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TRIXIE 87302

Trixie Aquarium Heater AH 302 100 Watts

INSTRUCTION MANUAL

Introduction

Thank you for choosing the Trixie Aquarium Heater AH 302 100 Watts. This instruction manual provides important information for the safe and efficient operation of your new aquarium heater. Please read it thoroughly before installation and keep it for future reference.

This heater is designed to maintain a stable temperature in your aquarium, suitable for both fresh and saltwater environments. Its robust construction ensures reliable performance.

Key Features

- Suitable for fresh and saltwater aquariums.
- Integrated dry-run protection for safety.
- Fully submersible design with a waterproof cap and safety glass.
- External control for easy and quick temperature regulation.
- Parallel heating elements ensure constant and even heat distribution.
- Indicator light to show active heating phases.

Safety Instructions

Always follow these safety guidelines to prevent injury or damage to the product and your aquarium inhabitants:

- Read all instructions before use.
- Ensure the heater is fully submerged in water before connecting it to a power source.
- Always unplug the heater and all other electrical devices in the aquarium before performing maintenance or handling the heater.
- Do not operate the heater if the cord or plug is damaged.
- Do not attempt to repair the heater yourself. Contact qualified personnel for service.
- Keep out of reach of children.
- Ensure a drip loop is formed with the power cord to prevent water from traveling along the cord and coming into contact with the electrical outlet.

- This appliance is for indoor use only.

Product Overview

The Trixie Aquarium Heater AH 302 consists of a durable glass tube housing the heating elements, protected by a perforated metal casing at the bottom. The top features a waterproof cap with an external control knob for temperature adjustment and an indicator light.



Image: Trixie Aquarium Heater AH 302 100 Watts. The image shows the heater vertically, with a black adjustable top, a clear section displaying temperature markings in Celsius and Fahrenheit, a red indicator bar, and an 'ON' light. The lower part of the heater is covered by a perforated metal guard.

- **Adjustable Control Knob:** Located at the top for setting desired temperature.
- **Temperature Scale:** Visible through the glass, showing both Celsius and Fahrenheit.
- **Indicator Light:** Illuminates when the heater is actively heating.
- **Protective Casing:** Perforated metal guard around the heating element.
- **Suction Cups:** For secure mounting inside the aquarium.

Setup

1. **Unpack:** Carefully remove the heater from its packaging. Inspect for any damage.
2. **Placement:** Mount the heater vertically or diagonally in an area of good water circulation within your aquarium. Use the provided suction cups to secure it firmly to the aquarium glass. Ensure it is fully submerged.
3. **Initial Temperature Setting:** Before plugging in, set the desired temperature using the adjustable control knob. A common starting point for tropical fish is 24-26°C (75-79°F).
4. **Power Connection:** Create a drip loop with the power cord. Plug the heater into a suitable electrical outlet.
5. **Acclimatization:** Allow the heater to operate for at least 24 hours before making any further temperature adjustments. Use a separate aquarium thermometer to monitor the water temperature accurately.

Operating Instructions

Once installed and powered, the heater will automatically regulate the water temperature to your set point.

- **Temperature Adjustment:** To change the temperature, gently turn the control knob at the top of the heater. Turn clockwise to increase temperature, counter-clockwise to decrease. Make small

adjustments and allow several hours for the water temperature to stabilize before making further changes.

- **Indicator Light:** The "ON" indicator light will illuminate when the heater is actively heating the water. It will turn off once the set temperature is reached and will cycle on and off to maintain the temperature.
- **Monitoring:** Regularly check the aquarium water temperature with a reliable thermometer to ensure the heater is functioning correctly and maintaining the desired temperature.

Maintenance

Regular maintenance ensures optimal performance and longevity of your heater.

- **Cleaning:** Over time, algae and mineral deposits may accumulate on the heater. Always unplug the heater and allow it to cool completely before removing it from the aquarium for cleaning. Gently wipe the heater surface with a soft cloth or sponge. For stubborn deposits, a mild aquarium-safe cleaning solution can be used, followed by thorough rinsing.
- **Inspection:** Periodically inspect the power cord for any signs of damage (fraying, cuts). Check the glass tube for cracks and the suction cups for wear. Replace worn suction cups as needed.
- **Water Changes:** During water changes, ensure the heater remains submerged. If the water level drops below the heater, unplug it immediately and allow it to cool before refilling the tank.

Troubleshooting

Problem	Possible Cause	Solution
Heater not heating / Indicator light off	Not plugged in. Power outage. Set temperature is below current water temperature. Heater malfunction.	Check power connection. Verify power supply. Increase set temperature. Replace heater if faulty.
Water temperature too high	Set temperature is too high. Heater malfunction (thermostat stuck).	Decrease set temperature. Unplug immediately and replace heater.
Water temperature too low	Set temperature is too low. Heater wattage insufficient for tank size. Poor water circulation.	Increase set temperature. Consider a higher wattage heater or additional heater. Improve water flow around the heater.

Specifications

Model Number	87302
Wattage	100 Watts
Manufacturer	Trixie
Submersibility	Fully Submersible

Compatibility	Freshwater and Saltwater
Batteries Required	No
Package Dimensions	34.6 x 9 x 5.6 cm
Item Weight	280 grams

Warranty and Support

For warranty information or technical support, please refer to the contact details provided on the product packaging or the official Trixie website. Keep your purchase receipt as proof of purchase.

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