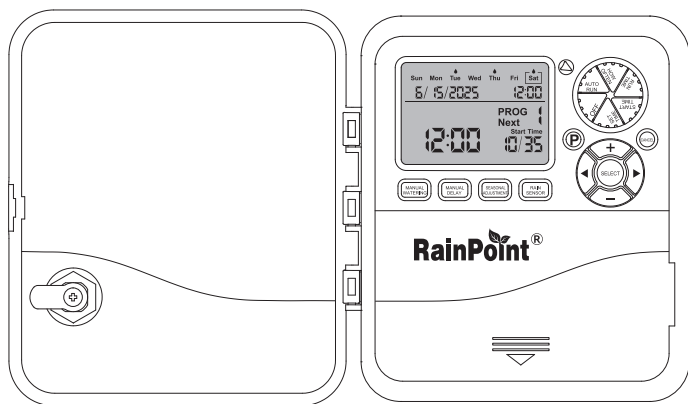


USER MANUAL

12-Zone Irrigation Controller

Model No. ITC1200



Email: service@rainpointonline.com



US Hotline: +1 833-381-5659
DE Hotline: +49 800-182-0576

UK Hotline: +44 20-4628-3036

WARM TIPS

PLEASE READ BEFORE USE



Install the controller near a power supply and make sure it is securely mounted.



Always disconnect the power supply before wiring to avoid electric shock.



Only use compatible valves specified for the ITC1200.



Each zone can be connected to only one valve wire.



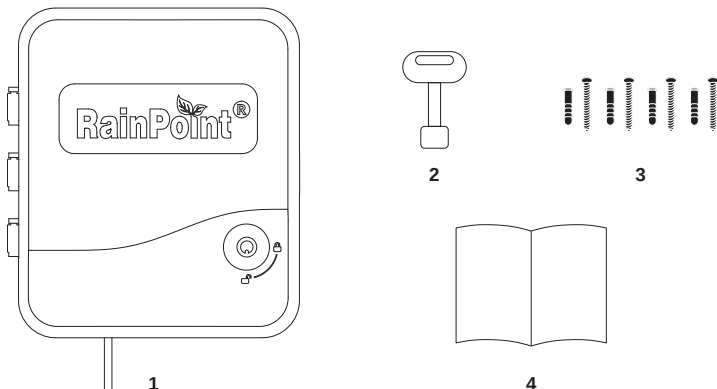
The CR2032 battery is for program backup only and will not operate the valves during a power outage.

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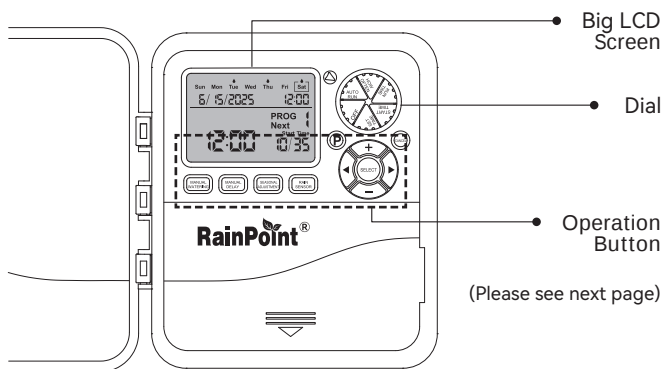
1. INTRODUCTION

1.1 Package Contents



1. 1 X ITC1200 12-Zone Irrigation Controller
2. 1 X Controller Key
3. 4 X Expansion Screw Set
4. 1 X User Manual

1.2 Product Overview



Button Introduction

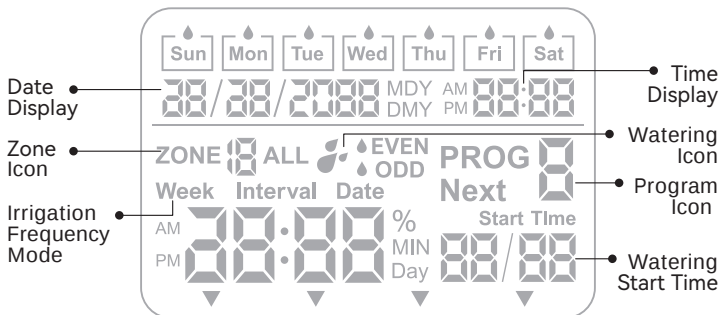
Button	Function
+	Increase a numeric setting
—	Decrease a numeric setting
◀	Go back to the previous setting/watering station or move to other programs/settings
▶	Skip to the next setting /watering station or move to other programs/settings
SELECT	Confirm settings
CANCEL	Restore default/clear settings
P (Program)	Switch program
MANUAL WATERING	Water manually
MANUAL DELAY	Manual delay
RAIN SENSOR	Set the zone controlled by the rain sensor
SEASON ADJUSTMENT	Set seasonal adjustment

Dial Position Introduction

Dial Position	Function
AUTO RUN	Turn on automatic irrigation mode and execute the set plan
OFF	Turns off all schedules
SET TIME	Set the time and date
START TIME	Set time to begin watering
RUN TIME	Set watering duration for each station
HOW OFTEN	Set the irrigation frequency

Watering Day ● — ●

Weekday ● — [Sun] [Mon] [Tue] [Wed] [Thu] [Fri] [Sat]



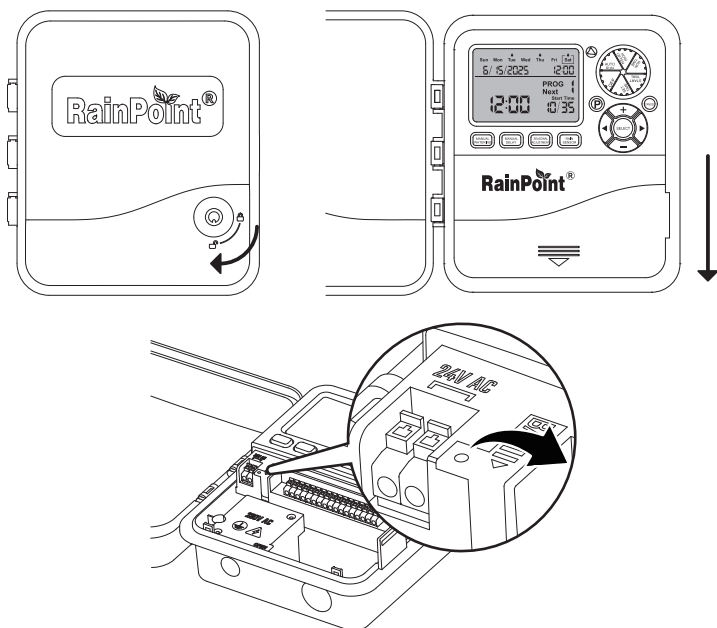
1.3 Specification

Working temperature range	37-122 °F (3-50 °C)
Storage temperature	4-122 °F (-10-50 °C)
Power supply	USA: 120 V AC EU: 230 V AC
Waterproof Level	IPX5

2. PRODUCT INSTALLATION

2.1 Battery Activation

The CR2032 battery is pre-installed. Before use, pull out the transparent insulation tab. The steps are as follows:

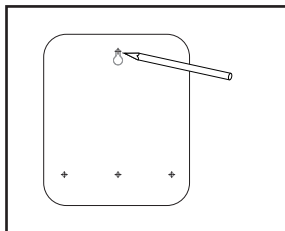


- 1) Turn the key to open the controller cover.
- 2) Open the middle layer cover.
- 3) Locate the battery compartment.
- 4) Pull out the transparent insulation tab from the battery compartment.

Note:

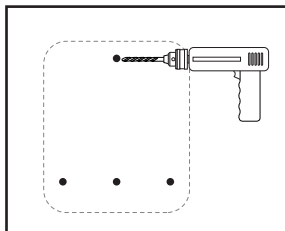
- Remove the battery for extended storage.
- Do not throw the battery into fire, as it may explode or leak.

2.2 Controller Installation

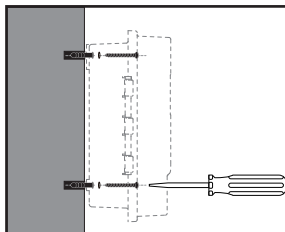


Step 1: Use the positioning paper to mark the installation location.

Note: If additional stability is needed, also mark the center points of the three bottom mounting holes.



Step 2: Drill holes at the marked positions.



Step 3: Secure the controller with the expansion bolts.

Note: Choose a suitable installation location near the power supply.

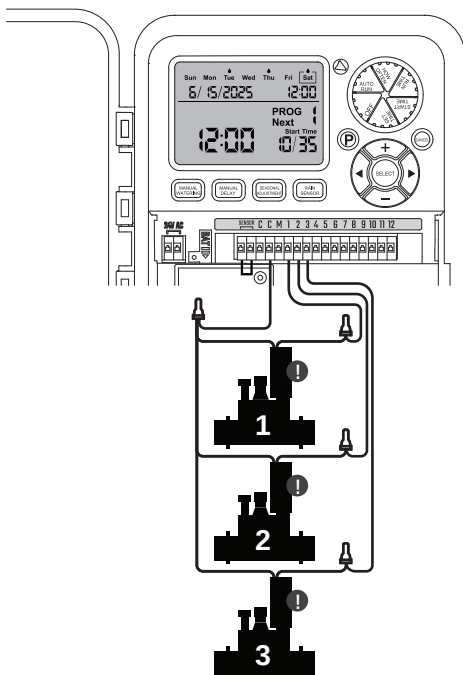
2.3 Wire Connections

2.3.1 Valve Wiring

- 1) Strip an appropriate length of insulation from each wire.
- 2) Connect one wire from each valve to the corresponding zone terminal (1–12).
- 3) Connect the other wire from each valve to the **C** terminal.
- 4) If a main valve is used, connect its wires to the **C** and **M** terminals.

Note:

- Each zone terminal can only be connected to one valve wire.
- Confirm that the valve type matches the **ITC1200** before connection.
- If the valve model is unclear, consult the valve manufacturer.
- If the wire is not properly clamped during installation, the controller may appear normal with no valve connected, but fail to operate when a valve is connected.

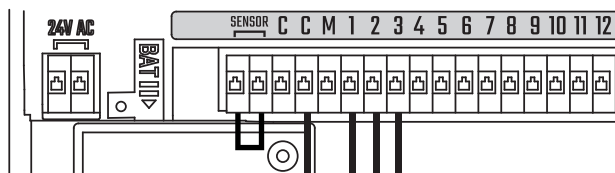


TYPE	SPECIFICATION	USABLE
AC Solenoid Valve	AC: 24V, holding current<200mA	✓
DC Latch Solenoid Valve	-	×
AC Motor Valve	AC: 24 V	✓
DC Latch Motor Valve	-	×

2.3.2 Rain Sensor Wiring (Optional)

- 1) Strip an appropriate length of insulation from the rain sensor leads.
- 2) Connect the two rain sensor wires to the two SENSOR terminals.

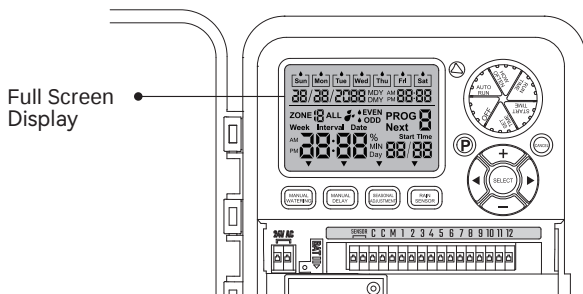
Note: The rain sensor connection is nonpolarized.



3. CONTROLLER PROGRAMMING

3.1 Power On

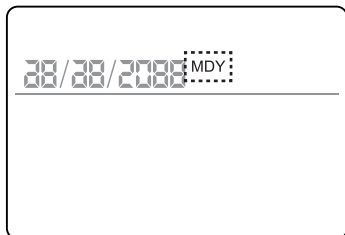
After connecting the **AC** power cord to the product, the LCD display lights up fully for 2 seconds.



3.2 Set Time Format, Time, and Day of the Week

After the full display is completed, the controller automatically enters the time setting mode.

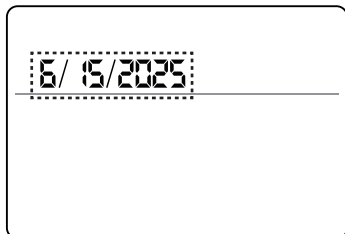
3.2.1 Select Date



Step 1: Press **+** or **-** to select the date format MDY or DMY.



Step 2: Press **▶** to confirm and proceed to the date setting.

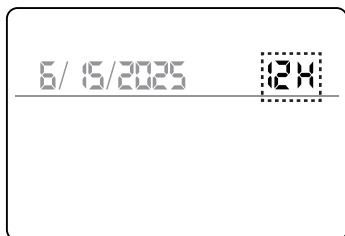


Step 1: Press **+** or **-** to set the date.



Step 2: After the date is set, press **▶** to continue to the current time setting.

3.2.2 Select Time Format (12H / 24H)

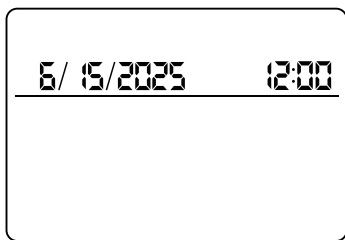


Step 1: Press **+** or **-** to select between 12-hour / 24-hour formats.



Step 2: Press **▶** to confirm and proceed to the hour / minute setting.

3.2.3 Select Time (Hour and Minute)

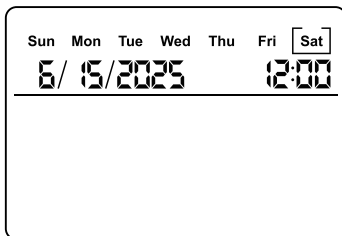


Press **+** or **-** to adjust the hour / minute, then press **▶** to confirm.

To adjust the time again, turn the dial to **Set Time** to modify the time setting.

3.2.4 Select Day of the Week

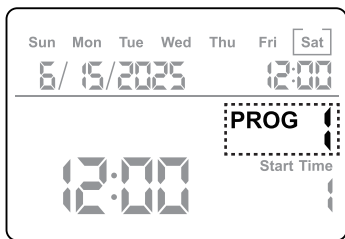
When the time is set, the day of the week will be displayed automatically.



Note:

- During setup, press **◀** to return to the previous setting level. After initial setup is completed, it cannot be revisited. The same applies to **▶**.
- When setting the time, the minute digits flash first. Press **▶** to stop or restore the flashing. Press **◀** again to switch to the hour setting.
- During a power outage, the battery retains program settings, but valve operation will not function. The current time remains displayed at the top of the screen.

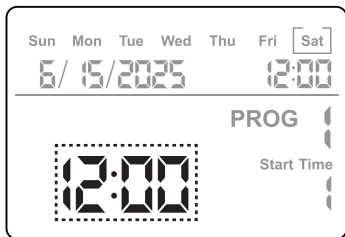
3.3 Set Start Time



Step 1: Turn the dial to **START TIME**.

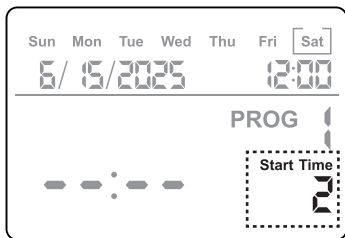


Step 2: PROGRAM 1 is displayed by default. Press **P** to switch to PROGRAM 2 or PROGRAM 3.



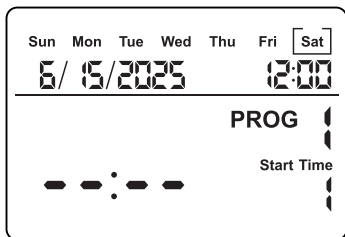
Step 1: Press **+** or **-** to set the hour. Press **SELECT** to confirm.

Step 2: Press **+** or **-** to set the minute. Press **SELECT** to confirm.



Step 1: After Start Time 1 is set, press **◀** to move to Start Time 2.

Step 2: Repeat the same steps to set additional start times.



Step 1:

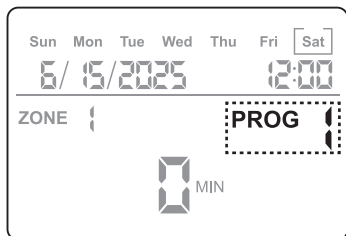
- 1) Each program can be set with up to 4 start times.
- 2) To delete a start time, press **CANCEL** until the display returns to **- - : - -**.

Step 2: After completing the settings, turn the dial to save and continue with the next step.

Note:

- Press **P** to switch between PROGRAM 1, PROGRAM 2, and PROGRAM 3 during setup.
- During initial setup, only Start Time 1 of PROGRAM 1 is preset. All other start times remain **--:--** (not set).
- If all start times in a program are **--:--**, that program will not run, even if a watering duration is set.

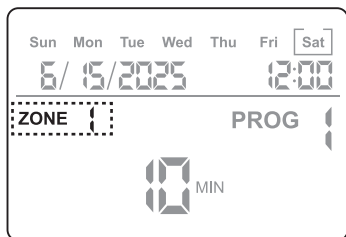
3.4 Set Watering Duration



Step 1: Turn the dial to **RUN TIME**.

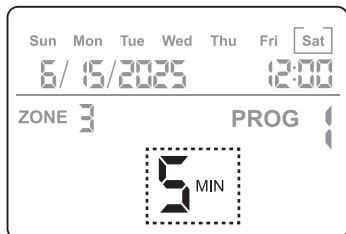


Step 2: PROGRAM 1 is displayed by default. Press **P** to switch to PROGRAM 2 or PROGRAM 3.

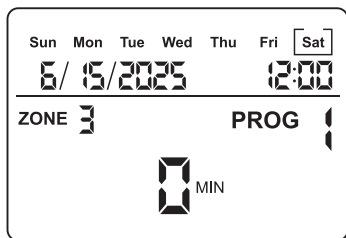


Press **▶** to move to the next zone (selectable from Zones 1–12 or ALL).

Note: When ALL is selected, the same watering duration will be applied to all zones.



Press **+** or **-** to set the watering duration (0–240 min).



Step 1: To reset a set run time, press **CANCEL** to return the value to 0 min.



Step 2: After completing the settings, turn the dial to save and proceed to the next step.

Note:

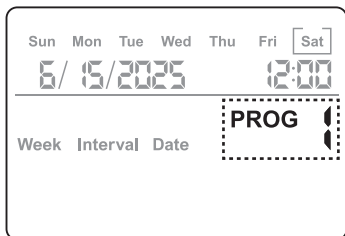
- During setup, press **P** to switch between PROGRAM 1, PROGRAM 2, and PROGRAM 3.
- Each time you switch programs, the setting starts again from ZONE 1.
- During initial setup, all run times are set to 0 min by default.
- If the run time is 0 min but a start time is set, that program will not run.

Program execution order

- Within one program, zones with the same start time run sequentially in zone order from 1 to 12.
- Programs with the same start time run sequentially in program order.
- Long-running schedules will be pre-empted by the next schedule in a new cycle.

Example: Program set for Monday 9 a.m., if Monday's total runtime exceeds 72 h, it stops Thursday 9 a.m. and Thursday's program starts.

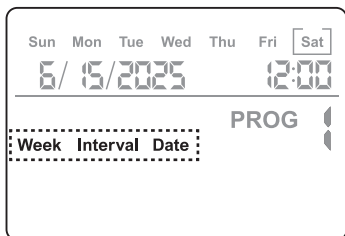
3.5 Set Watering Frequency



Step 1: Turn the dial to **HOW OFTEN**.



Step 2: PROGRAM 1 is displayed by default. Press **P** to switch to PROGRAM 2 or PROGRAM 3.



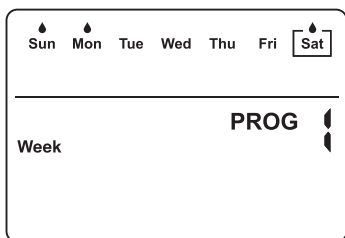
Step 1: Press ◀ or ▶ to select a mode.



Step 2: Press **SELECT** to confirm and enter the selected mode.

Three watering frequency modes are available: Week, Interval, and Date.

3.5.1 Week Mode



Step 1: Press **SELECT** to choose Week mode.



Step 2: Press ◀ or ▶ to move through the days of the week.

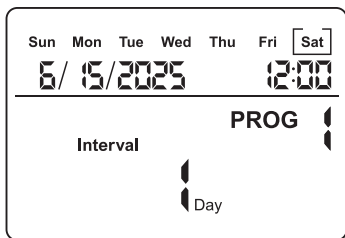
Step 3:

- 1) Press **SELECT** to select the displayed day. The 💧 appears.
- 2) Press **SELECT** again to cancel that day. The 💧 disappears.
- 3) Repeat the same steps to select or cancel other days as needed.



Step 4: After the setting is complete, turn the dial to save and continue.

3.5.2 Interval Mode



Step 1: Press **SELECT** to choose Interval mode.

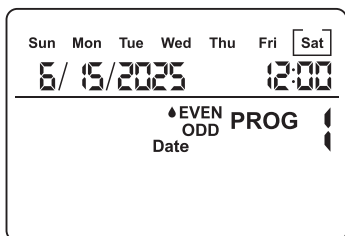


Step 2: Press **+** or **-** to set the interval. The adjustable range is 1–30 days.



Step 3: After the setting is complete, turn the dial to save and continue.

3.5.3 Date Mode



Step 1: Press **SELECT** to choose Date mode.



Step 2: Press ◀ or ▶ to choose **ODD** or **EVEN**.

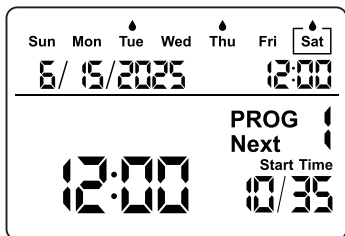


Step 3: After the setting is complete, turn the dial to save and continue.

Note:

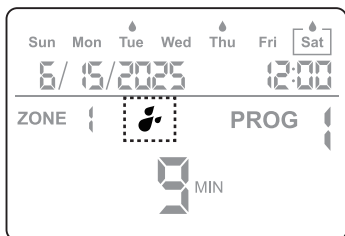
- To reset the watering frequency, press CANCEL to return to mode selection.
- During setup, press P to switch between PROGRAM 1, PROGRAM 2, and PROGRAM 3.
- When a program is set for the first time, it starts from mode selection after switching.
- In Week Mode, if no day is selected, the program will not run.

3.6 Automatic Operation



Turn the dial to **AUTO RUN** to run all programmed schedules.

The screen displays the program number, zone number, next start time, and the most recent watering duration.

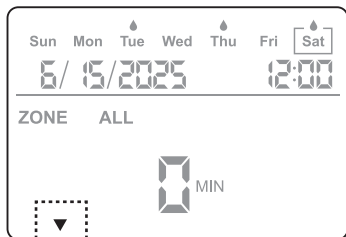


When a valve is running, the screen shows the active zone, the remaining watering time as a countdown, and the watering indicator flashes.

Available Operations

- **Skip to the next valve:** Press the right button to stop the current valve and switch to the next scheduled valve. If there is no next valve, the current plan will end.
- **Stop the current plan:** Press the **CANCEL** button to stop the running plan immediately and close all valves.

4. MANUAL WATERING



MANUAL
WATERING



Step 1:

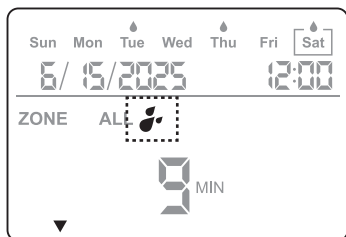
- 1) In **AUTO RUN** mode, press the **MANUAL WATERING** button to enter manual watering mode. ▼ appears at the lower left corner of the screen.
- 2) The zone number and watering duration flash. The default setting is **ALL** zones and 0 min.



Step 2: Press the ◀ or ▶ button to select the zone.



Step 3: Press + or - to set the watering duration.



MANUAL
WATERING



Step 1:

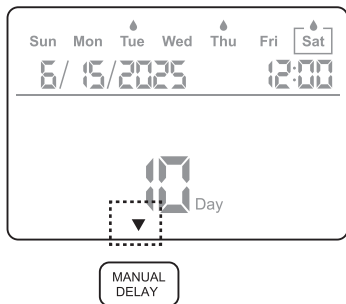
- 1) Press **SELECT** to start manual watering.
- 2) If no button is pressed for 5 seconds, the setting will be confirmed automatically.

Step 2: After manual watering starts, the selected valve opens immediately. The screen displays the active zone and the remaining watering time as a countdown.

Notes:

- Manual watering can be set for a single zone or for **ALL** zones.
- To stop manual watering, turn the dial to **OFF** or any other position.
- Press **CANCEL** to stop manual watering immediately and close all valves.
- Manual watering does not alter stored schedules.
- If manual watering is active when a schedule should start, that schedule is skipped.

5. MANUAL DELAY



Step 1:

- 1) In **AUTO RUN** mode, press the **MANUAL DELAY** button to enter manual delay mode. ▼ appears at the lower left corner of the screen.
- 2) The delay days flash. The default setting is 1 day, and the adjustable range is 0–30 days.

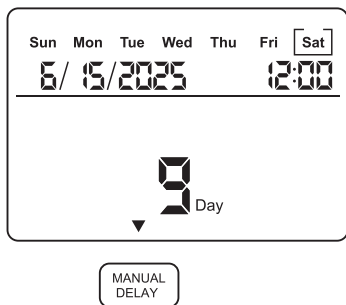


Step 2: Press **+** or **–** to set the delay days.



Step 3: Press **SELECT** to confirm the setting.

If no button is pressed for 5 seconds, the setting will be confirmed automatically.

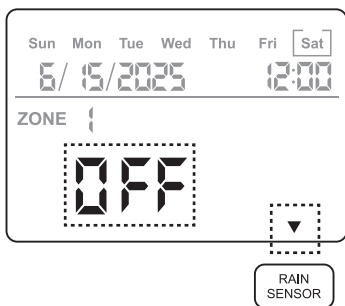


- 1) After manual delay is enabled, the screen returns to the main page and starts the delay countdown.
- 2) The watering indicator above the weekday will change according to the delay setting.
- 3) If a scheduled watering day is delayed, its watering indicator will disappear.

Note: To cancel the manual delay, press **CANCEL**.

6. RAIN SENSOR SETTINGS

6.1 Rain Sensor Setup



Step 1: In **AUTO RUN** mode, press the **RAIN SENSOR** button to enter the rain sensor settings.



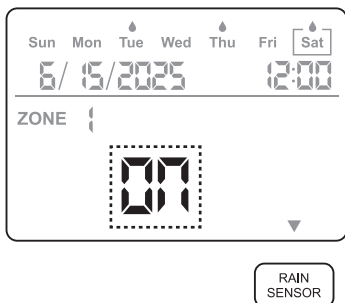
Step 2: The current zone is displayed. Press the ◀ or ▶ button to select the zone.



Step 3: Press **SELECT** to set the selected zone to **ON** or **OFF**.

ON: the zone is controlled by the rain sensor.

OFF: the zone is not controlled by the rain sensor.



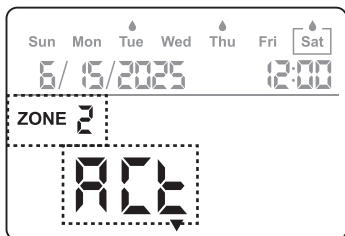
Press the **RAIN SENSOR** button again to confirm and return to the main page.
If no button is pressed for 5 seconds, the setting will be saved.

Notes:

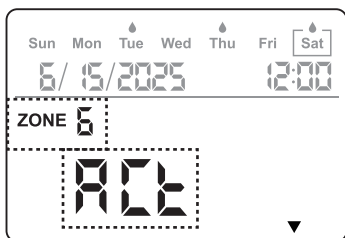
- The rain sensor affects only the zones set to **ON** in the rain sensor settings.
- The rain sensor input is designed for a normally closed rain sensor.

6.2 Display Examples

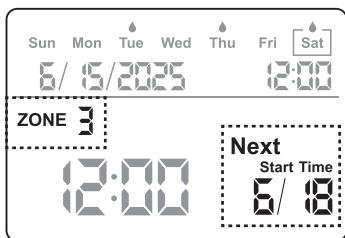
When the rain sensor is triggered, ACT is displayed for the affected zone. The zone remains suspended until the rain sensor condition is cleared.



Zone 2: Rain sensor enabled.

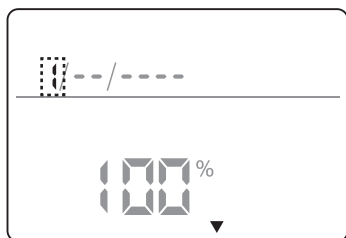


Zone 6: Rain sensor active (ACT displayed).



Zone 3: Normal display with the next start time shown.

7. SEASONAL ADJUSTMENT



SEASONAL
ADJUSTMENT



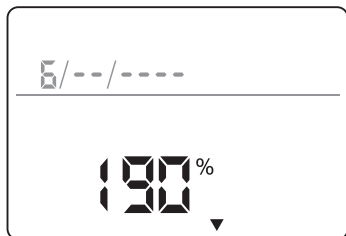
Step 1: Turn the dial to **AUTO RUN**.



Step 2: Press the **SEASONAL ADJUSTMENT** button to enter the seasonal adjustment settings.



Step 3: Press ◀ or ▶ to select the month.



SEASONAL
ADJUSTMENT



Step 1: Press **+** or **-** to set the watering percentage as needed. **Adjustable range:** 0–200 %.



Step 2: After completing the monthly settings, press the **SEASONAL ADJUSTMENT** button again to save and return to the main screen. If no action is taken for 5 seconds, the system will save automatically and return.

Notes:

- Initial default setting for all months is 100 %.
- Adjustments are made in 10 % increments, with a range from 10 to 200 % (10-20-30-.....-190-200 %).
- The adjustment takes effect in real time. The configured percentage is not shown in the scheduled settings, but the system automatically adjusts the run time during watering.
- For example, if the scheduled run time is 10 minutes and the seasonal adjustment is set to 150%, the setting will still display 10 minutes, but the countdown during operation will show 15 minutes.

8. TROUBLESHOOTING

Issue	Possible Cause	Solution
The valve cannot be opened	The wire at the connection is loose.	Press the terminal and tighten the wire.
The plan was not implemented on time	Activate the rain delay function.	• Check if rain delay is set. • Whether the power supply is disconnected.

9. 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.

10. 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



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



! WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH OF CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



! WARNING

KEEP OUT OF REACH OF CHILDREN.

Swallowing can lead to chemical burns, perforation of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.

! AVERTISSEMENT

TENIR HORS DE PORTÉE DES ENFANTS.

L'ingestion peut provoquer des brûlures chimiques, la perforation des tissus mous et la mort. Des brûlures graves peuvent survenir dans les 2 heures suivant l'ingestion. Consulter immédiatement un médecin.

! ACHTUNG

AUSSERHALB DER REICHWEITE VON KINDERN AUFBEWAHREN.

Die Einnahme kann zu chemischen Verbrennungen, Perforation von Weichgewebe und Tod führen. Schwere Verbrennungen können innerhalb von 2 Stunden nach der Einnahme auftreten. Sofort ärztliche Hilfe suchen.

! ATTENZIONE

MANTENERE FUORI DALLA PORTATA DEI BAMBINI.

L'ingestione può causare ustioni chimiche, perforazione dei tessuti molli e morte. Gravi ustioni possono verificarsi entro 2 ore dall'ingestione. Richiedere immediatamente assistenza medica.

! ADVERTENCIA

MANTENER FUERA DEL ALCANCE DE LOS NIÑOS.

La ingestión puede causar quemaduras químicas, perforación de tejidos blandos y muerte. Las quemaduras graves pueden ocurrir en un plazo de 2 horas después de la ingestión. Buscar atención médica inmediatamente.

Need Help ?

Scan the QR code to
get fast support



or

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DE Hotline: +49 800-182-0576

UK Hotline: +44 20-4628-3036

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