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› POPOSOAP Pond Filter with Pump Fountain Kits User Manual

POPOSOAP PF-S104

POPOSOAP Pond Filter with Pump Fountain Kits User Manual

Model: PF-S104

INTRODUCTION

The POPOSOAP Pond Filter with Pump Fountain Kit (Model PF-S104) is an integrated system designed to maintain a healthy, clean, and clear aquatic environment in outdoor ponds. This multi-functional unit combines filtration, water circulation, and aesthetic fountain features, protecting pond pumps from debris and ensuring optimal conditions for aquatic life.

Key features include:

- Integrated filtration system to keep water healthy and clear.
- Built-in 660 GPH energy-efficient pond pump.
- Fountain kit with three waterspray nozzles for aesthetic display and aeration.
- Ability to run two water features simultaneously (fountain and secondary outlet).
- Easy access and maintenance with quick-release clips.
- Premium filter materials including filter sponges, filter-balls, and bio ceramic rings for enhanced water clarity.

SAFETY INFORMATION

Please read all safety instructions carefully before operating the device. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always disconnect the power supply before performing any maintenance or cleaning.
- Ensure the power cord is not damaged or pinched. Do not operate with a damaged cord or plug.
- This product is designed for outdoor pond use. Do not use it for purposes other than its intended use.
- Keep children and pets away from the pond area during operation and maintenance.
- Ensure the electrical outlet is a grounded, GFCI (Ground Fault Circuit Interrupter) protected outlet.
- Do not lift or carry the pump by its power cord.

- Operate the pump only when fully submerged in water.
- Protect the unit from freezing temperatures. Remove and store indoors during winter if temperatures drop below freezing.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x Filter box
- 1 x 660 GPH pond pump
- 1 x Fountain kit with nozzles & diverter valve
- 2 x Filter Pads (coarse and fine)
- Filter-Balls & Bio Ceramic Rings
- 3 x Outlet connectors
- 1 x User Manual



PRODUCT OVERVIEW AND COMPONENTS

The POPOSOAP Pond Filter system is designed for efficient water purification and aesthetic enhancement. Understanding its main components is crucial for proper setup and maintenance.



Image: Diagram illustrating the multi-filtration design, showing the filter box with sloped lid, nozzle extension tube, bio-balls, ceramic rings, coarse black filter, fine blue filter, 660GPH pond pump, 3 fountain nozzles, and diverter valve.

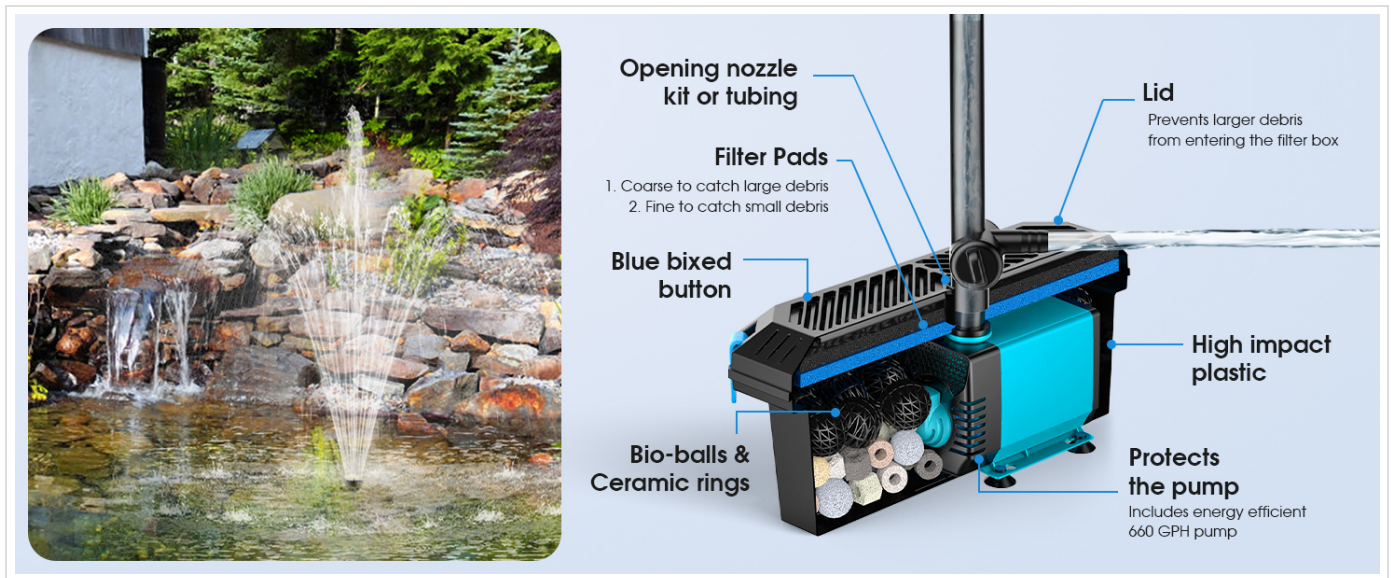


Image: Detailed diagram of the filter system, highlighting the lid, filter pads (coarse and fine), blue fixed button, bio-balls & ceramic rings, high impact plastic casing, and the pump, emphasizing its protective function.

The system includes a robust filter box housing the pump and various filter media. The pump draws water into the box, where it passes through mechanical and biological filtration stages. The fountain kit attaches to the pump's outlet, allowing for adjustable water features.

SETUP INSTRUCTIONS

1. **Prepare the Filter Box:** Open the filter box by releasing the blue clips on the sides.

Easy to Use & Widely Used

Easy maintenance, no tools needed



Image: Hands wearing gloves inserting the blue filter pad into the filter box, demonstrating easy access for maintenance.

2. **Install Filter Media:** Place the provided filter pads, filter-balls, and bio ceramic rings inside the filter box. Ensure they are arranged to allow water flow through them.
3. **Position the Pump:** Place the 660 GPH pond pump inside the filter box, ensuring it is securely seated.
4. **Attach Fountain Kit:** Connect the nozzle extension tube to the pump's outlet. Select your desired fountain nozzle (e.g., sprinkler, dome) and attach it to the top of the extension tube.

Two Functions Filter Kit

Switching between fountain or pumping at will



Image: Diagram showing the two functions of the filter kit: fountain mode with nozzle kit connected, and pump mode with a hose connected to the diverter valve for an additional water feature.

5. **Connect Secondary Water Feature (Optional):** If you wish to run a secondary water feature (e.g., waterfall, external filter), connect a hose to one of the 3 additional outlet connectors on the diverter valve. The diverter valve allows simultaneous operation of the fountain and a secondary outlet.
6. **Close the Filter Box:** Securely close the lid of the filter box using the blue clips.
7. **Placement in Pond:** Submerge the entire filter unit in your pond. Ensure it is placed on a stable, level surface and is fully underwater. The fountain nozzle should extend above the water surface to create the desired effect.
8. **Power Connection:** Plug the power cord into a grounded, GFCI-protected electrical outlet.

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Video: Official POPOSOAP video demonstrating the setup and operation of the pond filter with fountain pump kit for outdoor ponds.

OPERATING INSTRUCTIONS

Adjusting Fountain Height and Spray Patterns

The fountain height and spray patterns can be adjusted to suit your pond's depth and aesthetic preferences.

- **Adjusting Height:** The nozzle extension tube is adjustable. Loosen the locking mechanism (if present) and slide the tube up or down to achieve the desired height. Secure the mechanism once adjusted.



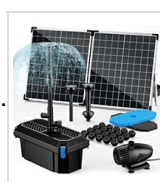
The fountain pipe can be adjusted from a minimum height of 21.26 inches to a maximum height of 39.37 inches.

- **Changing Nozzles:** The kit includes three different waterspray nozzles. To change, simply unscrew the current nozzle and screw on the desired one.



Image: Examples of three different water patterns achievable with the included nozzles: a dome fountain, a multi-jet spray, and a tiered spray.

- **Adjusting Water Flow/Spray Size:** The diverter valve includes a flow control knob. Rotate this knob to adjust the water flow rate and the size of the fountain spray.



The adjustable knob on the diverter valve allows customization of spray size and water flow.

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MAINTENANCE

Regular maintenance is essential to ensure the longevity and optimal performance of your POPOSOAP Pond Filter system. Always disconnect power before maintenance.

1. **Filter Cleaning:**

- Frequency: Clean the filter pads and media regularly, especially during periods of heavy debris or cloudy water. Initial cleaning may be more frequent.
- Access: Release the blue clips on the filter box lid to open it.
- Cleaning: Remove the filter pads and rinse them thoroughly with pond water (not tap water, to preserve beneficial bacteria). Clean the bio-balls and ceramic rings by gently swishing them in a bucket of pond water.
- Reassembly: Place the cleaned media back into the filter box and secure the lid.

2. **Pump Cleaning:**

- Periodically inspect the pump's impeller for blockages from debris or algae.
- Remove any accumulated debris to ensure unrestricted water flow.

3. **Winterization:**

- In regions with freezing temperatures, remove the entire unit from the pond before winter.
- Clean all components thoroughly and store them in a frost-free location.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump not running / No water flow	No power; clogged impeller; pump not submerged; damaged cord.	Check power connection and GFCI. Disconnect power, clean impeller. Ensure pump is fully submerged. Inspect cord for damage.
Weak water flow / Fountain not strong	Clogged filter media; clogged nozzle; low water level; kinked hose (if secondary feature used).	Clean filter pads and media. Clean fountain nozzle. Add water to the pond. Check and straighten hoses.
Pond water remains cloudy	Filter media needs cleaning or replacement; pond is too large for filter; excessive organic load.	Clean or replace filter media. Ensure filter capacity matches pond size. Reduce fish feeding, remove excess debris.
Fountain appears crooked	Unit not level; fountain tube not properly seated.	Ensure the filter box is placed on a flat, stable surface. Re-seat the fountain tube firmly.
Missing or ill-fitting parts	Packaging error; incorrect assembly.	Verify all parts against the "Package Contents" list. If parts are missing or do not fit, contact customer support.

SPECIFICATIONS

Attribute	Value
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Attribute	Value
Brand	POPOSOAP
Model Number	PF-S104
Power Source	Corded Electric
Voltage	110 Volts
Wattage	40 watts
Maximum Flow Rate	660 GPH (2500 Liters Per Hour)
Maximum Lifting Height	8.2 Feet
Product Dimensions (L x W x H)	12.8" x 6.5" x 5.43"
Item Weight	4.05 pounds
Material	Plastic

WARRANTY AND SUPPORT

This POPOSOAP product comes with a **1-Year Warranty** from the date of purchase, ensuring quality and performance. We are committed to 100% Satisfaction Guarantee.

For technical support, warranty claims, or any questions regarding your product, please contact POPOSOAP customer service:

- **Email:** support@poposoap.com (Example email, replace with actual if available)
- **Website:** Visit the official POPOSOAP store on Amazon for FAQs and additional resources:[POPOSOAP Store](#)

Please have your model number (PF-S104) and purchase date ready when contacting support.