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› BAOSHISHAN BSS-BB20 Dual Pump Indoor Plant Watering System User Manual

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Model: BSS-BB20

1. INTRODUCTION

The BAOSHISHAN BSS-BB20 Dual Pump Indoor Plant Watering System is designed to provide automated watering for up to 20 potted plants. This system features two independent pumps, allowing for customized watering schedules and flow rates for different plant types. It includes both adjustable drippers and 2-in-1 spray & drip emitters to cater to various plant hydration needs.

Dual Pump, Separate Zone

Right Water for Every Plant



Cover **20** Potted Plants



Image 1.1: The BAOSHISHAN Dual Pump Indoor Plant Watering System in operation, showing two pumps independently watering various potted plants.

2. PACKAGE CONTENTS

Before installation, please verify that all components are present in the package:

- Main Pump Unit (1)
- 6mm Water Tube (1 roll)
- 2-in-1 Spray & Drip Emitters (5)
- Adjustable Flow Drippers (15)
- Filters (2)
- Quick-Connect Tees (20)
- Tube Cutter (1)
- Type-C Power Cable (1)
- Power Adapter (1)

Everything in One Box



Image 2.1: All included accessories for the watering system, including the main pump, tubing, emitters, and tools.

3. SETUP AND INSTALLATION

Follow these steps to set up your BAOSHISHAN BSS-BB20 watering system:

- 1. Prepare Water Source:** Place a water reservoir (e.g., a bucket or jug) near your plants. Ensure it is clean and accessible for refills.
- 2. Connect Inlet Tubes:** Insert the two filters into the ends of two separate 6mm water tubes. Connect these filtered tubes to the inlet ports of Pump A and Pump B on the main unit. Place the filtered ends into your water reservoir.
- 3. Connect Outlet Tubes:** Insert the remaining 6mm water tube(s) into the outlet ports of Pump A and Pump B. Use the tube cutter to cut the tubing to the desired lengths for your plant layout.
- 4. Install Quick-Connect Tees:** Use the quick-connect tees to branch the main tubing to individual plants. Ensure connections are firm to prevent leaks.

Fast, Safe & Silent

The Things You Really Care About

01



02



03



Image 3.1: Detail of a quick-connect tee, ensuring secure and leak-free tubing connections.

- Attach Emitters:** Connect the adjustable drippers or 2-in-1 spray & drip emitters to the ends of the smaller tubes leading to each plant. Position the emitters in the soil near the plant's base.
- Power On:** Connect the Type-C power cable to the main unit and plug the power adapter into an electrical outlet. The display will illuminate.

Installation Video Guide

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Video 3.1: This video demonstrates the step-by-step installation process of the BAOSHISHAN Dual Pump Automatic Plant Waterer, including connecting tubes and emitters.

4. OPERATING INSTRUCTIONS

The system offers dual-pump functionality and programmable schedules for precise watering.

4.1. Setting Watering Schedules

The control panel allows you to set up to 3 programmable schedules for each pump (A and B). Each schedule can be customized for watering duration and frequency.

1. **Access Schedule Settings:** Use the rotary knob and 'OK' button to navigate the menu. Select the desired pump (A or B) and schedule (A1-A3 or B1-B3).
2. **Set Watering Duration:** Adjust the watering time from 1 second to 30 minutes using the rotary knob. Confirm with 'OK'.
3. **Set Watering Interval:** Adjust the frequency from 1 hour to 15 days. Confirm with 'OK'.
4. **Save Settings:** Ensure all settings are confirmed to be saved. The system has power-off memory to retain settings for up to 6 months.

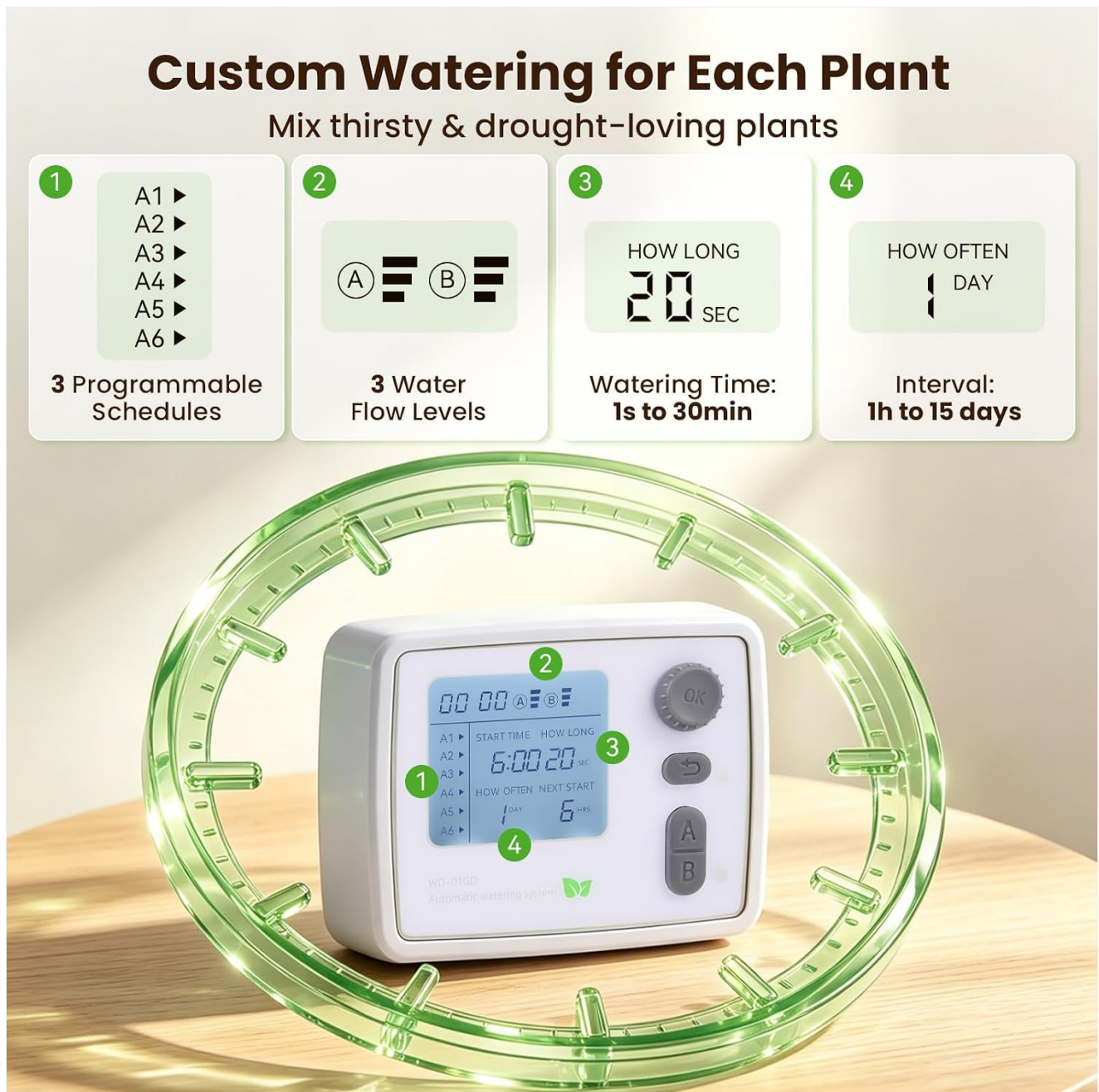


Image 4.1: The control panel showing options for setting watering duration and interval for customized plant care.

4.2. Manual Watering

To initiate manual watering, rotate the 'OK' knob. This will start watering immediately. Press 'OK' again to stop manual watering.

4.3. Child Lock Function

The system includes a child lock feature to prevent accidental changes to settings. To activate/deactivate, press and hold the lock button (usually indicated by a padlock icon) for a few seconds.

Panel Setting Video Guide

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Video 4.2: This video illustrates the steps for setting up the control panel of the dual pump automatic plant waterer, including programming schedules.

Dual Pump & Separate Zone Demonstration

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Video 4.3: This video demonstrates the functionality of the dual pump system, highlighting how two separate watering zones can be managed simultaneously.

5. EMITTER TYPES

The system includes two types of emitters to suit different plant needs:

- **Adjustable Drippers:** Ideal for plants that prefer less water or precise root watering, such as cacti and succulents. The flow rate can be adjusted.
- **2-in-1 Spray & Drip Emitters:** Designed for foliage plants like Pothos and Monstera Deliciosa, these emitters provide both root dripping and a gentle leaf misting effect.

2 Dripper Types

Tailored for Different Plants

1

Adjustable Dripper:

For Succulent/Cactus



2

2-in-1 Spray & Drip Emitter:

For Foliage Plants/Flowering Plants



Image 5.1: Comparison of the adjustable dripper and the 2-in-1 spray & drip emitter, showing their different watering patterns.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your watering system:

- **Clean Filters:** Periodically check and clean the water inlet filters to prevent blockages and ensure consistent water flow. Rinse them under running water.
- **Inspect Tubing and Emitters:** Regularly inspect all tubing and emitters for kinks, blockages, or damage. Clear any debris that may accumulate in the emitters.
- **Refill Water Reservoir:** Ensure the water reservoir is always adequately filled to prevent the pumps from running dry.
- **Store Properly:** If storing the system for an extended period, drain all water, clean components, and store in a dry, cool place.

7. TROUBLESHOOTING

Refer to the table below for common issues and their solutions:

Problem	Possible Cause	Solution
No water flow	Empty water reservoir Clogged filter Kinked tubing Pump malfunction	Refill reservoir Clean or replace filter Straighten tubing Contact support
Uneven watering	Clogged emitter Incorrect emitter type Uneven tube length/pressure	Clean emitter Adjust emitter or use appropriate type Ensure balanced setup
System not powering on	Power cable not connected Faulty power adapter No power from outlet	Check connections Test with another adapter Test outlet with another device
Settings not saving	Settings not confirmed Power interruption (rare for memory function)	Ensure 'OK' is pressed after changes Verify power stability
Leakage	Loose connection Damaged tubing/emitter	Tighten all connections Replace damaged parts

8. SPECIFICATIONS

Feature	Detail
Brand	BAOSHISHAN
Model Name	BSS-BB20
Capacity	Up to 20 plants
Item Weight	1.5 Pounds
Fit Type	Push-Fit/Flexible Tubing
Included Components	Tube, T-Joints, Drippers, Filters, Type-C cable

9. WARRANTY AND SUPPORT

9.1. Warranty Information

This BAOSHISHAN BSS-BB20 Dual Pump Indoor Plant Watering System comes with a **2-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

9.2. Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact BAOSHISHAN customer support through the retailer's platform or the official BAOSHISHAN website. Please have your model number (BSS-BB20) and purchase date available when contacting support.

