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› YOFOTHS 300W Aquarium Heater Instruction Manual

YOFOTHS 300W

YOFOTHS 300W Aquarium Heater Instruction Manual

Model: 300W | Brand: YOFOTHS

1. INTRODUCTION

Thank you for choosing the YOFOTHS 300W Aquarium Heater. This device is designed to maintain a stable and appropriate temperature for your aquatic environment, ensuring the well-being of your fish and other aquatic life. This manual provides essential information for the safe and effective use of your heater. Please read it thoroughly before installation and operation.

The YOFOTHS 300W Aquarium Heater is suitable for both freshwater and saltwater aquariums, providing precise temperature control for tanks ranging from 40 to 60 gallons.

Suitable for Freshwater and Saltwater



Saltwater



Freshwater

Suitable for Fish and Turtle, Aquatic plant



Image: The YOFOTHS aquarium heater is compatible with both freshwater and saltwater setups, as depicted with various fish and aquatic plants.

2. SAFETY PRECAUTIONS

To prevent electric shock, injury, or damage to the heater, please observe the following safety guidelines:

- Always unplug the heater and all other electrical devices in the aquarium before performing maintenance, water changes, or handling the heater.
- Ensure the heater is fully immersed in water before plugging it in. Operating the heater out of water will cause it to overheat and fail.
- Do not operate the heater if the cord or plug is damaged.
- Do not attempt to repair the heater yourself. Refer to qualified service personnel.
- Keep the external controller dry. It is not waterproof.
- Ensure a drip loop is formed with the power cord to prevent water from traveling along the cord and reaching the electrical outlet.
- This heater is designed for indoor use only.

3. PRODUCT COMPONENTS

The YOFOTHS 300W Aquarium Heater package includes the following components:

- Aquarium Heating Rod (300W)
- External Digital Temperature Controller with LED Display
- Suction Cups for mounting
- Instruction Manual

Key features of the heater and controller:

- **Water Level Sensor:** Provides out-of-water protection.
- **Built-in Thermometer:** Upgraded temperature sensor for accurate readings.
- **Thickened Quartz Glass:** Durable and safe heating element.
- **Thermally Conductive Material:** Ensures even heating throughout the rod.
- **LED Display:** Shows current water temperature.
- **SET Button:** Used to adjust the target temperature.
- **Indicator Light:** Red for heating, Green for constant temperature.

How it Works ?



Image: Detailed diagram illustrating the components of the YOFOTHS aquarium heater, including the heating rod with water level sensor, temperature sensor, quartz glass, and the external controller with LED display and SET button.

4. SETUP AND INSTALLATION

Follow these steps to properly install your YOFOTHS aquarium heater:

1. **Unpack:** Carefully remove the heater and all components from the packaging. Inspect for any damage.
2. **Position the Heater:** Place the heating rod fully submerged in your aquarium. It can be positioned vertically or horizontally using the provided suction cups. Ensure good water circulation around the heater for even temperature distribution.
3. **Ensure Full Immersion:** The heating rod **must be completely submerged in water** at all times when powered on. Failure to do so will cause the heater to overheat and malfunction.
4. **Connect Power:** Once the heater is fully submerged, plug the power cord into a standard electrical outlet. Ensure the external controller is kept dry and away from water splashes.

Attention for Installation

The heating rod must be fully immersed in water



Image: Visual guide demonstrating correct installation methods for the aquarium heater (fully submerged, vertically or horizontally) and incorrect methods (partially submerged or out of water).

5. OPERATING INSTRUCTIONS

The YOFOTHS aquarium heater features an external controller for easy temperature adjustment and monitoring.

5.1 Setting the Temperature

1. Plug in the heater. The LED display on the external controller will show the current water temperature.
2. Press the **SET** button once. The displayed temperature will begin to flash.
3. While the temperature is flashing, press the **SET** button repeatedly to cycle through the desired temperature settings (range: 64°F to 93°F).
4. Stop pressing the button when your desired temperature is displayed. The display will flash a few more times and then return to showing the current water temperature, indicating the setting has been saved.



Image: A hand pressing the 'SET' button on the external temperature controller, demonstrating how to adjust the desired temperature.

5.2 Indicator Lights

- **Red Light:** Indicates the heater is actively heating the water.
- **Green Light:** Indicates the water temperature has reached the set point and the heater is maintaining a constant temperature.

5.3 Intelligent Memory Function

The heater is equipped with an intelligent memory function. If power is interrupted, the previously set target temperature will be automatically reloaded once power is restored. This prevents the need to reset the temperature after a power outage.

5.4 Overheating Protection

The heater includes an overheating protection feature. If the water temperature exceeds 95°F (35°C), the LED display will show the error code **"HI"** and the heater will stop operating. Once the water temperature drops below 95°F, the error code will disappear, and the heater will resume normal operation.



Image: A visual representation highlighting the heater's key features: 1°F temperature accuracy, intelligent memory function for power outages, and 'H1' error code for overheating protection.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your aquarium heater:

- **Cleaning:** Periodically clean the heating rod to remove algae or mineral deposits. **Always unplug the heater and allow it to cool completely before removing it from the water for cleaning.** Use a soft cloth or sponge and warm water. Do not use harsh chemicals or abrasive materials.
- **Inspection:** Regularly inspect the power cord, plug, and heating rod for any signs of damage, cracks, or wear. If any damage is observed, discontinue use immediately.
- **Water Level:** Always ensure the water level in your aquarium is above the minimum immersion line of the heater. Evaporation can lower water levels, potentially exposing the heater.

7. TROUBLESHOOTING

If you encounter issues with your YOFOTHS aquarium heater, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Heater not turning on / No display	No power; Loose connection; Heater malfunction	Check power outlet and connections. Ensure the plug is fully inserted. If still unresponsive, contact support.
Water temperature too high / "HI" error code	Overheating protection activated; Set temperature too high; Heater too powerful for tank size	The heater will automatically stop. Allow water to cool naturally. Verify set temperature. Ensure heater wattage is appropriate for your tank volume.
Water temperature too low / Not heating	Set temperature too low; Heater not fully submerged; Heater malfunction; Tank too large for heater wattage	Increase set temperature. Ensure heater is fully submerged. Check for proper water circulation. Verify heater wattage is sufficient for your tank volume.
Inaccurate temperature reading	External thermometer placement; Sensor obstruction	Compare with a reliable external thermometer. Ensure the heater's sensor area is clear of debris.

8. SPECIFICATIONS

Detailed specifications for the YOFOTHS 300W Aquarium Heater:

- **Model:** 300W
- **Power:** 300 Watts
- **Recommended Tank Volume:** 40-60 Gallons (for temperature rise greater than 9°F)
- **Heater Length:** Approximately 9 inches
- **Cord Length:** 52 inches
- **Temperature Control Range:** 64°F - 93°F (18°C - 34°C)
- **Material:** Thickened Quartz Glass
- **Features:** External Temperature Controller, Digital LED Display, Overheating Protection, Intelligent Memory Function, Out-of-Water Protection
- **Suitable For:** Freshwater and Saltwater Aquariums

For reference, here is a general guide for choosing an aquarium heater based on tank volume and desired temperature rise:

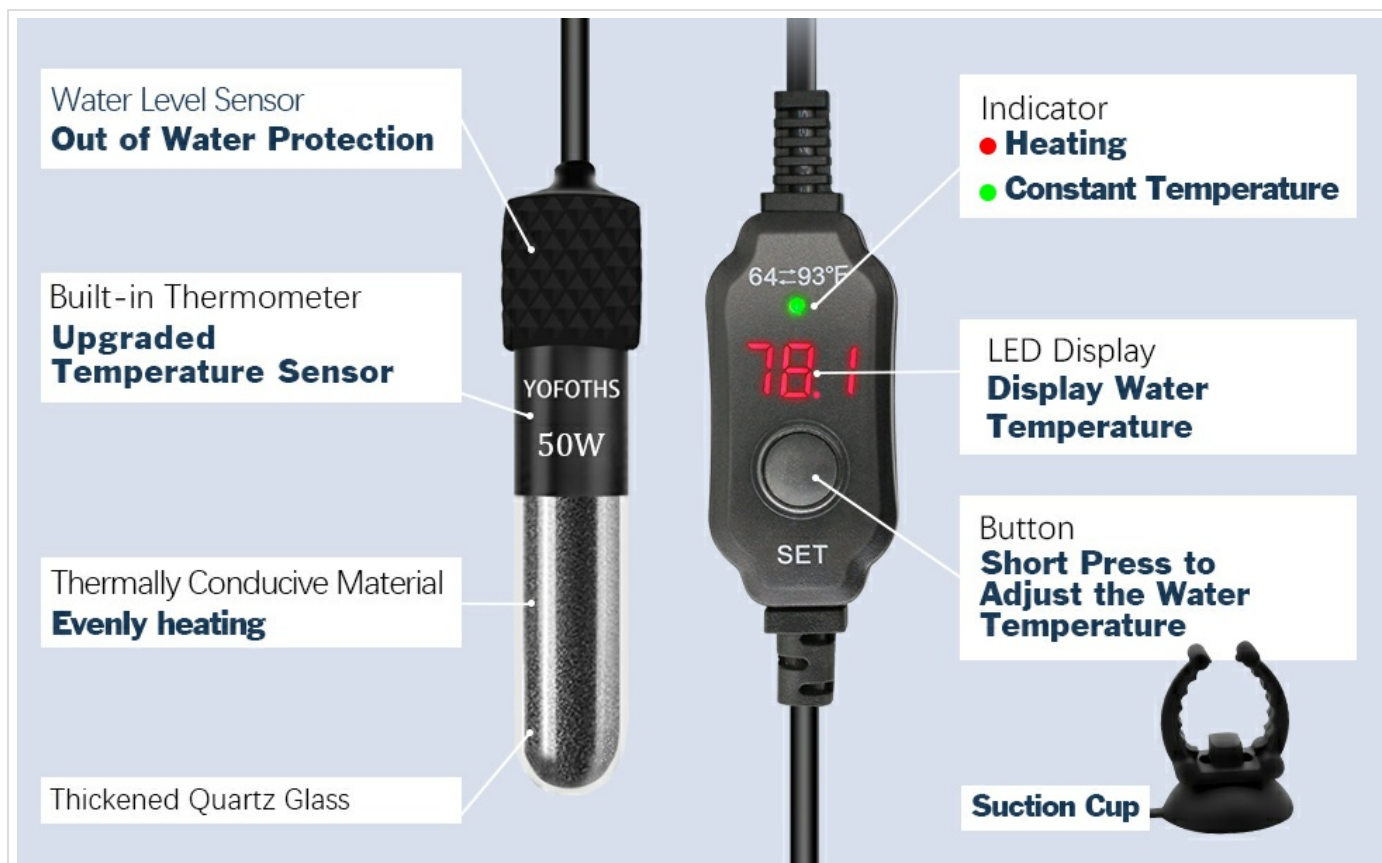


Image: A table providing guidance on selecting the appropriate aquarium heater wattage based on maximum tank volume and the required temperature increase.

9. WARRANTY AND SUPPORT

YOFOHHS is committed to providing quality aquarium equipment and services. We conduct lengthy testing and multiple inspections for every product to ensure high quality.

For warranty information, technical support, or any questions regarding your YOFOHHS 300W Aquarium Heater, please refer to the contact information provided with your purchase or visit the official YOFOHHS website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question