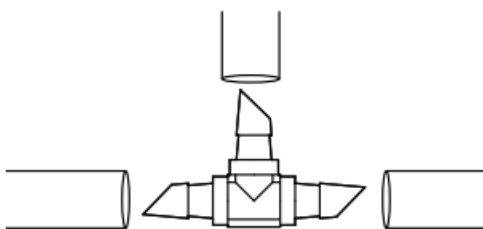


6. Choose the appropriate connector as needed.

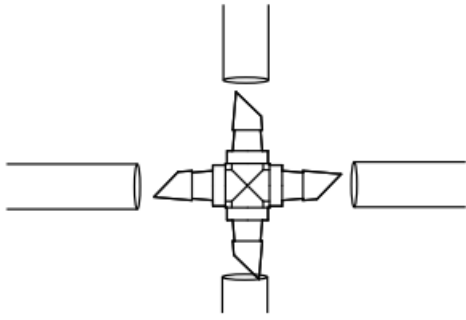
If you only need to directly connect the hose to the water source or main pipeline, you can use a straight connector.



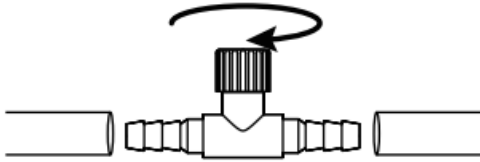
- When you need to split the hose into two branches, you can use a T-shaped connector.



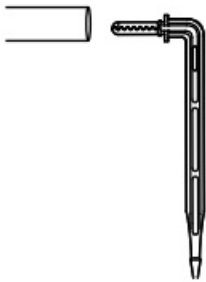
- When you need to divide the hose into three additional branches, you can use a cross connector.



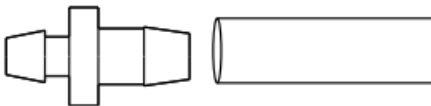
7. Install the switch valve in front of the micro dripper, so that the water flow of each dripper can be adjusted or shut off by rotating the valve.



8. Connect the drippers to the pipeline. These will directly deliver water to the root zone of each plant.
 Tips: Loosen the soil first, then insert the drippers at least 3 inches deep into the soil, as this will help water reach the plant roots.



9. Please install tubing end caps after water flows out from the end of the pipe to avoid air in the pipe so that the water cannot flow smoothly to the end of the pipe.



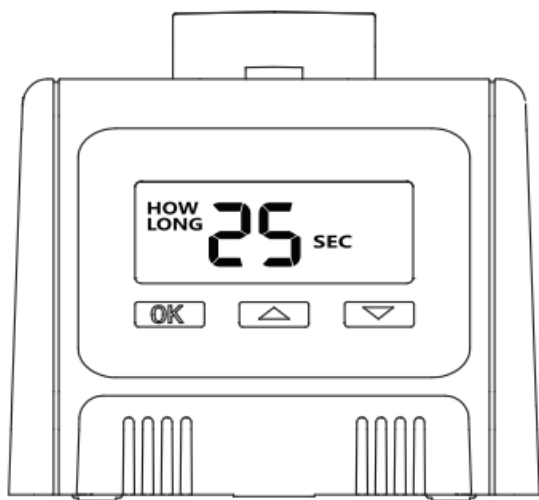
INSTALLATION COMPLETED AND TESTED

1. Press and hold the **ok** button to start the pump, then the water will be pumped to your plants.
2. Check if there are any leaks at the hose connections. If there are any, it means they haven't been tightened properly. Please keep tightening until there are no leaks.
3. After testing with no usage problems, go to the next step: programming the watering schedule.

OPERATING INSTRUCTIONS

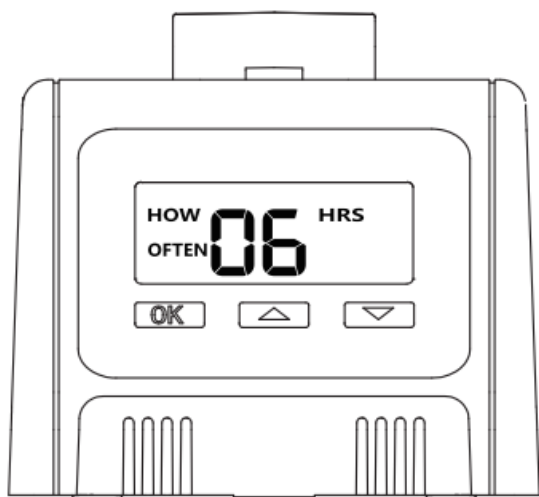
STEP 1: HOW LONG

Press "OK" button, "HOW LONG" will light up, press ▲/▼ to set the watering duration, then press "OK" to confirm and go on to the next step. (Watering duration can be set from 20s to 30mins)



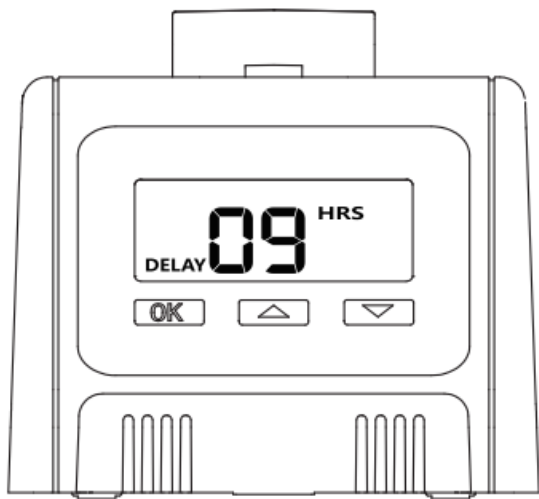
STEP 2: HOW OFTEN

When entering “HOW OFTEN” setting mode, “Every” and “How Often” on the screen will light up at the same time. Press ▲/▼ to set the watering frequency from 1 hour to 23 hours or 1 day to 7 days, then press “OK” button to confirm and go on to the next step.



STEP 3: DELAY MODE

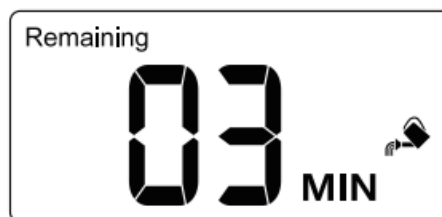
When the screen shows “DELAY” use the “▲” and “▼” buttons, to select the watering delay time from 0 hours to 24 hours, then press “OK” button to save the schedule.



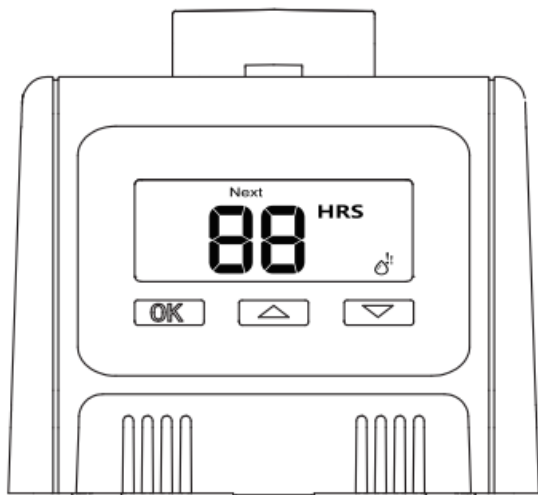
Note: If “How Often” or “How Long” has been changed during setting and setting the delay time to 0 hours, the watering pump will automatically turn on manual watering (watering duration is 20s).

STEP 4: AUTOMATIC WATERING

1. Press “OK” again, “Remaining” and “Watering” Icon light up, and it will start watering schedule automatically. The countdown of remaining watering time will be showed.



2. When the watering program is finished, the “NEXT” icon lights up which means the remaining time to the next watering.



Note: During setting, if there is no operation within 8 seconds, the pump will automatically quit setting model. If “How Often” or “How Long” has been changed during setting, it will automatically start running as you changed.

SETTING EXAMPLE

Needs: water the plants for 30 seconds at 9:00 AM every day

Needs: water the plants for 1 minute at 10:00 AM every day

CURRENT TIME: 9:00 AM

HOW LONG: 30 seconds

HOW OFTEN: every 1 day

DELAY: 0 hour

💧 Day 1 9:00 AM / 30s

💧 Day 2 9:00 AM / 30s

💧 Day 3 9:00 AM / 30s

Needs: water the plants for

1 minute at 10:00 AM every day.

CURRENT TIME: 7:00 AM

HOW LONG: 1 minute

HOW OFTEN: every 1 day

DELAY: 3 hours

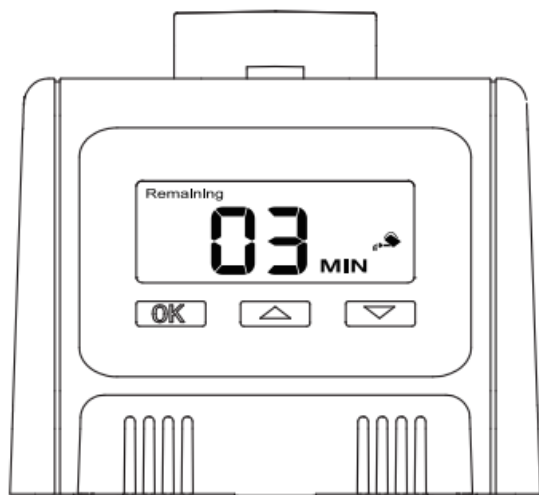
💧 Day 1 10:00 AM / 1 min

💧 Day 2 10:00 AM / 1 min

💧 Day 3 10:00 AM / 1 min

MANUAL MODE

Press and hold the “OK” button to enter the manually watering mode. (Manual watering duration is 20S




WARNING ALARM

LACKING WATER ALARM

When it appears 💧!! on the screen, please check if it's short of water in the tank and fill enough water in time. The

pump timer will keep working as scheduled.

LOW BATTERY ALARM

When the display shows  and flashing, it means the battery is low power. Please replace 4 brand new AA (1.5V) alkaline batteries for the pump timer.

TROUBLESHOOTING

Problem	Possible Cause	Possible Solution
Uneven water flow	Too far away from pots and water containers or too long pipes can reduce the pump's pumping efficiency.	The further away from the pump the potted plant is, the weaker the water flow will become. Please use some clamps to hold the first few branches so that the mainstream water can be delivered quickly and for a long time.
Hard to insert and remove water pipes	Because of the material to make the pipe more durable.	Put the head of hose into hot water for 10s or apply a little veggie oil to the hose end before connecting.
Watering schedule not on time	The lack of water at the inlet resulted in the plan not being implemented on time.	Check if there is a lack of water in the container at the inlet. (If there is a leakage the schedule will not run)
	The water pump unexpectedly lost power and the plan was emptied.	The watering schedule needs to be reset.
If your Rain point product does not operate properly after trying the troubleshooting steps, please contact us by phone or email:		
US: +1-833-381-5659		
UK: +44-800-808-5337		
DE: +49-800-182-0576		
service@rainpointonline.com		

WARRANTY

Rain Point provides a 1-year warranty against manufacturing defects in materials and workmanship from the date of purchase. During the warranty period, we'll replace free of charge the product found to be defective under reasonable use and service as determined solely by Rain Point.

To place a warranty request, please email us with your order ID at service@rainpointonline.com and we'll respond within 24 hours.

CUSTOMER SUPPORT

If you still having trouble with setup, please search for " Rain Point " on YouTube for installation videos! If the user manual doesn't have what you're looking for or you need other help, please contact us before returning the product to the store and let us know the Model NO and LOT NO. of your device.

Model NO.: xxxxxxxxxx (on the back of the pump label))

LOT NO.: xxxxxxxxxx (on the back of the pump label)

US Free Hotline (English): +1 833-381-5659
(Mon-Fri: 9:30 AM-5:30 PM PST)
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(Mon-Fri: 9:00 AM-5:00 PM CET)
UK Free Hotline (English): +44 800-808-5337
(Mon-Fri: 9:00 AM-5:00 PM CET)
Email: service@rainpointonline.com
WhatsApp: +1626-780-5952

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
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Floor 3, Building 2, No.71 Yangqi Road, Fuwan Industrial Area, Cangshan District, Fuzhou,
China.350008
EMAIL: service@rainpointonline.com



Scan the QR code to get fast support

Need Help?

Please contact us
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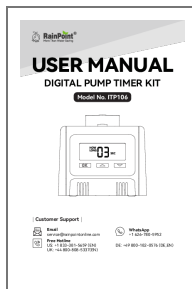


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Documents / Resources



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ITP106 Automatic Watering System, ITP106, Automatic Watering System, Watering System, System

References

- [RP Smart Watering, Sprinkler & Drip Systems – RainPoint Irrigation](#)
- [User Manual](#)

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