TARARIUM JQP-1500F

TARARIUM JQP-1500F Submersible Aquarium Filter and Wave Maker

Instruction Manual

Introduction

This manual provides instructions for the installation, operation, and maintenance of your TARARIUM JQP-1500F Submersible Aquarium Filter and Wave Maker. This unit is designed to provide efficient 3-stage filtration, water circulation, and wave-making capabilities for aquariums, small ponds, and fountains ranging from 75 to 200 gallons. Proper use and maintenance will ensure optimal performance and longevity of the product.

Safety Information

- Always disconnect the power supply before performing any maintenance, installation, or cleaning.
- Ensure the power cord is not damaged or pinched. Do not operate the unit with a damaged cord.
- This appliance is designed for submersible use only. Do not operate it dry.
- Ensure the voltage rating on the product matches your local power supply.
- Keep out of reach of children.
- Do not use this appliance for purposes other than its intended use.

Product Components

The TARARIUM JQP-1500F filter system consists of the following main components:

- Pump Head Unit (Motor)
- Filter Boxes (Multiple stages, transparent)
- Filter Sponges (Mechanical and Biological filtration media)
- Water Outlet Nozzle (for water flow and wave making)
- Air Supply Tube and Adjustable Nozzle (for aeration)
- Power Cord



Image: Disassembled components of the TARARIUM JQP-1500F filter, showing the pump head, filter boxes, sponges, and various nozzles and tubes.

Setup Instructions

1. **Assemble Filter Boxes:** Ensure the filter sponges are correctly placed within the transparent filter boxes. Stack the filter boxes and securely attach them to the pump head unit.
2. **Connect Water Outlet:** Attach the desired water outlet nozzle to the pump head. This nozzle directs the filtered water back into the tank and can be adjusted for wave-making effects.
3. **Connect Air Supply (Optional):** If aeration is desired, connect the air supply tube to the designated port on the pump head. The other end of the tube should remain above the water surface. An adjustable nozzle is provided to control air intake.
4. **Position the Filter:** Submerge the entire filter unit into your aquarium, pond, or fountain. The unit should be fully underwater. Use the suction cups on the pump head to secure it to the side of the tank or pond.
5. **Power Connection:** Once the filter is securely placed and fully submerged, connect the power cord to a suitable electrical outlet. Ensure your hands are dry before handling electrical connections.



Image: A diagram illustrating the dimensions of the filter unit and the two types of nozzles for water pumping and air supply, along with the power cord length.



Image: A close-up view of the air supply tube connected to the filter, showing the adjustable nozzle for controlling air intake and bubble generation.

Operating Instructions

Once installed and powered on, the filter will begin operating. The JQP-1500F offers multiple functions:

- **Filtration:** Water is drawn into the filter boxes, passing through the multi-stage sponges to remove debris and provide biological filtration.
- **Water Circulation:** The pump circulates water at a rate of 400 gallons per hour (GPH), ensuring even distribution of filtered water throughout the tank.
- **Wave Making:** The powerful water flow can be directed to create a wave effect, which helps oxygenate the water and provides beneficial movement for aquatic life. Adjust the water outlet nozzle direction to achieve the desired wave pattern.
- **Air Supply:** If the air supply tube is connected, the filter will introduce air bubbles into the water, further enhancing oxygenation. The adjustable nozzle allows control over the amount of air.
- **Water Pumping:** The unit can also be used for general water pumping tasks, such as draining or filling the tank, by connecting a hose to the appropriate nozzle.



Image: A composite image demonstrating the filter's capabilities, including wave generation, air supply, water circulation, and its use for water pumping.



Image: The TARARIUM filter operating as a submersible pump, demonstrating its versatility beyond just filtration.

Maintenance

Regular cleaning of your filter is essential for maintaining water quality and the lifespan of the unit. The transparent filter boxes allow for easy visual inspection of the filter media's cleanliness.

1. **Disconnect Power:** Always unplug the filter from the power outlet before attempting any maintenance.
2. **Remove Filter:** Carefully remove the filter unit from the water.
3. **Disassemble:** Separate the pump head from the filter boxes. Remove the filter sponges from the boxes.
4. **Clean Sponges:** Rinse the filter sponges thoroughly with old aquarium water (from a water change) or dechlorinated tap water. Avoid using untreated tap water as it can kill beneficial bacteria. Gently squeeze the

sponges to remove accumulated debris.

5. **Clean Filter Boxes and Pump Head:** Rinse the transparent filter boxes and the pump head unit with water. Use a soft brush if necessary to remove any stubborn residue. Ensure the impeller in the pump head is free of obstructions.
6. **Reassemble:** Place the cleaned sponges back into the filter boxes, ensuring they are properly seated. Reattach the filter boxes to the pump head unit.
7. **Reinstall:** Submerge the reassembled filter unit back into the water and secure it.
8. **Reconnect Power:** Plug the filter back into the power outlet.

Frequency: The frequency of cleaning depends on the bioload of your tank. Visually inspect the filter sponges through the transparent boxes. When they appear visibly dirty, it is time for cleaning.



Image: A side-by-side comparison showing the filter sponges before and after cleaning, highlighting the effectiveness of maintenance.



Image: A detailed view of the filter sponges, illustrating their texture and design for effective mechanical and biological filtration.



Image: A close-up of the transparent filter box, demonstrating how the water level and cleanliness of the media can be visually monitored.

Troubleshooting

Problem	Possible Cause	Solution
Filter not running	No power; Impeller jammed; Air lock	Check power connection; Disconnect power, clean impeller; Ensure unit is fully submerged and free of air bubbles.
Reduced water flow	Clogged filter media; Impeller dirty; Outlet nozzle obstructed	Clean filter sponges; Clean impeller; Clear any obstructions from the outlet nozzle.
Excessive noise	Impeller obstructed or worn; Air in pump; Unit not securely placed	Disconnect power, clean impeller; Ensure unit is fully submerged and free of air; Securely attach unit with suction cups.
Water not clear	Filter media saturated; Insufficient filtration for tank size; Overfeeding	Clean or replace filter media; Ensure filter is appropriate for tank size; Adjust feeding habits.

Specifications

- **Model:** JQP-1500F
- **Flow Rate:** 400 Gallons Per Hour (GPH)
- **Recommended Tank Size:** 75-200 Gallons
- **Filtration Stages:** 3-stage deep filtration
- **Power Cord Length:** Approximately 4.5 feet
- **Item Weight:** 2.07 pounds
- **Dimensions (L x W x H):** 16.54 x 4.76 x 3.23 inches (Item Package Dimensions)

Warranty and Customer Support

This TARARIUM product comes with a **180-day warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product functions as intended under normal use.
For any questions, concerns, or warranty claims, please contact TARARIUM customer service. Please have your purchase details and product model number (JQP-1500F) available when contacting support for faster assistance.

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