

HiOazo HO-WT-1

HiOazo Single Zone Sprinkler Controller

Model: HO-WT-1 User Manual

1. PRODUCT OVERVIEW

The HiOazo HO-WT-1 Single Zone Sprinkler Controller is designed to automate your watering schedule, providing efficient and flexible irrigation for your garden, lawn, and courtyard. It features advanced functions such as soaking watering, multiple programming modes, a precise water flow meter, rain delay, and a child lock for enhanced convenience and water conservation.

This controller supports automatic watering in three different frequencies: Interval watering, Weekly watering, and Daily watering. You can set the start time, end time, soaking time, and watering time. Three independent watering plans are settable to meet diverse watering needs.



The HiOazo Single Zone Sprinkler Controller, showcasing its clear LCD display and intuitive control interface.

2. PACKAGE CONTENTS

Please verify that all items are included in your package:

- 1x Water Timer (Main Controller Unit)
- 1x Water Flow Meter
- 1x Hose Adapter

- 1x User Manual

3. SAFETY INFORMATION AND IMPORTANT NOTES

- Do not use the water timer when the temperature is below 37°F (3°C). Please store the timer indoors to avoid potential freezing damage during cold weather.
- The integrated filter is designed to trap dirt particles, preventing them from entering the timer and causing clogging. Please clean the filter regularly and replace it if it shows signs of wear.
- The device requires 2 AA (1.5V) Alkaline Batteries (not included) for operation. Ensure batteries are inserted correctly.

4. SETUP AND INSTALLATION

Follow these steps to properly set up and install your HiOazo Sprinkler Controller:

1. **Battery Installation:** Open the battery compartment on the back of the controller. Insert 2 new AA (1.5V) alkaline batteries, ensuring correct polarity. Close the compartment securely.
2. **Attach Water Flow Meter:** Connect the water flow meter to the bottom outlet of the main controller unit. Ensure a tight and secure connection.
3. **Connect to Faucet:** Screw the top inlet of the controller onto your outdoor water faucet. Hand-tighten firmly to prevent leaks.
4. **Connect Hose:** Attach your garden hose to the outlet of the water flow meter.
5. **Waterproof Design:** The controller features a 360-degree all-round waterproof design with IP54 construction and sealed leak-proof components, ensuring durability in outdoor conditions.

360-Degree All-round Waterproof Design



An exploded diagram illustrating the internal components and waterproof seals of the HiOazo Sprinkler Controller, highlighting its IP54 waterproof construction and sealed leak-proof design.

5. OPERATING INSTRUCTIONS

5.1 General Operation and Display

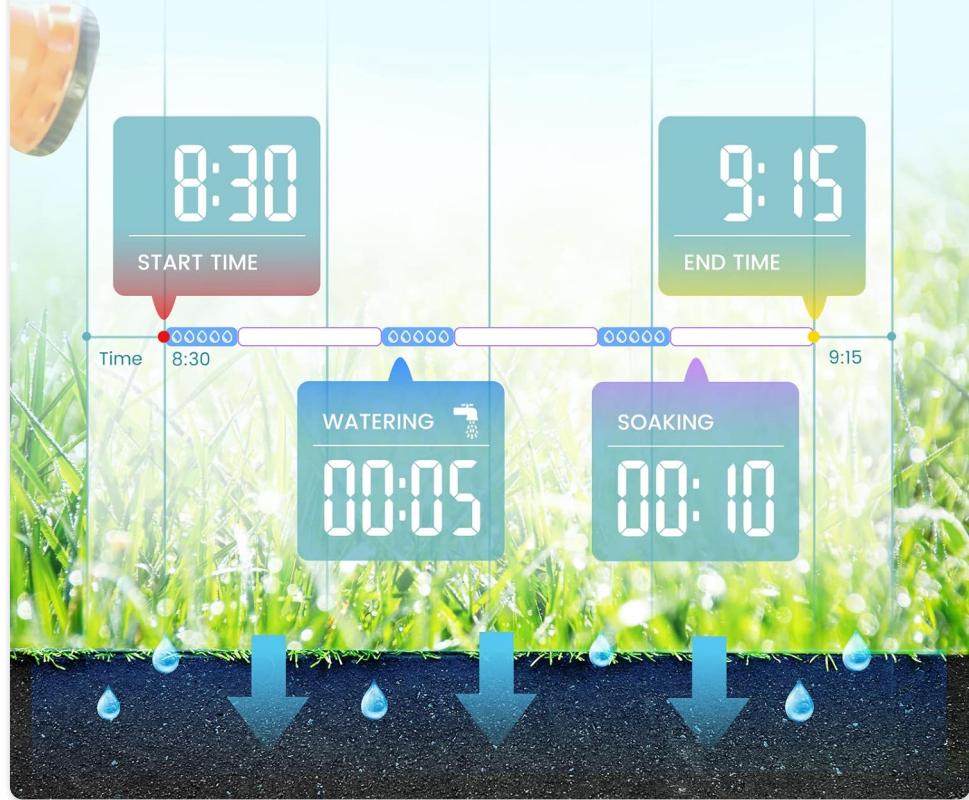
The controller features an LCD with backlight for clear visibility. Use the dial and buttons (+/DELAY, –/LOCK, /OK) to navigate and set your watering programs.

5.2 Soaking Watering Function

The soaking function provides an intermittent watering program, allowing water to permeate the soil more effectively. This prevents runoff and overflow, ensuring plants are well-hydrated.

Scientific Intermittent Watering Program

Prevents runoff and overflow, and saves on water bill



This diagram visually explains the 'Soaking Watering' feature, showing how the controller alternates between watering and soaking periods (e.g., 5 minutes watering, 10 minutes soaking) to allow water to permeate the soil effectively, preventing runoff.

5.3 Watering Frequency Modes

The controller offers three flexible watering frequency modes:

- **Interval Watering:** Set watering to occur every X number of days.
- **Assigned-day Watering:** Choose specific days of the week for watering.
- **Everyday Watering:** Water daily.

Three Watering Frequency Modes

Designate watering days and times to avoid overwatering



This image illustrates the three distinct watering frequency modes available: Interval Watering (e.g., every X days), Assigned-day Watering (specific days of the week), and Everyday Watering, allowing users to customize their irrigation schedule.

5.4 Independent Watering Plans

You can set up to three independent watering plans (P1, P2, P3) to manage different watering needs across your garden. Each plan can have its own start time, end time, soaking time, and watering duration.

Three Independent Plans

Easy and flexible programming for all watering needs



The image demonstrates the flexibility of setting up to three independent watering plans (P1, P2, P3), each with its own start time, end time, and optional soaking/watering durations, suitable for different areas of a garden.

5.5 Rain Delay Function

To conserve water during rainy periods, the controller features a rain delay function. You can postpone the watering schedule for 24 hours, 48 hours, or 72 hours. Watering will automatically resume after the selected delay period.

5.6 Child Lock

Enable the child lock feature to prevent accidental changes to your programmed watering schedule. This is activated by a simple press of a button.



Rain Delay Function

Postpones your watering schedule
by **24h/48h/72h**



Child Lock to Avoid Misuse



The image displays the sprinkler controller with icons indicating the Rain Delay function, which postpones watering for 24, 48, or 72 hours, and the Child Lock feature, designed to prevent accidental program changes.

5.7 Water Flow Meter

The precise water flow meter displays real-time water flow speed, single water flow, the average water flow of the last 7 days (excluding today), and total water flow. This helps in monitoring water usage, preventing overwatering, and saving on water bills.



This image highlights the integrated water flow meter, which accurately measures water usage. It also lists key specifications such as working pressure, water inlet/outlet size, hose type, and water flow measurement range.

6. MAINTENANCE

- Filter Cleaning:** Regularly inspect and clean the filter to ensure optimal water flow and prevent clogging. Replace the filter if it appears worn or damaged.
- Winter Storage:** During freezing temperatures (below 37°F / 3°C), disconnect the controller from the faucet and store it indoors to prevent damage from freezing water.
- Battery Replacement:** When the battery is low, the controller will automatically close the water valve to prevent continuous watering and save all current settings. Replace batteries promptly when the low battery indicator appears.

Low Battery Protection

Automatically closes the water valve when the battery is too low, and saves all settings when the battery runs out.



The image depicts the low battery protection feature, where the controller automatically closes the water valve when battery power is critically low and saves all settings before the battery completely runs out.

7. TROUBLESHOOTING

If you encounter issues with your HiOazo Sprinkler Controller, please refer to the following common solutions:

- No Water Flow:** Check if the water faucet is fully open. Ensure the filter is clean and not clogged. Verify that the batteries are not depleted and are inserted correctly. Check your programmed schedule for correct start times and durations.
- Display Not Working:** Replace the batteries with new ones. Ensure the battery compartment is securely closed.
- Incorrect Watering Times:** Review your programmed watering plans (P1, P2, P3) to ensure all settings (start time, end time, watering duration, soaking time) are correct. Check if the child lock is enabled, preventing accidental changes.
- Water Leakage:** Ensure all connections (faucet, water flow meter, hose) are tightly secured. Check the rubber washers for proper seating and replace if damaged.

If the problem persists after attempting these steps, please contact customer support for further assistance.

8. SPECIFICATIONS

Specification	Detail
Product Name	Single-outlet Water Timer
Model Number	HO-WT-1
Power Source	2 AA (1.5V) Alkaline Batteries (not included)
Working Pressure	15~145psi / 1.0~10Bar
Working Temperature	1°C~60°C / 34°F~140°F
Working Humidity	35%RH~95%RH (non-condensing state)
Rain Delay Options	24 hours / 48 hours / 72 hours
Screen Type	LCD with Backlight
Watering Modes	Interval Watering / Assigned-day Watering / Everyday Watering
Watering Duration	1 minute~23 hours and 59 minutes
Water Inlet/Outlet	NH3/4"-11.5
Hose Adapter	for 3/4" Standard Hose
Material	Plastic, Metal, Acrylonitrile Butadiene Styrene (ABS)
Item Weight	1.7 pounds

9. WARRANTY AND SUPPORT

HiOazo provides a **TWO-YEAR Quality Promise** for this product. We are committed to ensuring your satisfaction with our products.

If you have any questions, require technical assistance, or encounter any issues with your HiOazo Single Zone Sprinkler Controller, please do not hesitate to contact our customer service team. We will do our best to assist you and ensure your complete satisfaction.

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