TUNAI WP-328H

TUNAI WP-328H Internal Aquarium Filter Instruction Manual

MODEL: WP-328H

1. Product Overview

The TUNAI WP-328H is a completely submersible internal filter designed for use in both fresh and marine water aquariums. Its primary function is to maintain a healthy aquatic environment by effectively removing impurities and ensuring a balanced ecosystem within the tank. This compact filter maximizes aquarium space while providing comprehensive filtration.



Image 1.1: Front view of the TUNAI WP-328H internal aquarium filter, showcasing its compact design and suction cups for secure placement.

2. Safety Instructions

Please read all instructions carefully before operating the filter. Failure to follow these instructions may result in damage or injury.

- Always disconnect the power supply before performing any maintenance, installation, or removal of the filter.
- Ensure the voltage and frequency of your power supply match the specifications of the filter (AC 220-240V, 50/60Hz).
- Do not operate the filter dry. It must be fully submerged in water during operation.
- Regularly inspect the power cord and plug for any damage. Do not use if damaged.
- Keep the filter and its electrical connections away from children and pets.
- This appliance is for indoor use only and intended for aquarium use.

3. Components

The WP-328H internal filter consists of a motor unit, a filter media compartment, and suction cups for attachment to the aquarium wall. The design allows for easy access to the filter sponge for cleaning.



Image 3.1: A detailed view of the TUNAI WP-328H filter, illustrating its main body and the top water outlet.

4. Specifications

The following are the technical specifications for the TUNAI WP-328H internal filter:

- **Model:** WP-328H
- **Voltage:** AC 220-240V
- **Frequency:** 50/60Hz
- **Wattage:** 8W
- **Maximum Flow Rate (F.Max):** 500L/H

- **Product Dimensions:** Approximately 10 x 5 x 5 cm
- **Item Weight:** 850 g



Image 4.1: Visual representation of the WP-328H filter's key specifications, including model, voltage, frequency, wattage, and flow rate.

5. Installation Guide

Follow these steps for proper installation of your internal filter:

1. **Unpack:** Carefully remove the filter from its packaging and inspect for any damage.
2. **Rinse:** Rinse the filter unit and all its components, especially the filter sponge, thoroughly with clean water (preferably dechlorinated aquarium water) before first use. Do not use soap or detergents.
3. **Attach Suction Cups:** Ensure the suction cups are securely attached to the filter body.
4. **Submerge:** Place the filter completely inside the aquarium, ensuring it is fully submerged in water.
5. **Position:** Press the suction cups firmly against the inside wall of the aquarium to secure the filter in place. Position it in an area that allows for good water circulation throughout the tank.

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

The filter will begin operating immediately, circulating and filtering the aquarium water.

6. Operation

The TUNAI WP-328H filter is designed for continuous operation to maintain optimal water quality. It operates quietly, minimizing disturbance to both aquatic life and your environment. The filter is suitable for both freshwater and saltwater aquarium setups.



Image 6.1: An illustration highlighting key features of the WP-328H filter, including easy maintenance, complete submersibility, and quiet operation.

7. Maintenance

Regular maintenance is crucial for the efficient operation and longevity of your filter, as well as for maintaining a healthy

aquarium environment. The WP-328H is designed for ease of maintenance.

Cleaning the Filter Sponge:

The filter sponge is responsible for absorbing dirt and debris, effectively cleaning the water. It should be cleaned regularly, typically every 1-2 weeks, depending on the bio-load of your aquarium.

1. **Disconnect Power:** Always unplug the filter from the power outlet before attempting any cleaning.
2. **Remove Filter:** Carefully remove the filter unit from the aquarium.
3. **Access Sponge:** Disassemble the filter to access the filter sponge compartment.
4. **Clean Sponge:** Rinse the filter sponge thoroughly with old aquarium water (water removed during a water change) or dechlorinated tap water. Avoid using harsh chemicals or tap water directly, as this can kill beneficial bacteria. Gently squeeze the sponge until clean.
5. **Inspect Impeller:** While disassembled, inspect the impeller for any debris or blockages. Clean if necessary.
6. **Reassemble:** Reassemble the filter components securely.
7. **Reinstall:** Place the filter back into the aquarium, ensuring it is fully submerged, and then reconnect the power.



Image 7.1: An illustration emphasizing the function of the filter sponge in absorbing dirt and its suitability for both fresh and marine water environments.

8. Troubleshooting

If you encounter issues with your TUNAI WP-328H filter, refer to the following common problems and solutions:

- **Filter Not Starting:**
  - Check if the power cord is securely plugged into the outlet.
  - Ensure the filter is fully submerged in water.
  - Disconnect power, remove the impeller cover, and check if the impeller is jammed by debris. Clean if necessary.
- **Reduced Water Flow:**
  - The filter sponge may be clogged. Perform routine cleaning as described in the Maintenance section.
  - Check the impeller for blockages or wear.
- **Excessive Noise:**
  - Ensure the filter is fully submerged and securely attached to the aquarium wall.
  - Check the impeller for debris or damage. A worn impeller can cause noise.
  - Verify that the filter housing is properly assembled.

If problems persist after attempting these solutions, please contact customer support.

9. Warranty and Support

For warranty information or technical support regarding your TUNAI WP-328H internal filter, please refer to the product packaging or contact TUNAI customer service directly. Keep your purchase receipt as proof of purchase.

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