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HITOP 25W

HITOP 25W Adjustable Aquarium Heater User Manual

Model: 25W

1. INTRODUCTION

This manual provides instructions for the safe and effective use of your HITOP 25W Adjustable Aquarium Heater. Please read this manual thoroughly before installation and operation to ensure proper function and longevity of the product, and the safety of your aquatic environment.



Image 1.1: The HITOP 25W Aquarium Heater, showing its design and integrated temperature scale. A betta fish is shown for scale, indicating its use in small aquariums.

2. SAFETY INSTRUCTIONS

- Always ensure the heater is fully submerged in water before connecting it to a power source. Operating the heater out of water can cause damage and create a fire hazard.
- Disconnect the power supply to the heater and all other aquarium equipment before performing any maintenance, water changes, or handling the heater.
- Allow the heater to cool down for at least 15-20 minutes after disconnecting power before removing it from the water.
- Do not operate the heater if the glass tube or power cord is damaged. Contact customer support for assistance.
- Ensure the power cord forms a 'drip loop' to prevent water from traveling along the cord and reaching the electrical outlet.
- This appliance is intended for indoor use only, within an aquarium environment.
- Keep out of reach of children.

3. PRODUCT OVERVIEW

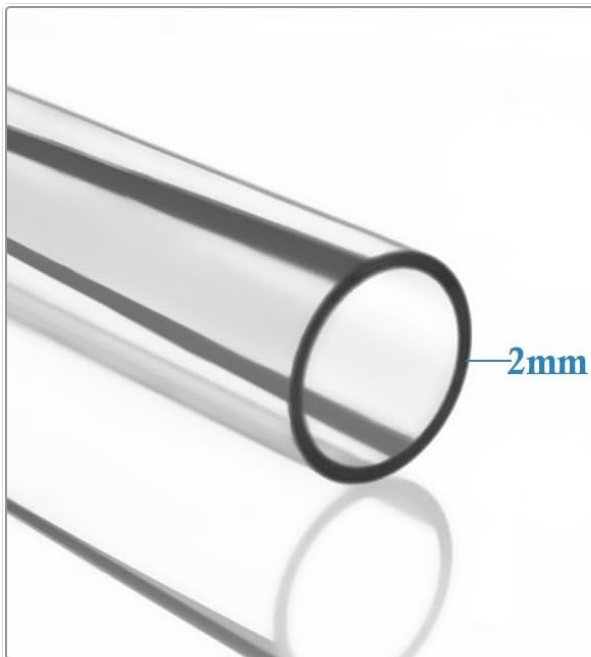
The HITOP 25W Aquarium Heater is designed to maintain a stable water temperature in small fish tanks. It features a durable quartz glass construction and an adjustable thermostat for precise temperature control.

Key Components:

- **Adjustable Knob:** Used to set the desired water temperature.
- **Temperature Scale:** Displays temperature in both Fahrenheit and Celsius.
- **Working Indicator Light:** Illuminates when the heater is actively heating.
- **Thickened Quartz Glass:** Provides durability and safety.
- **Evenly Distributed Heating Wire:** Ensures uniform heat dissipation.
- **Bottom Protective Cover:** Guards against direct contact with the heating element.
- **Suction Cups:** For secure mounting within the aquarium.



Image 3.1: Detailed views highlighting the adjustable knob, temperature scale, evenly distributed heating wire, and bottom protective cover of the heater.



2mm Thickened Quartz glass

After many tests, we used this thickened quartz glass to maximize the durability of this heater.

Evenly distributed heating wire

This vertical distribution of heating wires can make the heater more evenly dissipate heat to the surroundings.

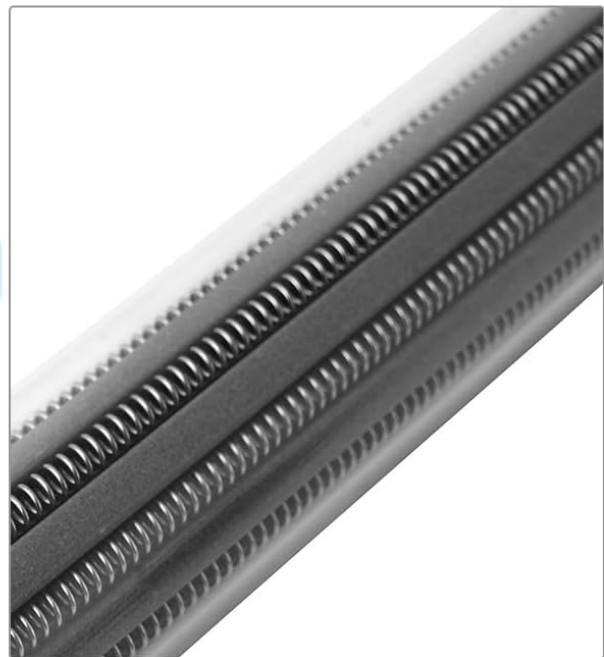


Image 3.2: Close-up showing the 2mm thickened quartz glass construction and the design of the evenly distributed heating wire for efficient heat transfer.

4. SPECIFICATIONS

The following table outlines the specifications for various HITOP aquarium heater models, including the 25W model.



Specifications:

Power	Heater Length	Fish tank size	Cable length	Other
25W	7.2in	5-10gallon	4.9ft	110-120V 50/60Hz
50W		5-15gallon		
100W	8.8in	15-30gallon		
200W	10.4in	30-45gallon		
300W		45-60gallon		

Image 4.1: A visual representation of the specifications table for different wattage HITOP aquarium heaters.

Power	Heater Length	Recommended Tank Size	Cable Length	Voltage/Frequency
25W	7.2 inches	Up to 10 gallons	4.9 feet	110-120V, 50/60Hz
50W	7.2 inches	5-15 gallons		
100W	8.8 inches	15-30 gallons		
200W	10.4 inches	30-45 gallons		
300W	10.4 inches	45-60 gallons		

5. SETUP INSTRUCTIONS

Follow these steps to properly install your HITOP aquarium heater:

- Unpack Contents:** Carefully remove the heater, suction cups, and sticker thermometer from the packaging.

2. **Attach Suction Cups:** Securely attach the two provided suction cups to the heater body. An extra suction cup is included for spare.
3. **Placement in Aquarium:** Position the heater fully submerged in your aquarium. It can be installed horizontally or vertically. Ensure it is placed in an area with good water circulation to distribute heat evenly. Avoid placing it directly in the substrate.
4. **Secure Heater:** Press the suction cups firmly against the inside glass of the aquarium to secure the heater in place.
5. **Install Thermometer:** Attach the sticker thermometer to the outside of your aquarium glass, away from the heater, to monitor the water temperature.
6. **Drip Loop:** Before plugging in, create a 'drip loop' with the power cord. This involves arranging the cord so that a section hangs below the electrical outlet, preventing water from running down the cord into the outlet.
7. **Connect to Power:** Once the heater is fully submerged and secured, and the drip loop is in place, plug the heater into a suitable electrical outlet.



Image 5.1: Examples of proper heater placement, showing both horizontal and vertical installation options within an aquarium.

Package including:



Image 5.2: The complete package contents, including the heater, power cord, three suction cups, and a sticker thermometer.

6. OPERATING INSTRUCTIONS

The HITOP aquarium heater features an adjustable thermostat for automatic temperature regulation.

- 1. Set Desired Temperature:** Rotate the adjustable knob at the top of the heater to select your desired water temperature. The temperature range is 68°F to 93°F (20°C to 34°C).
- 2. Monitor Initial Heating:** After setting the temperature, the heater's working indicator light will illuminate, signifying that it is actively heating the water. It may take several hours for the aquarium water to reach the set temperature, depending on tank size and ambient conditions.
- 3. Automatic Regulation:** Once the set temperature is reached, the heater will automatically turn off, and the indicator light will extinguish. The heater will cycle on and off as needed to maintain the water temperature within approximately $\pm 2^\circ\text{F}$ of your setting.
- 4. Verify Temperature:** Use the included sticker thermometer or a separate aquarium thermometer to verify the actual water temperature. Adjust the heater's knob slightly if the measured temperature differs from your desired setting.

Easy to use

Adjustable Knob

Turn the knob to set the temperature you want.

Working Indicator

The indicator will be on when the heater is heating, and will be off when stop heating.

Heater will automatically turn on or off to maintain the water temperature.

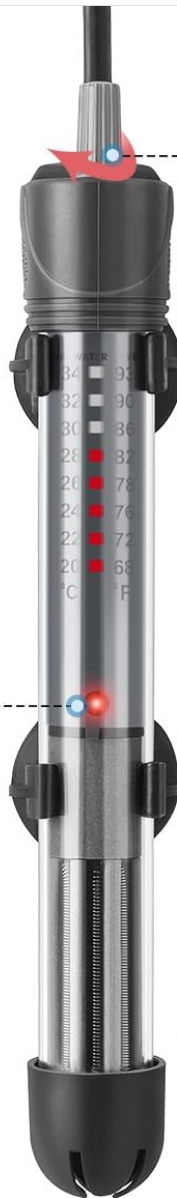


Image 6.1: The heater highlighting the adjustable knob for temperature selection and the working indicator light that signals when the heater is active.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your heater.

- **Cleaning:** Over time, algae or mineral deposits may accumulate on the heater's surface. Disconnect the heater from power and allow it to cool before gently cleaning it with a soft cloth or brush. Do not use harsh chemicals or abrasive materials.
- **Inspection:** Periodically inspect the heater for any signs of damage, such as cracks in the glass, frayed power cords, or loose connections. If any damage is observed, discontinue use immediately and replace the heater.
- **Water Changes:** Always unplug the heater and allow it to cool before performing water changes that might expose the heater to air.

8. TROUBLESHOOTING

If you encounter issues with your heater, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Heater not heating / Indicator light off	Not plugged in; Power outage; Temperature already reached; Faulty unit.	Check power connection; Verify power to outlet; Check if water temperature matches setting; If not, contact support.
Water temperature too high/low	Temperature setting incorrect; Heater wattage insufficient/excessive for tank size; Poor water circulation.	Adjust temperature knob; Ensure heater wattage matches tank size recommendation; Improve water circulation with a filter or pump.
Heater glass is cracked or damaged	Physical impact; Thermal shock.	Immediately unplug the heater. Do not use. Replace the unit.

9. WARRANTY AND SUPPORT

HITOP provides **12 months of after-sales service** for this product. If you experience any issues or have questions regarding your HITOP aquarium heater, please contact our customer support team. Ensure you have your purchase information and model number (25W) available when contacting support.

For further assistance, please visit the HITOP store on Amazon: [HITOP Store](#)