

Garantia 79795

Garantia Rain Barrel Filter Header ECO 503011 User Manual

Model: DN70-DN100 (79795)

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Garantia Rain Barrel Filter Header ECO 503011. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

The Garantia Rain Barrel Filter Header ECO 503011 is designed to efficiently collect rainwater from downpipes while preventing overflow and filtering out debris. It features a lateral outlet for hose connection and a built-in sieve for foliage deflection.

PRODUCT OVERVIEW



Figure 1: The Garantia Rain Barrel Filter Header ECO 503011, a gray cylindrical unit with a top opening for downpipe

connection and a side outlet for hose attachment. This component is designed to be integrated into a downpipe system to divert rainwater into a collection barrel.



Figure 2: An illustrative diagram showing the internal mechanism of the filter header. Rainwater flows down the downpipe, passes through an internal sieve that deflects leaves and debris, and then is diverted through the side outlet into a rain barrel. Excess water continues down the main downpipe, preventing barrel overflow.

Key Features:

- Rain barrel filling machine with overflow stop
- Lateral outlet with hose and fitting
- Integrated sieve for foliage deflection
- Prevents overflow of a full rain water barrel
- Easy transition between summer and winter operation modes

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your filter header. Follow these steps carefully.

Tools and Materials Required:

- Measuring tape
- Marker or pencil
- Saw suitable for downpipe material (e.g., hacksaw for metal, PVC saw for plastic)
- Drill with appropriate bit for rain barrel connection
- Level
- Hose and fitting (included)

Installation Steps:

- Determine Installation Height:** Position the rain barrel next to the downpipe. The lateral outlet of the filter header should be level with or slightly below the top fill level of your rain barrel. Mark this height on the downpipe.
- Cut the Downpipe:** Measure and mark the section of the downpipe to be removed. The length of the removed section should accommodate the height of the filter header. Ensure clean, straight cuts.
- Insert the Filter Header:** Place the lower part of the downpipe into the bottom opening of the filter header. Then, insert the top part of the downpipe into the upper opening of the filter header. Ensure a secure fit. For downpipes smaller than 100mm, additional sealing or adapters may be required to prevent leaks, as the unit is designed to sit inside 100mm pipes.
- Connect to Rain Barrel:** Drill a hole in your rain barrel at the desired fill height, ensuring it aligns with the filter header's lateral outlet. Attach the included hose and fitting to the filter header and secure it to the rain barrel. Ensure the hose has a slight downward slope towards the barrel to facilitate water flow.
- Check for Leaks:** After installation, wait for rain or pour water down the downpipe to check for any leaks at the connections.

OPERATING INSTRUCTIONS

The Garantia Rain Barrel Filter Header ECO 503011 is designed for simple operation with a seasonal adjustment feature.

Summer Operation (Rainwater Collection):

In summer mode, the filter header diverts rainwater into your rain barrel. The internal sieve filters out leaves and larger debris, while the overflow stop mechanism prevents the barrel from overfilling once it reaches capacity. Excess water will continue to flow down the downpipe.

- Ensure the internal mechanism is set to the "Summer" position (refer to product markings for specific indicator).
- Regularly check the sieve for accumulated debris to maintain optimal flow.

Winter Operation (Bypass Mode):

During winter, it is recommended to switch the filter header to bypass mode to prevent freezing and potential damage to the rain barrel or the unit itself. In this mode, water will bypass the rain barrel and flow directly down the downpipe.

- Rotate the internal mechanism to the "Winter" position (refer to product markings for specific indicator). This closes the opening to the rain barrel.
- Disconnect the hose from the rain barrel if desired, or ensure the barrel is empty and protected from freezing.

MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your filter header.

- Sieve Cleaning:** Periodically inspect the internal sieve for accumulated leaves, twigs, and other debris. Remove any blockages to ensure proper water flow and filtration. The frequency of cleaning depends on the amount of foliage in your area.

- **Hose and Fitting Check:** Inspect the hose and its connection to both the filter header and the rain barrel for any signs of wear, cracks, or leaks. Replace if necessary.
- **Winter Preparation:** Before the first frost, ensure the unit is switched to winter operation mode to prevent water from entering the rain barrel and freezing. If the rain barrel is not emptied, it could crack due to ice expansion.
- **General Cleaning:** Clean the exterior of the unit with mild soap and water as needed. Avoid abrasive cleaners.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Rain barrel not filling	Unit in winter operation mode. Sieve is clogged with debris. Hose or fitting is blocked or disconnected. Insufficient rainfall.	Switch to summer operation mode. Clean the sieve. Check and clear hose/fitting; re-connect securely. Wait for more rain.
Rain barrel overflowing prematurely	Overflow stop mechanism is blocked. Hose connection to barrel is too high.	Inspect and clear any debris from the overflow area within the unit. Ensure the hose connection point on the barrel is at or slightly below the desired maximum fill level.
Water leaking from downpipe connection	Improper fit with downpipe (especially for smaller diameters). Damaged unit or downpipe.	Ensure correct downpipe diameter (DN70-DN100). Use appropriate sealing or adapters for smaller pipes. Inspect for cracks or damage; replace if necessary.

SPECIFICATIONS

Brand	Garantia
Model Number	79795
Compatible Downpipe Diameters	DN70-DN100
Color	Gray
Material	Alloy Steel
Product Dimensions (L x W x H)	13.78" x 12.2" x 5.12"
Item Weight	0.53 Pounds (approx. 8.5 ounces)
Shape	Cylindrical
Included Components	Downpipe Valve - Filling Device, Hose, Fitting

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the manufacturer's official website or contact your retailer. Keep your purchase receipt as proof of purchase.

Manufacturer: Schou

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