

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

Manuals.plus /

- › [BAITAI](#) /
- › BAITAI πF-8828 1200L/H UV Internal Aquarium Filter Instruction Manual

BAITAI πF-8828

BAITAI πF-8828 1200L/H UV Internal Aquarium Filter

Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your BAITAI πF-8828 1200L/H UV Internal Aquarium Filter. This 5-in-1 filter is designed to provide comprehensive water treatment for freshwater and saltwater aquariums ranging from 120 to 400 liters, ensuring a clean and healthy environment for aquatic life.



Image: Visual demonstration of water clarity improvement from cloudy to crystal clear after filter use.

SAFETY INSTRUCTIONS

- Always disconnect the power supply before performing any maintenance, installation, or cleaning.
- Ensure the filter is fully submerged in water during operation. Running dry can damage the motor.
- Do not operate the filter if the power cord or plug is damaged.
- This appliance is for indoor use only and intended for aquariums.
- Keep out of reach of children.
- The UV lamp inside the filter emits ultraviolet radiation. Do not attempt to open the UV housing or look directly at the UV light when it is active, as this can cause eye and skin damage. The UV lamp is sealed within a protective housing for safe operation.

PRODUCT FEATURES

The BAITAI πF-8828 filter offers a 5-in-1 functionality for comprehensive aquarium water management:

One Filter, Five Functions



Filtration



Sterilization



Waterfall



Circulation



Oxygenation



Image: Overview of the filter's five functions.

- **Filtration:** Mechanical filtration removes particulate matter.
- **Circulation:** Ensures even water distribution throughout the aquarium.
- **Sterilization:** Integrated UV light helps control algae and harmful bacteria.
- **Oxygenation:** Includes an aeration feature to increase dissolved oxygen levels.
- **Waterfall:** A spray bar attachment creates a gentle waterfall effect, aiding in surface agitation and gas exchange.

The filter incorporates a dual filtration system with a sealed UV unit:

Dual Filtration + Sealed U-V System



Image: Internal structure showing dual filtration and UV system.

- **Sponge Filtration:** The filter sponge traps debris and provides a surface for beneficial bacteria to colonize, contributing to biological filtration.
- **Sealed UV System:** A submersible UV light, housed within a sealed protective casing, effectively removes algae and odors, leading to crystal-clear water. Normal condensation inside the UV housing is expected due to temperature differences and is not a sign of leakage.

SETUP AND INSTALLATION

1. **Unpack Components:** Carefully remove all parts from the packaging. Inspect for any damage.
2. **Assemble Filter:** Ensure the filter sponges are correctly placed around the UV tube/bulb within the filter housing.
3. **Attach Accessories:** Connect the desired outlet accessories, such as the spray bar or aeration nozzle, to the filter's outlet.
4. **Position Filter:** Submerge the filter completely in your aquarium. Use the provided suction cups to securely attach the filter to the inside wall of the aquarium. Ensure the filter is positioned to allow for optimal water circulation.

5. **Connect Power:** Once the filter is securely installed and fully submerged, connect the power plug to a suitable electrical outlet.

OPERATING INSTRUCTIONS

The BAITAI πF-8828 features a smart UV timer control for managing the UV sterilization function.



Image: Smart UV Timer Control Panel.

- **Power On/Off:** Press the main power button (usually marked with a power symbol) to turn the filter and UV light on or off.
- **Set UV Timer:** Use the dedicated buttons (4H, 8H, 12H, 24H) on the control panel to set the desired operating duration for the UV light. The UV light will automatically turn off after the selected time.
- **Power-Off Memory:** The timer control features a power-off memory function, which means it will resume the last selected UV timer setting after a power interruption.
- **Continuous Operation:** If no timer is set, the UV light will operate continuously when the filter is powered on.

MAINTENANCE

Regular cleaning and maintenance are crucial for the optimal performance and longevity of your filter.



Image: Tool-free cleaning process.

1. **Disconnect Power:** Always unplug the filter from the power outlet before beginning any cleaning.
2. **Disassemble Filter:** Gently remove the filter from the aquarium. Twist or unclip the filter housing to separate its components.
3. **Clean Filter Sponges:** Remove the filter sponges. Rinse them thoroughly with old aquarium water (from a water change) to preserve beneficial bacteria. Avoid using tap water directly, as chlorine can kill these bacteria. Squeeze the sponges to remove trapped debris.
4. **Clean UV Quartz Sleeve:** Carefully clean the quartz sleeve surrounding the UV lamp. Use a soft cloth to remove any algae or mineral deposits. Do not use abrasive cleaners.
5. **Inspect UV Lamp:** Periodically inspect the UV lamp for signs of wear or reduced effectiveness. UV lamps typically need replacement every 6-12 months, depending on usage. (Replacement bulbs are sold separately).
6. **Clean Impeller:** Remove the impeller and clean any debris that may have accumulated around it.
7. **Reassemble and Reinstall:** Reassemble all parts of the filter, ensuring they are securely fitted. Place the filter back into the aquarium and reconnect the power.

TROUBLESHOOTING

- **Filter Not Running:**

- Check if the power cord is securely plugged in.
- Ensure the power outlet is functional.
- Inspect the impeller for blockages or damage. Clean if necessary.

- **Reduced Water Flow:**

- Filter sponges may be clogged. Clean or replace them.
- Check the intake and outlet for obstructions.
- Ensure the impeller is clean and spinning freely.

- **Cloudy Water Persists:**

- Ensure the UV light is operating for the recommended duration (e.g., 4-8 hours daily).
- Perform a partial water change.
- Check if filter media needs cleaning or replacement.
- Verify the filter is appropriately sized for your tank (refer to specifications).

- **Unusual Noise:**

- Disconnect power and check the impeller for any foreign objects or damage.
- Ensure the filter is securely mounted and not vibrating against the tank glass.
- Air trapped inside the filter can cause noise; gently tilt the filter to release air bubbles.

SPECIFICATIONS

Choose the Right Size for Your Aquarium



Model	πF-8808	πF-8818	πF-8828	πF-8838
Flow Rate	500 L/H	800 L/H	1200 L/H	1800 L/H
Pump Power	8W	12W	18W	25W
Recommended Tank Size	50-125L	80-267L	120-400L	180-600L

Image: Model comparison table.

Feature	Detail
Model Number	πF-8828
Flow Rate	1200 L/H
Pump Power	18W
Recommended Tank Size	120-400 Liters
Dimensions (Shipping)	35.2 x 11.8 x 11.7 cm
Item Weight	970 grams
Specific Uses	Freshwater, Saltwater Aquarium, Ornamental Fish, Turtles, Algae Control, Water Clarification, Ventilation, Water Circulation
Color	Black

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact your retailer.
Keep your purchase receipt as proof of purchase.

© 2026 BAITAI. All rights reserved.