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> VIVOHOME Pressurized Biological Pond Filter, 1840GPH Instruction Manual

VIVOHOME VH536

VIVOHOME Pressurized Biological Pond Filter Instruction Manual

Model: VH536
Brand: VIVOHOME

1. PRODUCT OVERVIEW

The VIVOHOME Pressurized Biological Pond Filter is designed to maintain clear and healthy water in your pond. It features multi-stage filtration and an integrated UV sterilizer to effectively remove suspended particles, organic substances, and reduce water pollution.



Figure 1: VIVOHOME Pressurized Biological Pond Filter (Model VH536)

This image shows the main unit of the VIVOHOME Pressurized Biological Pond Filter, a black cylindrical device with blue and black connectors on top, and a blue crank handle for cleaning.

Key Features:

- **Premium Material:** Constructed from strengthened ABS material for durability and resistance to sunlight, water, and aging.

- **Great Filtration:** Incorporates four built-in filter sponges to remove suspended particles, sediments, and organic substances. An internal 13W UV lamp helps reduce water pollution.
- **Easy to Operate:** Simple setup and quick operation. A function switch allows changing between filtered water output and sewage drainage.
- **Superior Performance:** Achieves a maximum flow-through of up to 7000L/H (1840GPH), suitable for ornamental ponds of 1600-2100 Gallons and fish ponds of 800-1000 Gallons.
- **Convenient to Maintain:** Features a crank handle for internal cleaning of the filter without opening the container. Sponges and UV lamp are replaceable.

2. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your pond filter. Please follow these steps carefully.

2.1 Unpacking and Component Check

Before installation, ensure all components are present and undamaged. Refer to the product packaging for a complete list of contents.

2.2 Connecting Water Pipes

The filter includes three sizes of adapters (3/4", 1", and 1 1/4") to accommodate various pipe sizes. Select the appropriate adapter for your pond pump and return line.

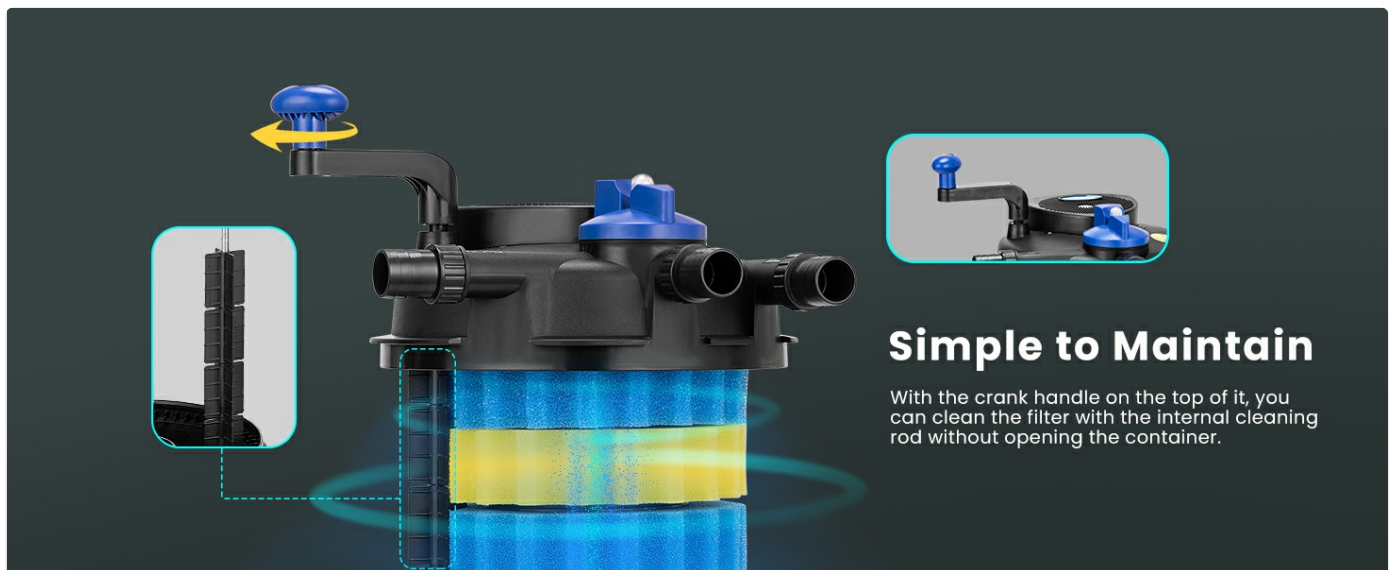


Figure 2: Water Pipe Adapters

This image displays the three different sizes of water pipe fittings (32mm, 25mm, 20mm) provided with the filter, along with a note about sealing unused outlets.

Connect the inlet hose from your pond pump to the designated inlet port on the filter. Connect the outlet hose from the filter to your pond's return. Ensure all connections are secure to prevent leaks.

Connection Mode

The whole process of filtering

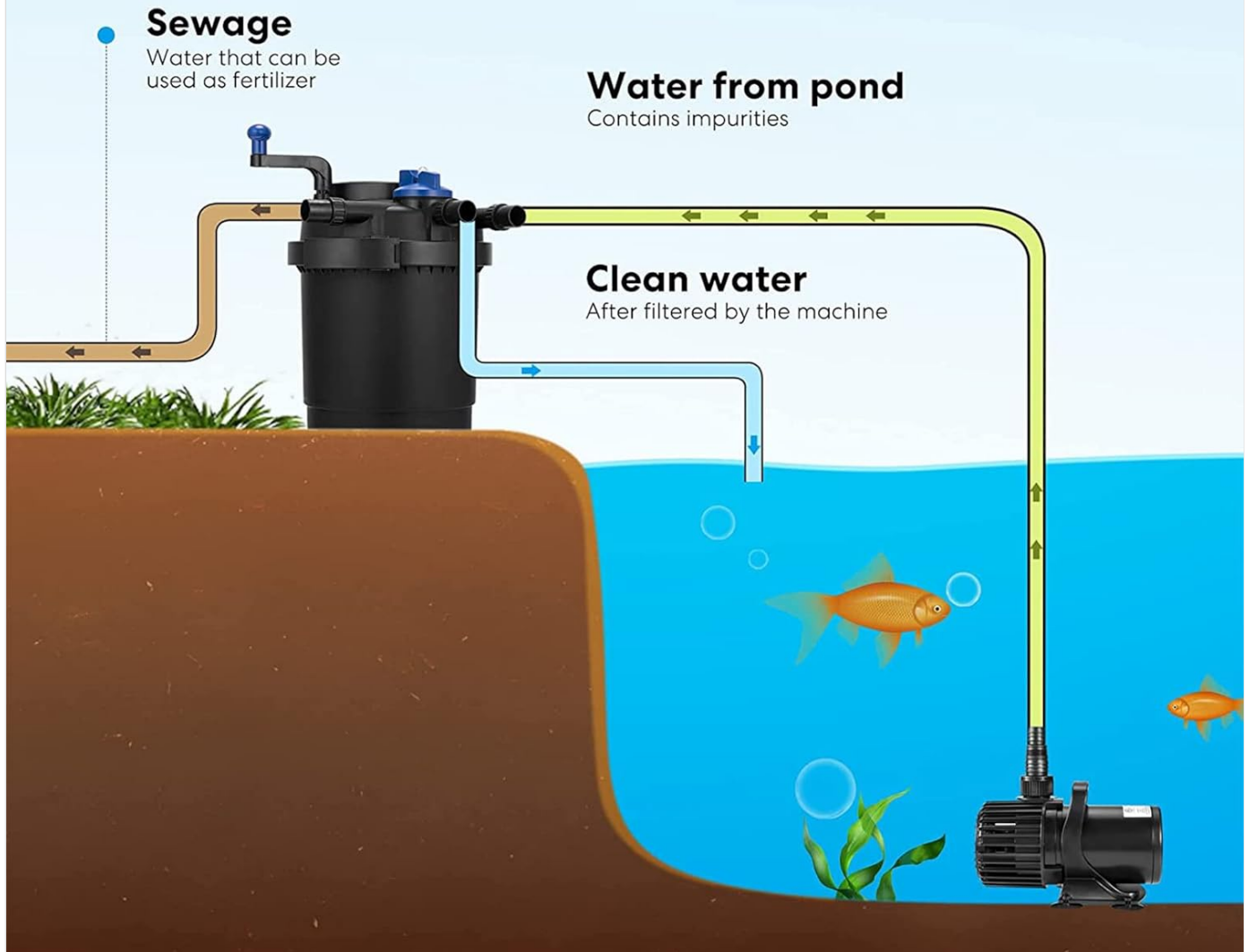


Figure 3: Connection Mode Diagram

This diagram illustrates the typical connection setup: water from the pond is pumped into the filter, filtered water returns to the pond, and sewage can be diverted for drainage.

2.3 Placement

Place the filter on a stable, level surface near your pond. Ensure it is easily accessible for maintenance. The filter should be positioned so that the water flow from your pump can reach it efficiently.

2.4 Electrical Connection

WARNING: Always connect the filter to a Ground Fault Circuit Interrupter (GFCI) outlet to prevent electrical hazards, especially when operating near water.

Plug the filter's power cord into a suitable GFCI-protected electrical outlet. Ensure the power cord is not damaged or pinched.

2.5 Initial Start-up

Once all connections are secure and the filter is properly placed, turn on your pond pump. Allow water to fill the filter unit completely before turning on the filter's power. Check for any leaks immediately after starting the pump.



Figure 4: Super Easy Setup Steps

This visual guide shows the four simple steps for setting up the filter: assembling internal components, placing them inside the unit, securing the lid, and connecting hoses.

3. OPERATING INSTRUCTIONS

The VIVOHOME pond filter is designed for continuous operation to maintain water clarity. The function switch on top allows for easy mode changes.

3.1 Normal Filtration Mode

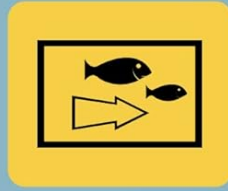
In normal operation, water flows from your pond pump through the filter, where it undergoes mechanical and biological filtration, and is exposed to the UV lamp before returning to the pond. Ensure the function switch is set to the filtration position (typically indicated by a fish icon or similar).

SIMPLICITY OF OPERATOR

Turntable can be rotated to the sewage and drainage



Water inlet



Drainage outlet



Sewage exit



Figure 5: Simplicity of Operator - Function Switch

This image highlights the function switch on the filter's top, showing icons for water inlet, drainage outlet, and sewage exit, indicating how to rotate the turntable to change modes.

3.2 UV Sterilizer Operation

The built-in 13W UV lamp operates continuously when the filter is powered on. This UV light helps to reduce water pollution by eliminating free-floating algae and harmful microorganisms, contributing to a healthier pond environment.



Figure 6: Efficient Filtration with 13W UV Lamp

This image shows a cutaway view of the filter, highlighting the yellow and blue filter sponges and the central 13W UV lamp, emphasizing its role in reducing water pollution and diseases.

CAUTION: Do not look directly at the UV lamp when it is operating, as UV radiation can be harmful to eyes and skin.

4. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your VIVOHOME pond filter.

4.1 Cleaning the Filter Sponges

The filter is equipped with a convenient crank handle for cleaning the internal sponges without disassembling the unit. When the orange cleaning indicator floats up, it signifies that the filter sponges require cleaning.

CONVENIENT TO CLEAN

No need to disassemble when cleaning



Easy operation

HQ

High quality material



Figure 7: Convenient to Clean - Crank Handle

This image shows the blue crank handle on top of the filter, with arrows indicating its rotation for cleaning, emphasizing that no disassembly is needed.



Figure 8: Cleaning Indicator

This image highlights the orange indicator that rises when the filter sponges need cleaning.

To clean: Rotate the crank handle to agitate the sponges. Switch the function to "sewage exit" to drain the dirty water. Continue rotating the handle until the water runs clear. Remember to switch back to the filtration position after cleaning.

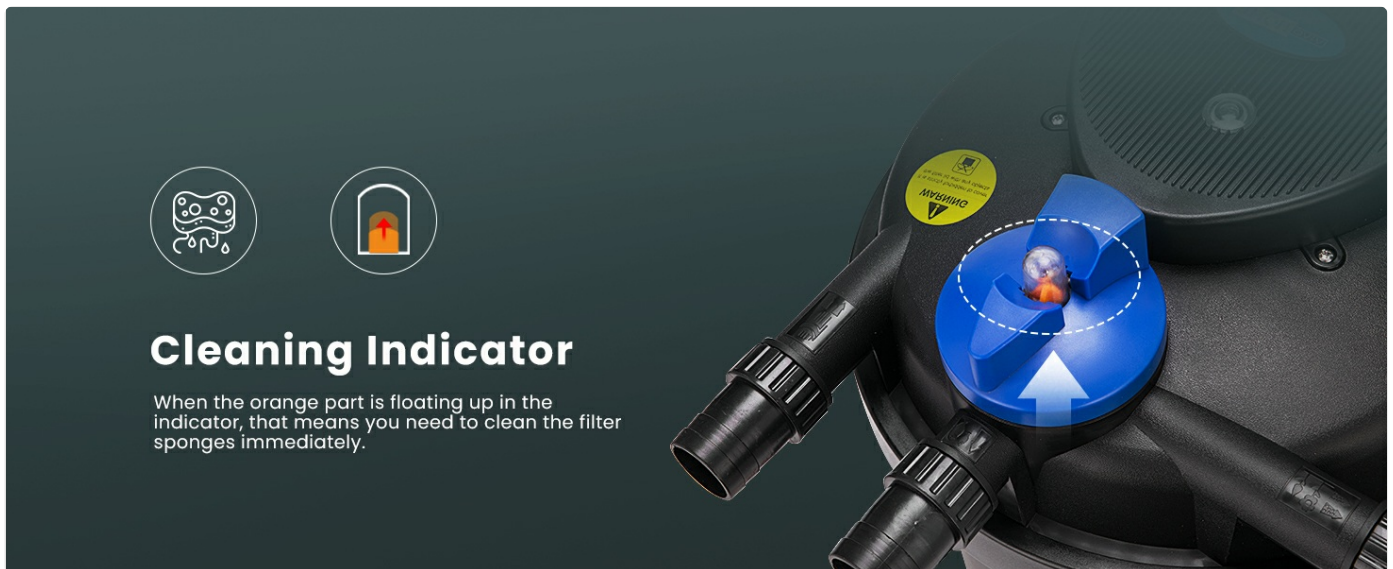


Figure 9: Simple to Maintain - Internal Cleaning Rod

This image illustrates the internal cleaning rod mechanism, showing how rotating the crank handle cleans the filter sponges without opening the unit.

4.2 Replacing Filter Sponges and UV Lamp

The filter sponges and UV lamp are replaceable components. Refer to the product manual or VIVOHOME's official website for specific replacement part numbers and detailed instructions on how to access and replace them. It is recommended to replace the UV lamp annually for optimal performance.

PREMIUM FILTER SPONGES

Sponges can be removed and washed or replaced



Sponge cleaning indicator
Orange rising sponge needs cleaning



**Ultraviolet
sterilization**



Figure 10: Premium Filter Sponges

This image shows the layered yellow and blue filter sponges inside the unit, along with a UV sterilization icon, indicating their role in filtration and the UV lamp's function.



Figure 11: Replaceable Sponges

This image shows the filter unit with water splashing, emphasizing the four replaceable sponges (30 PPI and 25 PPI) that facilitate water flow and keep the pond clean.

5. TROUBLESHOOTING

If you encounter issues with your VIVOHOME pond filter, refer to the common problems and solutions below.

Problem	Possible Cause	Solution
Reduced Water Flow	Clogged filter sponges; Pump issue; Kinked hose.	Clean filter sponges using the crank handle. Check pond pump for blockages. Inspect hoses for kinks or obstructions.
Pond Water Remains Cloudy	Filter sponges are dirty; UV lamp is not working or needs replacement; Pond is too large for filter capacity; Excessive organic load.	Clean filter sponges. Check UV lamp indicator; replace if necessary. Ensure filter capacity matches pond size. Reduce fish feeding or remove excess debris.
Water Leaking from Filter	Loose hose connections; Damaged O-rings or seals; Cracked housing.	Tighten all hose connections. Inspect O-rings and seals for damage and replace if needed. If housing is cracked, contact customer support.
UV Lamp Not Lighting Up	Lamp burnt out; Electrical connection issue; Ballast failure.	Check power connection. Replace UV lamp. If still not working, contact customer support for ballast issues.

If the problem persists after attempting these solutions, please contact VIVOHOME customer support for further assistance.

6. SPECIFICATIONS

Detailed technical specifications for the VIVOHOME Pressurized Biological Pond Filter (Model VH536).

Product Dimensions: 12.2 x 12.2 x 19.4 inches

Item Weight: 12.1 pounds

Manufacturer: VIVOHOME

Model Number: VH536

Maximum Flow-Through: 7000 L/H (1840 GPH)

Suitable Pond Size (Ornamental): 1600-2100 Gallons

Suitable Pond Size (Fish/Koi): 800-1000 Gallons

UV Lamp Power: 13W

Material: Strengthened ABS

Adapter Sizes: 3/4", 1", 1 1/4"

PRODUCT SPECIFICATION:

PACKAGE DIMENSIONS: 13.8*13.4*21.3IN

PRODUCTS DIMENSIONS: 15.2LBS



Figure 12: Product Specification Diagram

This diagram provides key dimensions of the filter unit (19.4" height, 12.2" width) and highlights the maximum flow-through rate of 7000 L/H.

7. OFFICIAL PRODUCT VIDEO

Watch the official VIVOHOME product video for a visual guide on the features and benefits of the Bio Pressure Pond

Filter.

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Video 1: VIVOHOME Bio Pressure Pond Filter with 13-watt UV Sterilizer Light

This video provides an overview of the VIVOHOME Bio Pressure Pond Filter, showcasing its features, filtration process, and the integrated 13-watt UV sterilizer light.

8. WARRANTY AND SUPPORT

VIVOHOME products are designed for quality and reliability. For warranty information, product registration, or technical support, please visit the official VIVOHOME website or contact their customer service directly.

VIVOHOME Official Website: [VIVOHOME Store on Amazon](#)

Please have your model number (VH536) and purchase date ready when contacting support.