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HiOazo HO-WT-1

HiOazo Single Zone Sprinkler Controller HO-WT-1 User Manual

Model: HO-WT-1

1. PRODUCT OVERVIEW

The HiOazo HO-WT-1 Water Timer is designed to automate your plant watering schedule, providing convenience and efficiency for your garden, lawn, or courtyard. This device features a soaking function for optimal water absorption and a rain delay function to conserve water during rainy periods.



Image: The HiOazo HO-WT-1 Single Zone Sprinkler Controller, showing its LCD screen, control buttons, and water inlet/outlet connections.

Key Features:

- **Soaking Watering Function:** Allows water to permeate the soil effectively, preventing runoff and promoting healthier plant growth.
- **Flexible Programming:** Supports Interval, Weekly, and Daily watering modes with settable start/end times, soaking times, and watering durations.
- **Accurate Water Flow Meter:** Displays water flow speed, single water flow, 7-day average, and total water flow to help monitor usage.
- **Rain Delay:** Postpones watering for 24, 48, or 72 hours to save water on rainy days.
- **Child Lock:** Prevents accidental changes to programmed settings.
- **Low Battery Protection:** Automatically closes the water valve and saves settings when the battery is low.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x Water Timer (HO-WT-1)
- 1x Water Flow Meter
- 1x Hose Adapter
- 1x User Manual

3. SPECIFICATIONS

Parameter	Value
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 Mode	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

4. SETUP AND INSTALLATION

4.1 Battery Installation

The HiOazo HO-WT-1 requires two AA (1.5V) alkaline batteries (not included) for operation. Ensure correct polarity when inserting the batteries.

1. Locate the battery compartment on the back of the water timer.
2. Open the battery cover.
3. Insert two new AA alkaline batteries, observing the positive (+) and negative (-) markings.
4. Securely close the battery cover.

Low Battery Protection

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



Image: Illustration of the low battery protection feature, showing a battery icon and the timer's ability to save settings and close the valve when power is low.

4.2 Connecting the Water Timer

Follow these steps to connect the water timer to your faucet and hose:

1. Ensure the faucet is turned off.
2. Screw the water timer onto your outdoor faucet. Hand-tighten only.
3. Connect your garden hose to the outlet of the water timer. Ensure the hose adapter is properly installed if needed.

4. Turn on the faucet. The water timer is now ready for programming.

Important Note:

- Do not use the water timer when the temperature is below 37°F (3°C).
- Store the timer indoors during freezing temperatures to prevent damage.
- The filter traps dirt particles. Clean the filter regularly and replace if worn to prevent clogging.



Image: Diagram illustrating the waterproof design of the HiOazo water timer, highlighting the large LCD, sealed leak-proof design, and IP54 waterproof construction.

5. OPERATING INSTRUCTIONS

5.1 Understanding the Display and Controls

The LCD screen displays current time, water flow, watering day, start time, and next start time. The control panel includes +/- buttons for adjustment, an OK button for confirmation, and a LOCK button for child lock. A rotary dial allows selection of different modes.



Image: Close-up of the HiOazo water timer's LCD display and control buttons, showing current time, water flow, and programming options.

5.2 Programming Watering Schedules

The timer supports three independent watering plans (P1, P2, P3) and three watering frequency modes: Interval Watering, Assigned-day Watering, and Everyday Watering.

Three Independent Plans

Easy and flexible programming for all watering needs



Image: Visual representation of three independent watering plans (P1, P2, P3) with different start times, end times, soaking, and watering durations, demonstrating flexible programming.

5.2.1 Interval Watering

Set the timer to water at specific intervals (e.g., every 24 hours, every 48 hours).

Three Watering Frequency Modes

Designate watering days and times to avoid overwatering



Image: Screenshot of the timer's display showing the "Interval Watering" mode with options for setting watering duration and frequency.

5.2.2 Assigned-day Watering

Select specific days of the week for watering.

5.2.3 Everyday Watering

The timer will water daily according to the set schedule.

5.3 Soaking Function

The soaking function allows for intermittent watering, giving soil time to absorb water and preventing runoff. This is beneficial for plant health.

Scientific Intermittent Watering Program

Prevents runoff and overflow, and saves on water bill

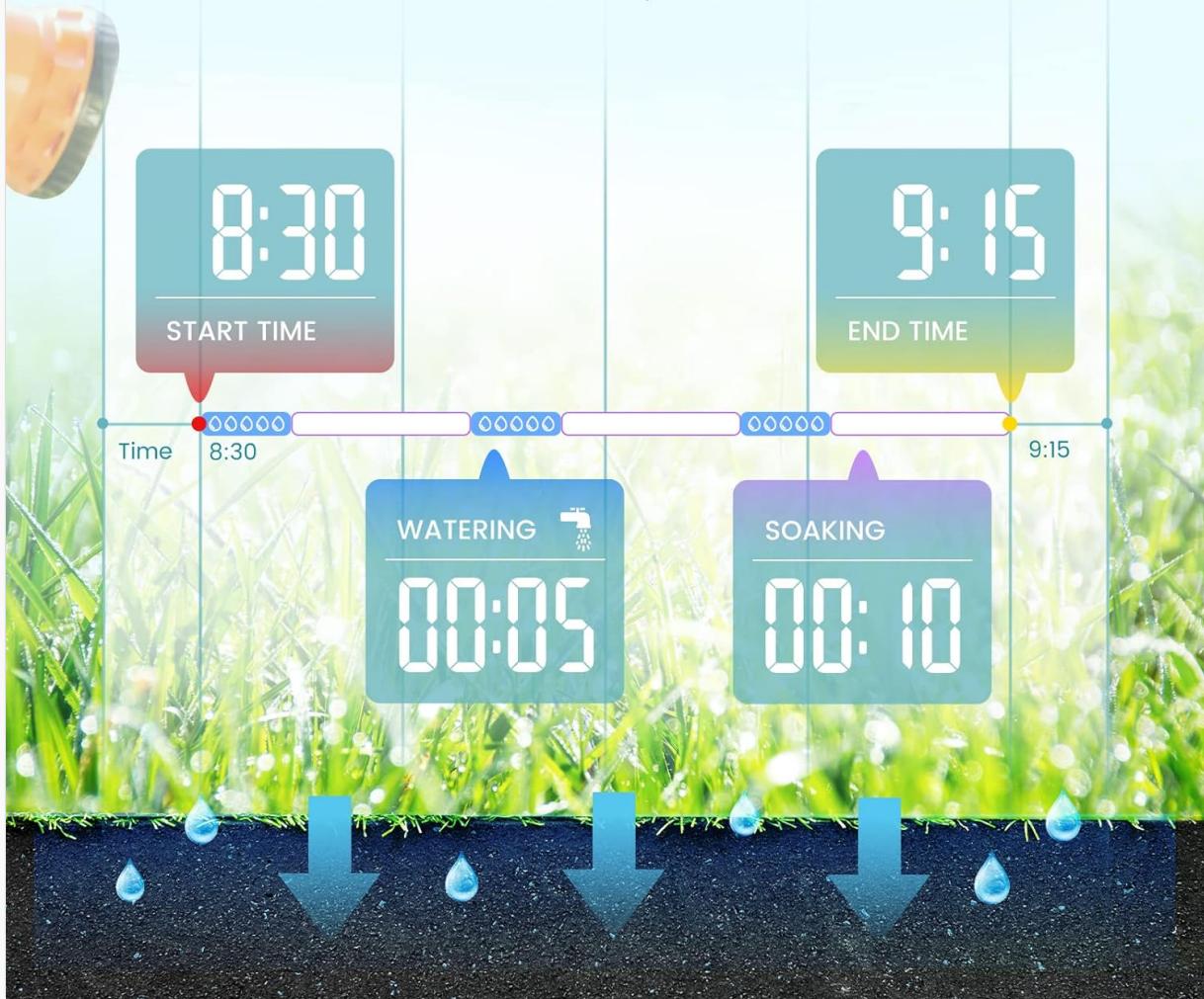


Image: Diagram illustrating the scientific intermittent watering program, showing a cycle of watering and soaking to prevent runoff and save water.

5.4 Rain Delay Function

To activate the rain delay, press the "+/DELAY" button. You can select a delay of 24, 48, or 72 hours. The watering schedule will automatically resume after the delay period.



Rain Delay Function

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



**Child Lock to
Avoid Misuse**



Image: The HiOazo water timer with icons indicating the rain delay function (cloud with rain) and child lock feature (padlock), set against a background of plants.

5.5 Child Lock Function

To prevent accidental changes to your programmed settings, activate the child lock by pressing and holding the "-/LOCK" button. Repeat the action to unlock.

5.6 Water Flow Meter

The integrated water flow meter provides real-time data on water usage. You can view the current flow speed, single watering event flow, average flow over the last 7 days, and total accumulated water flow.



Image: The HiOazo water timer with an overlay showing icons for working pressure, water inlet/outlet, hose type, and water flow measurement, emphasizing the accurate water flow meter feature.

6. MAINTENANCE

- Filter Cleaning:** Regularly inspect and clean the filter located at the water inlet to prevent dirt particles from clogging the timer. Replace the filter if it appears worn or damaged.
- Winter Storage:** During cold seasons, especially when temperatures drop below 37°F (3°C), disconnect the water timer from the faucet and store it indoors to prevent freezing damage.
- Battery Replacement:** Replace batteries when the low battery indicator appears on the screen to ensure continuous operation and prevent loss of settings.
- General Cleaning:** Wipe the exterior of the timer with a soft, damp cloth. Do not use abrasive cleaners or solvents.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Timer not turning on/display blank.	Dead or incorrectly installed batteries.	Replace batteries with new AA alkaline batteries, ensuring correct polarity.
Water not flowing or low flow.	Clogged filter; low water pressure; timer not programmed correctly; faucet off.	Clean or replace filter; check water pressure; verify programming; ensure faucet is fully open.
Timer leaking.	Loose connections; damaged O-ring/washer.	Ensure all connections are hand-tight; check and replace O-rings/washers if damaged.
Program not running at scheduled time.	Incorrect time setting; rain delay active; child lock active; low battery.	Adjust current time; check if rain delay is active; disable child lock; replace batteries.
Display shows "tInE- Error".	Time synchronization error.	Disconnect and reconnect power (remove/reinsert batteries). Re-establish time settings if necessary.

8. WARRANTY AND SUPPORT

8.1 Product Warranty

The HiOazo HO-WT-1 Water Timer comes with a **TWO-YEAR Quality Promise** from HiOazo. This warranty covers defects in materials and workmanship under normal use.

8.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact HiOazo customer service. We are committed to ensuring your satisfaction.

Contact information is typically found on the product packaging or the official HiOazo website.

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Related Documents - HO-WT-1

**IMPORTANT
PLEASE READ!**

- PLEASE ACTIVATE THE VALVE BEFORE USE IF YOU ARE USING IT FOR THE FIRST TIME. TURN THE WATER ON AND HOLD THE ON/OFF BUTTON FOR 3 SECONDS. HOLD THE ON/OFF BUTTON WITHOUT RELEASING AND THEN INSERT THE BATTERIES. TURN THE WATER ON AGAIN AND HOLD THE ON/OFF BUTTON TO TEST AND ACTIVATE. TAKE OUT THE BATTERIES AND TURN THE WATER OFF IF YOU DON'T PLAN TO WORK NORMAL. (EXPLANATION: IN MOST CASES, THE VALVE IS ACTIVATED AUTOMATICALLY DUE TO THE VIBRATION OF THE ENVIRONMENT DURING STORAGE AND TRANSPORTATION BY WATER. TURN THE WATER OFF AND TURN THE VALVE OFF TO CLOSE IT.)
- ONLY USE WITH CLEAN COOL WATER. DO NOT USE HOT WATER.
- FILTER TRAPS DIRT PARTICLES PROLONGING THE LIFE OF THE PRODUCT. DO NOT USE FILTERS THAT ARE NOT RECOMMENDED.
- WHEN EXPECTING FREEZING TEMPERATURES, TIMERS SHOULD BE REMOVED FROM THE WATER LINE AND STORED PROTECTED AGAINST POTENTIAL FREEZE DAMAGE.

[Troubleshooting Guide for HiOazo Water Timer](#)

A comprehensive troubleshooting guide for the HiOazo 4 Zones Water Timer, covering common issues like condensation on the screen, low water pressure, timer malfunction, and leaks, with solutions for each problem.



[HiOazo HSC-800W Irrigation Controller User Manual](#)

User manual for the HiOazo HSC-800W Irrigation Controller, covering installation, setup, functions, troubleshooting, and technical specifications. Features Wi-Fi connectivity and app control.



[HiSazo 4-Zone Digital Water Timer User Manual \(Model ITV405\)](#)

A comprehensive user manual for the HiSazo 4-Zone Digital Water Timer (Model ITV405). This guide covers installation, programming watering schedules, manual watering, rain delay features, troubleshooting, specifications, and important warnings for optimal use.



[RainPoint 1-Zone Water Timer User Manual \(Model ITV105\)](#)

Comprehensive user manual for the RainPoint ITV105 1-Zone Water Timer, detailing installation, programming, additional functions like Rain Delay and Manual Watering, troubleshooting, precautions, and warranty information.



[Diivoo WT-04 Dual Water Timer User Manual](#)

User manual for the Diivoo WT-04 Dual Water Timer, providing instructions on setting up automatic watering programs, manual operation, rain delay, child lock, and troubleshooting.



[Diivoo WT-04 Dual Water Timer User Manual: Setup, Operation, and Troubleshooting](#)

Comprehensive user manual for the Diivoo WT-04 Dual Water Timer. Learn how to set up, program, operate, and maintain your automatic garden watering system, including features like rain delay and child lock.

Documents - HiOazo – HO-WT-1

[\[pdf\] User Manual](#)

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[\[pdf\] User Manual Frequently Asked Questions](#)

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