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Gardena 13300-20

Gardena AquaBloom Solar-Powered Irrigation Set

Model: 13300-20

Brand: Gardena

INTRODUCTION

The Gardena AquaBloom Set offers a completely independent and automatic watering solution for your potted plants on balconies and terraces. Designed for convenience, this system requires no external electricity or water tap connection, making it highly versatile for various outdoor spaces. It ensures your plants receive optimal hydration, even when you are away for extended periods.



The main AquaBloom unit, featuring its integrated solar panel and control dial.

PACKAGE CONTENTS

The Gardena AquaBloom Set comes complete with all necessary components for immediate setup and operation:

- 1x Gardena AquaBloom 3-in-1 Main Unit (integrates pump, solar panel, and control unit)
- 3x AA rechargeable batteries (1.2 V 2,400 mAh)
- 15x 3/16 inch hose retainers
- 8x 3/16 inch T-pieces
- 8x 3/16 inch sealing plugs
- 1x Filter
- 20 meters of 3/16 inch distribution tube
- Pressure compensating droppers (integrated into the system for even watering)



A visual representation of all included components in the AquaBloom set.

SETUP GUIDE

Setting up your Gardena AquaBloom system is a straightforward process, typically completed in five simple steps:

1. **Place AquaBloom in the sun:** Position the main unit in a location that receives ample direct sunlight to ensure the integrated solar panel can effectively charge the batteries. The unit can be placed on a table, hung on a wall, or attached to a balcony railing.



The AquaBloom unit can be easily mounted on a balcony railing for optimal sun exposure.

2. **Cut the tube:** Measure and cut the 20-meter distribution tube into appropriate lengths to reach each plant you intend to water.



Carefully cut the distribution tube to fit your plant arrangement.

3. **Set the dripholders:** Connect the pressure-compensating drippers to the cut tube sections using the provided T-pieces and sealing plugs. Position the drippers near the base of each plant.



Ensure drippers are correctly placed to deliver water directly to the plant's root zone.

4. **Fill the water bucket:** Place a water reservoir (e.g., a bucket or large container) near the AquaBloom unit and fill it with water. The unit's pump will draw water from this container.



The system draws water from any suitable container, such as a bucket.

5. **Set the watering program:** Once all connections are made and the water reservoir is ready, select your desired watering program using the dial on the AquaBloom unit.



The complete setup, ready for automatic watering.

OPERATION

The Gardena AquaBloom system is designed for simple, automated operation. The integrated control unit manages the watering cycles based on your selected program.

Selecting a Watering Program

The AquaBloom unit features a central dial that allows you to choose from 14 pre-defined watering programs. These programs vary in frequency and duration to suit different plant needs and environmental conditions.



Adjust the dial to select your preferred watering program.

Available Watering Programs

Frequency	Duration (minutes)
1x / day	10, 15, 20, 25, 30, 35, 40
2x / day	5, 10, 15, 20
2-3x / week	30, 45, 72

The system's quiet pump draws filtered water from your chosen container and distributes it evenly to up to 20 plants through the pressure-compensating drippers. The solar panel continuously charges the internal batteries, ensuring reliable operation throughout the season.

Product Overview Video

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This video provides a summary of the Gardena AquaBloom product and its key features.

MAINTENANCE

To ensure the longevity and optimal performance of your Gardena AquaBloom set, regular maintenance is recommended:

- **Filter Cleaning:** Periodically check the water filter (located at the end of the intake hose) for any debris or blockages. Clean it thoroughly to ensure unrestricted water flow to the pump.
- **Solar Panel Care:** Keep the solar panel clean and free from dust, dirt, or leaves. A clean panel ensures maximum sunlight absorption for efficient battery charging.
- **Tubing and Dripper Inspection:** Regularly inspect all distribution tubes and drippers for kinks, leaks, or clogs. Ensure all connections are secure.
- **Winter Storage:** Before the first frost, or if storing the unit for an extended period, drain all water from the system. Remove the batteries and store the AquaBloom unit and components in a dry, frost-free

location.

TROUBLESHOOTING

If you encounter issues with your Gardena AquaBloom set, refer to the following common problems and their solutions:

Problem	Possible Cause	Solution
No water flow	Empty water reservoir Clogged filter Kinked or blocked tubing Discharged batteries Incorrect program setting	Refill the water reservoir Clean the water filter Straighten or clear any obstructions in the tubing Ensure the unit is in direct sunlight to charge batteries, or replace if necessary Verify the program dial is set to an active watering program
Uneven watering or no water from specific drippers	Clogged drippers Improper dripper placement	Clean or replace individual drippers Adjust dripper position to ensure direct and even water distribution to plants
Unit not charging or holding charge	Solar panel is dirty or obstructed Insufficient direct sunlight Batteries are old or faulty	Clean the solar panel surface Relocate the unit to an area with prolonged direct sunlight exposure Replace the rechargeable AA batteries

SPECIFICATIONS

Feature	Detail
Model Number	13300-20
Power Source	Solar Powered
Item Dimensions (L x W x H)	10.16 x 9.92 x 4.96 inches
Item Weight	2.66 pounds (approx. 1208 Grams)
Hose Length	20 Meters (approx. 65.6 feet)
Watering Capacity	Up to 20 plants, max 4m height difference
Control Type	Spatial Control/Position Control (Program Dial)

Feature	Detail
Batteries	3 AA rechargeable batteries (included)
Material	Plastic
Manufacturer	GARDENA

IMPORTANT SAFETY INFORMATION

Please read and adhere to the following safety guidelines to ensure safe operation and prevent damage to the unit or injury:

- Always follow the assembly and usage instructions provided with the kit.
- Keep electrical components (main unit) away from direct water immersion beyond normal operation.
- Ensure proper handling of batteries. Do not mix old and new batteries, or different types of batteries. Dispose of used batteries responsibly.
- Do not operate the kit if it appears damaged or is malfunctioning. Contact customer support for assistance.
- Always turn off the kit and disconnect it from the water source before making any adjustments, cleaning, or repairs.
- Keep the kit out of reach of children and pets when in operation to prevent accidental damage or injury.

WARRANTY AND SUPPORT

For detailed warranty information, product registration, or technical support, please visit the official Gardena website or contact their customer service department. It is advisable to retain your proof of purchase for any warranty claims.

You can find more information and contact details on the official Gardena website: www.gardena.com