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Gardena 1354-20

GARDENA 1354-U 2000 Master Unit for Micro Drip System

Model: 1354-20

Introduction

The Gardena 1354-U 2000 Master Unit is a core component of the Gardena Micro-Drip System, designed to efficiently manage water flow for targeted plant irrigation. This unit filters water and reduces the incoming pressure to an optimal operating level of approximately 22 psi (1.5 bar), ensuring consistent and gentle watering. It is equipped for direct connection to a tap and includes connectors for both the connecting pipe and the supply pipe, facilitating quick and easy installation. The integrated filter is easily removable for cleaning, maintaining system performance.

Safety Information

- Read all instructions carefully before installation and operation.
- Ensure all connections are secure to prevent leaks.
- Do not expose the unit to freezing temperatures. Disconnect and drain the system before the first frost.
- Use only with clean water.
- Keep out of reach of children.

Package Contents

- 1 x Gardena Master Unit 2000 (Model 1354-20)
- Tap connector (Model 36002)
- Connectors for connecting pipe and supply pipe

Setup Instructions

Step 1: Connect to Water Tap

Attach the tap connector (Model 36002) to your outdoor water tap. Ensure a tight seal to prevent leaks.



Image: The Gardena Master Unit connected to a water source (orange hose) and the micro-drip system (black pipe) amidst garden plants.

Step 2: Connect Master Unit

Connect the Gardena Master Unit to the tap connector. The unit has an arrow indicating the direction of water flow. Ensure it is oriented correctly.



Image: Rear view of the Gardena Master Unit, highlighting the inlet and outlet connections.

Step 3: Connect Micro-Drip System Pipes

Attach the connecting pipe and supply pipe of your Micro-Drip System to the designated connectors on the Master Unit. The quick and easy connection technology ensures a secure fit.



Image: A hand adjusting a connection on the side of the Gardena Master Unit, demonstrating its adaptability.

Step 4: Position the Unit

Place the Master Unit securely on the ground or mount it as appropriate for your system layout. Ensure it is stable and not prone to tipping.

Operating Instructions

Once installed, the Gardena Master Unit automatically filters the water and reduces the pressure to approximately 22 psi (1.5 bar). This optimal pressure ensures efficient and gentle operation of your Micro-Drip System.

- Open the water tap fully to allow water to flow through the system.
- The unit will regulate the pressure for consistent water delivery to your plants.
- Monitor your Micro-Drip System for proper water distribution and adjust drippers or spray nozzles as needed.



Image: A graphic indicating the unit's capacity of 2000 liters per hour, signifying ideal irrigation for your garden.

Maintenance

Filter Cleaning

The Master Unit features an integrated filter that should be cleaned regularly to ensure optimal performance and prevent clogging.

1. Turn off the water supply to the Micro-Drip System.
2. Carefully unscrew the filter housing from the main unit.
3. Remove the filter element.
4. Rinse the filter element under running water to remove any debris.
5. Reinsert the clean filter element and securely reattach the filter housing.



Image: A close-up view of the Gardena Master Unit, showing the filter cap and indicating its easy removal for cleaning.

Winterization

Before the first frost, disconnect the Master Unit and drain all water from the system to prevent damage from freezing. Store the unit in a frost-free location.

Troubleshooting

Low Water Flow

- Check if the water tap is fully open.
- Inspect the filter for clogging and clean if necessary (refer to Maintenance section).
- Ensure all connections are secure and there are no leaks in the system.
- Verify that the Master Unit is installed with the correct water flow direction (indicated by an arrow).

Leaks

- Tighten all connections, including the tap connector and pipe connectors.
- Check for damaged O-rings or seals and replace if needed.

Unit Not Reducing Pressure

- Ensure the unit is correctly installed and not damaged. If issues persist, contact customer support.

Specifications

Feature	Detail

Feature	Detail
Model Number	1354-20
Material	Metal (internal components), Plastic (housing)
Product Dimensions (D x W x H)	3.94" x 3.94" x 3.94" (10 cm x 10 cm x 10 cm)
Item Weight	0.91 Pounds (0.41 kg)
Operating Pressure	Approx. 22 psi (1.5 bar)
Included Components	Master Unit, Tap Connector, Pipe Connectors
Manufacturer	Gardena



Image: Technical drawing illustrating the dimensions of the Gardena Master Unit in centimeters and inches, along with its weight.



Image: Infographic displaying key features of the Gardena Master Unit: 1.5 bar pressure, 2000 l/h flow, integrated filter, compatibility with 13mm (1/2") and 4.6mm (3/16") pipes, and quick connection.

Warranty and Support

For warranty information and customer support, please refer to the official Gardena website or contact your local Gardena dealer. Keep your proof of purchase for warranty claims.
For further assistance, visit the official Gardena store:Gardena Store.

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