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TRJZWA BM-EU-2Zone-TimeDripper

TRJZWA Drip Irrigation System Kit User Manual

Model: BM-EU-2Zone-TimeDripper

1. Introduction

Thank you for choosing the TRJZWA Drip Irrigation System Kit. This comprehensive kit is designed to provide efficient and automatic watering for your garden, lawn, vegetables, greenhouse, and flower beds. Featuring a 2-zone automatic water timer and anti-leakage quick connectors, this system simplifies plant care while conserving water. Please read this manual carefully before installation and operation to ensure optimal performance and longevity of your irrigation system.

2. Product Overview and Components

The TRJZWA Drip Irrigation System Kit comes equipped with a complete set of accessories to meet the irrigation needs of a large garden. Below is a detailed list of components included in your kit:



Image: All components of the TRJZWA Drip Irrigation System Kit, including the water timer, various hoses, connectors, and sprinkler heads.

- 100FT 1/4" Irrigation Hose
- 50FT 1/2" Irrigation Hose
- Drip Spray Integrated Nozzle (8 units)
- In-ground Gushing Nozzle (4 units)
- 8-hole In-ground Nozzle (4 units)
- Single Outlet Atomizing Nozzle (4 units)
- Square Quick Connector (20 units)
- 1/2" Threaded Quick Coupler (2 units)
- Cutter (1 unit)
- Adhesive Tape (1 unit)
- 1/2" Plugs (4 units)
- Taping (1 unit)

3. Key Features

- **Automatic Water Timer (2 Zone):** The included water timer features two independent high-flow outlets, allowing you to customize watering schedules for each zone. You can set the start time, watering duration, and irrigation frequency independently for different areas of your garden. This helps in efficient and hands-free irrigation.



Image: The yellow 2-zone automatic water timer connected to a faucet, with a digital display showing '2:00' and various control buttons.

- **Latest Quick Connector Technology:** Our drip irrigation connections utilize a patented technology for quick and secure connection and disconnection. This design ensures fast installation, typically within 10 minutes, and provides a safe, leak-free, and stable water pipe connection.



Image: A close-up showing how to press, loosen, and tighten the quick connectors for installation, emphasizing no water leakage.

- **Versatile Sprinkler Heads:** The system includes four types of drip sprinkler heads, allowing for various irrigation modes such as micro-drip, spray, and general watering. Each sprinkler head can be individually adjusted to control the amount of water, catering to the specific needs of different plant types and ensuring adequate watering while conserving water.



Image: A collage showing four different types of drippers (drip spray integrated nozzle, in-ground gushing nozzle, 8-hole in-ground nozzle, single outlet atomizing nozzle) in action, demonstrating their varied spray patterns.

- **Multi-Scenario Application:** This irrigation kit is suitable for a wide range of watering scenarios, including fogging, lawn irrigation, yard, agriculture, vegetables, greenhouse, flower beds, and cooling irrigation. Its adaptability makes it an ideal solution for diverse gardening needs.



Image: A four-panel image illustrating the system's use in a vegetable garden, on a lawn, within a greenhouse, and in a general garden setting.

4. Setup and Installation

Follow these steps for a quick and efficient setup of your TRJZWA Drip Irrigation System:

1. **Plan Your Layout:** Before starting, sketch out your garden layout and decide where each hose and sprinkler head will be placed to ensure optimal coverage for all plants.
2. **Connect the Water Timer:** Attach the 2-zone automatic water timer to your outdoor faucet. Ensure a tight, leak-free connection.
3. **Connect Main Hoses:** Use the 1/2" irrigation hose as your main supply line. Connect it to the outlets of the water timer using the provided quick couplers.
4. **Distribute 1/4" Tubing:** Run the 1/4" distribution tubing from the main 1/2" hose to individual plants or areas using the square quick connectors. Use the cutter to cut the tubing to desired lengths.
5. **Install Sprinkler Heads:** Insert the chosen sprinkler heads (drip spray, gushing, 8-hole, or atomizing nozzles) into the 1/4" tubing. Ensure they are securely fitted. The quick connector technology allows for easy press-to-install,

loosen, and tighten actions.



Image: A four-panel image demonstrating the ease of installation, showing hands connecting tubing to a connector, inserting a dripper, and the final setup in a garden.

6. **Secure Connections:** Double-check all connections to prevent leaks. Use the provided adhesive tape on threaded connections if necessary.
7. **Test the System:** Turn on the water supply and manually activate the timer to check for proper water flow and any leaks. Adjust connections as needed.

5. Operating Instructions

The automatic water timer allows for precise control over your irrigation schedule:

1. **Setting the Water Timer:** Refer to the timer's specific instructions for setting the current time, start time, watering duration, and frequency for each of the two zones. The timer's interface is designed for user-friendly programming.
2. **Dual Zone Operation:** Utilize the 2-zone functionality to water different areas with varying needs. For example, Zone 1 can water your lawn, while Zone 2 waters your flower beds, each with its own schedule.



Image: An illustration of the dual-zone mode, showing the water timer connected to two separate irrigation lines, labeled Zone 1 and Zone 2, watering different parts of a garden.

3. **Adjusting Sprinkler Heads:** Each sprinkler head can be adjusted to control the water volume and spray pattern. Rotate the cap of the nozzle to increase or decrease the splash size and water flow according to your plants' requirements.



Image: A close-up showing how to rotate the top of a sprinkler head to adjust the water splash size, with examples of low, medium, and large water volumes.

6. Maintenance

Regular maintenance will ensure the longevity and efficient operation of your drip irrigation system:

- **Check for Leaks:** Periodically inspect all connections and hoses for any signs of leaks. Tighten or replace components as needed.
- **Clean Nozzles:** Over time, mineral deposits or debris can clog sprinkler heads. Clean them regularly to maintain optimal spray patterns.
- **Winterization:** In colder climates, drain all water from the system before the first frost to prevent freezing and damage to hoses and components. Store the water timer indoors.
- **Battery Replacement:** If your water timer uses batteries, replace them annually or when the low battery indicator appears to ensure continuous operation.

7. Troubleshooting

Here are some common issues and their potential solutions:

- **No Water Flow:**
  - Check if the faucet is fully open.
  - Ensure the water timer is programmed correctly and has sufficient battery power.
  - Inspect hoses for kinks or blockages.
  - Check for clogged sprinkler heads.
- **Leaks at Connections:**
  - Ensure all quick connectors are fully engaged and tightened.
  - Apply additional adhesive tape to threaded connections if necessary.
  - Check for damaged O-rings or washers and replace if worn.
- **Uneven Watering:**
  - Adjust individual sprinkler heads to ensure proper water distribution.
  - Clean any partially clogged nozzles.
  - Verify adequate water pressure from your source.

8. Specifications

Feature	Detail
Brand	TRJZWA
Model Name	YZD02s
Item Model Number	BM-EU-2Zone-TimeDripper
Hose Length	100 Feet (1/4"), 50 Feet (1/2") - Total 150 feet kit
Fit Type	Mixed (Push-fit, Threaded, Barbed)
Product Dimensions	12.2 x 12.2 x 6.69 inches
Item Weight	6.84 pounds
Power Source	Battery Powered (for timer)

9. Safety Information

Important Safety Notice:
This product is intended for outdoor cold water irrigation only and is not suitable for drinking water. Always ensure a secure connection to prevent leaks and water wastage. Follow all installation and usage instructions carefully to ensure safe and proper operation of the system. Do not modify the product in any way not specified in this manual.

10. Warranty and Support

Specific warranty details for the TRJZWA Drip Irrigation System Kit are not provided in the product information. For any questions regarding warranty, technical support, or replacement parts, please contact TRJZWA customer service directly through their official channels or the retailer from whom you purchased the product. Keep your purchase receipt as proof of purchase.

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