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> VEVOR Aquarium Filter 528GPH Instruction Manual

## VEVOR 528GPH-UV

# VEVOR Aquarium Filter 528GPH Instruction Manual

### INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your VEVOR 5-Stage Canister Aquarium Filter 528GPH. Designed for freshwater aquariums, turtle tanks, and fish tanks up to 235 gallons, this filter ensures efficient water purification with its multi-stage filtration system and UV protection. Please read this manual thoroughly before use to ensure proper function and longevity of your product.



Image: VEVOR Aquarium Filter 528GPH main unit.

## IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions to reduce the risk of fire, electric shock, and injury to persons, including the following:

- Read all instructions before using the appliance.
- **DANGER** – To avoid possible electric shock, special care should be taken when handling water near the appliance. For each of the following situations, do not attempt to repair yourself; return the appliance to an authorized service facility for service or discard the appliance.
- If the appliance falls into water, **DO NOT** reach for it. Unplug it first and then retrieve it. If electrical components get wet, unplug the appliance immediately.
- If the appliance shows any sign of abnormal water leakage, immediately disconnect it from the power source.

- Carefully examine the appliance after installation. It should not be plugged in if there is water on parts not intended to be wet.
  - Do not operate any appliance if it has a damaged cord or plug, or if it is malfunctioning or has been dropped or damaged in any manner.
  - To avoid the possibility of the appliance plug or receptacle getting wet, position the aquarium stand and tank to one side of a wall-mounted receptacle to prevent water from dripping onto the receptacle or plug. A “drip loop” should be arranged by the user for each cord connecting an aquarium appliance to a receptacle. The “drip loop” is the part of the cord below the level of the receptacle, or the connector if an extension cord is used, to prevent water from traveling along the cord and coming into contact with the receptacle. If the plug or receptacle does get wet, **DO NOT** unplug the cord. Disconnect the fuse or circuit breaker that supplies power to the appliance. Then unplug and examine for the presence of water in the receptacle.
  - Close supervision is necessary when any appliance is used by or near children.
  - To avoid injury, do not contact moving parts or hot parts such as heaters, reflector, lamp bulbs, or UV lamps.
  - Always unplug an appliance from an outlet when not in use, before putting on or taking off parts, and before cleaning. Never yank cord to pull plug from outlet. Grasp the plug and pull to disconnect.
  - Do not use the appliance for anything other than its intended use. The use of attachments not recommended or sold by the appliance manufacturer may cause an unsafe condition.
  - Do not install or store the appliance where it will be exposed to the weather or to temperatures below freezing.
  - Ensure the appliance is securely installed before operating it.
  - Read and observe all important notices on the appliance.
  - If an extension cord is necessary, a cord with a proper rating should be used. A cord rated for less amperes or watts than the appliance rating may overheat. Care should be taken to arrange the cord so that it will not be tripped over or pulled.
  - This appliance has a polarized plug (one blade is wider than the other). As a safety feature, this plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Never use with an extension cord unless plug can be fully inserted. Do not attempt to defeat this safety feature.
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## PRODUCT COMPONENTS

The VEVOR Aquarium Filter 528GPH package includes the following items:

- 1 x Aquarium Filter Main Unit
- 1 x Inlet Adjustment Switch
- 1 x Inlet Hose
- 2 x Inlet/Outlet Components
- 2 x PVC Hoses (47.24 inches / 1.2 meters each)
- 1 x Surface Clear Skimmer
- 1 x Floating Head
- 1 x Rain Shower Pipe Assembly
- 1 x Rain Pipe
- 1 x Output Discreteness

- 1 x Long Fleur Bouquet
- 1 x Short Fleur Bouquet
- 1 x Sucker (typically 5)
- 1 x Quartz Glass Tube (for UV lamp)
- Filter Media: Cotton Filter, Ceramic Filter Rings, Bio Balls

# COMPREHENSIVE ACCESSORIES INCLUDED

Everything You Need in One Set



Image: Detailed view of included accessories and filter media.

## SETUP GUIDE

Follow these steps to properly set up your VEVOR Aquarium Filter:

1. **Prepare Filter Media:** Open the filter unit and arrange the filter media in the designated trays. The 5-stage filtration typically includes: white sponge (coarse impurities), loose bio balls + black sponge (nitrifying bacteria), and loose ceramic rings + black sponge (beneficial bacteria cultivation). Ensure all media are rinsed thoroughly before placement.
2. **Connect Hoses:** Attach the inlet and outlet hoses to the corresponding ports on the filter head. Ensure a

secure connection to prevent leaks. The quick-connect design allows for easy attachment and detachment.

3. **Install Inlet/Outlet Components:** Assemble the inlet and outlet pipe components according to your aquarium setup. The inlet typically includes a surface skimmer for oil film removal. Position the inlet near the bottom of the tank and the outlet (rain shower pipe) near the top for optimal water circulation.
4. **Position the Filter:** Place the filter unit below the aquarium water level, ideally in a cabinet or on a sturdy surface. Ensure the hoses are not kinked and have a proper "drip loop" to prevent water from reaching electrical outlets.
5. **Prime the Filter:** Before plugging in, ensure the filter is filled with water. Use the lift-and-release air vent valve (pump 2-4 times) to remove air from the system and draw water into the canister. Continue until water flows smoothly through the outlet.
6. **Connect to Power:** Once the filter is primed and all connections are secure, plug the power cord into a grounded electrical outlet.

## DOUBLE QUICK-CONNECT DESIGN

Enhanced Leak-Proof Design for Better Sealing



QUICK-CONNECT DESIGN



**WATERPROOF RUBBER RING**  
Thicker and Tighter Waterproof Rubber Ring for Leak Prevention



Image: Illustration of the double quick-connect design and waterproof rubber ring for secure hose connections.

# BUILT-IN FLOW RATE ADJUSTMENT VALVE

Convenient for Adjusting Flow Rate According to Actual Needs



Image: Close-up of the water flow adjustment knob and the lift-and-release air vent valve for priming.

Your browser does not support the video tag.

Video: Official VEVOR Aquarium Filter setup and overview. This video demonstrates the connection of inlet and outlet pipes to the main unit, providing a visual guide for installation.

## OPERATING INSTRUCTIONS

Once the filter is set up and powered on, it will begin filtering your aquarium water. Here are key operational features:

- **UV Lamp Timer:** The built-in UV lamp features a timer for automatic on/off settings. You can set it to operate for 4, 8, or 24-hour intervals. This helps inhibit germ growth and remove algae.
- **Flow Adjustment Valve:** Use the flow adjustment knob on the filter head to regulate the water flow rate. You can adjust it from maximum to minimum, or even shut it off completely for maintenance without disconnecting hoses.

- **Silent Operation:** The filter is equipped with a pure copper brushless motor, ensuring quiet operation (less than 50 decibels).



Image: Illustration highlighting the brushless copper motor and low sound level of the filter.

## MAINTENANCE

Regular maintenance is crucial for the optimal performance and longevity of your filter. The dual quick-release head design simplifies cleaning.

1. **Disconnect Power:** Always unplug the filter from the power outlet before performing any maintenance.
2. **Detach Hoses:** Use the quick-release levers on the inlet/outlet components to easily detach the hoses from the filter head. This allows you to move the canister for cleaning without draining the hoses.
3. **Open Filter Head:** Release the clamps on the sides of the canister to remove the filter head.
4. **Clean Filter Media:** Remove the filter trays and rinse the mechanical filter media (sponges, cotton filter) with old aquarium water to preserve beneficial bacteria. Replace chemical media (e.g., activated carbon, if

used) as recommended by the manufacturer. Biological media (bio balls, ceramic rings) should only be gently rinsed if heavily clogged, again using old aquarium water.

5. **Clean Impeller:** Inspect and clean the impeller and its housing. Remove any debris or buildup that could impede its rotation.
6. **Reassemble:** Reassemble the filter in reverse order, ensuring all seals and O-rings are properly seated and free of debris to prevent leaks. The thickened and tightened silicone ring design reinforces leak prevention.
7. **Prime and Restart:** Follow the priming steps from the Setup Guide before plugging the filter back in.

## DOUBLE QUICK-CONNECT DESIGN

Enhanced Leak-Proof Design for Better Sealing



QUICK-CONNECT DESIGN



**WATERPROOF RUBBER RING**  
Thicker and Tighter Waterproof Rubber  
Ring for Leak Prevention



Image: Close-up of the waterproof rubber ring, crucial for preventing leaks during operation and after maintenance.

### TROUBLESHOOTING

If you encounter issues with your VEVOR Aquarium Filter, refer to the following common problems and solutions:

<b>Problem</b>	<b>Possible Cause</b>	<b>Solution</b>
<b>Reduced Flow Rate</b>	Clogged filter media, air in the system, dirty impeller, kinked hoses.	Clean or replace filter media. Re-prime the filter to remove air. Clean the impeller. Check hoses for kinks.
<b>Filter Not Starting / No Power</b>	Power outage, loose plug, damaged cord, motor failure.	Check power supply and plug connection. Inspect cord for damage. If issues persist, contact support.
<b>Loud Noise / Vibration</b>	Air trapped in the filter, dirty or damaged impeller, improper seating of filter head.	Re-prime the filter to remove air. Clean or inspect the impeller for damage. Ensure the filter head is securely clamped and sealed.
<b>Water Leakage</b>	Improperly seated O-ring/gasket, loose hose connections, cracked housing.	Check and reseal all O-rings and gaskets. Tighten hose connections. Inspect the unit for visible damage.
<b>Cloudy Water After Setup</b>	Insufficient filtration time, new tank syndrome, improper filter media setup.	Allow more time for filtration. Ensure filter media is correctly layered and clean. Perform partial water changes.

## TECHNICAL SPECIFICATIONS

Below are the technical specifications for the VEVOR Aquarium Filter 528GPH:

<b>Brand</b>	VEVOR
<b>Model Number</b>	Aquarium Filter 528GPH
<b>Power Source</b>	Corded Electric
<b>Pump Power</b>	25W
<b>Maximum Flow Rate</b>	660 GPH (2500 L/H)
<b>Recommended Tank Capacity</b>	Up to 235 Gallons (Freshwater)
<b>Number of Filtration Layers</b>	5
<b>UV Lamp Power</b>	9W
<b>Timed UV Function</b>	Yes (4/8/24-hour intervals)
<b>Noise Level</b>	< 50dB
<b>Head Height</b>	> 70.87 inches / 1.8 meters
<b>Main Material</b>	Acrylonitrile Butadiene Styrene (ABS)
<b>Product Dimensions</b>	9.45 x 9.45 x 20 inches (240 x 240 x 510 mm)
<b>Product Weight</b>	13.45 lbs / 6.1 kg



Item Model Number **AQ-913F-UV 25W**

Pump Power **25W**

Noise Level **< 50dB**

Timed UV Function **Yes**

Maximum Flow Rate **660GPH (2500 L/H)**

UV Lamp Power **9W**

Head Height **>70.87"/1.8m**

Number of Filtration Layers **5**

Recommended Tank Capacity **235 gallons / 889.6L**

Colour **Gray**

Main Material **ABS**

Product Weight **13.45 lbs / 6.1 kg**

Product Dimensions **9.45x9.45x20 inches / 240x240x510mm**

Image: Visual representation of the filter's dimensions and key specifications.

## WARRANTY AND SUPPORT

This VEVOR Aquarium Filter is covered by a **1-Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use.

For technical support, warranty claims, or replacement parts, please contact VEVOR customer service through their official website or the retailer where the product was purchased. Please have your model number (Aquarium Filter 528GPH) and purchase date available when contacting support.