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› DaToo H-200 Submersible 50W Aquarium Heater Instruction Manual

DaToo H-200

DaToo H-200 Submersible 50W Aquarium Heater Instruction Manual

Model: H-200

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your DaToo H-200 Submersible 50W Aquarium Heater. Please read this manual thoroughly before installation and operation to ensure optimal performance and safety for your aquatic environment.



This image displays the DaToo H-200 Submersible 50W Aquarium Heater, showing its compact design and integrated temperature dial.

2. SAFETY INSTRUCTIONS

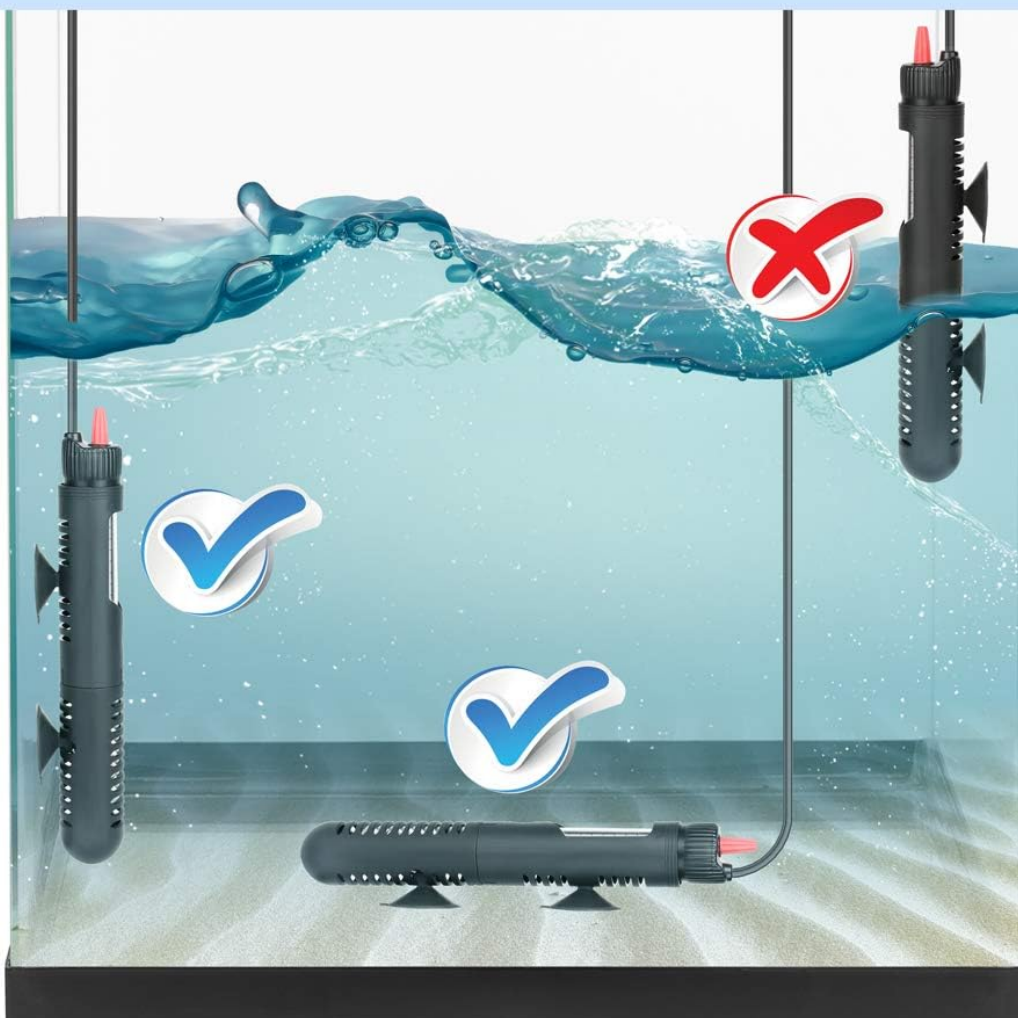
Adherence to these safety guidelines is crucial to prevent injury, damage to the product, or harm to aquatic life.

- **Full Submersion:** The heater must be **completely submerged** in water at all times when powered on. Operating the heater partially or fully out of water will cause damage and poses a fire hazard.
- **Power Disconnection:** Always unplug the heater from the power outlet before performing any

maintenance, cleaning, or when removing water from the aquarium.

- **Voltage Compatibility:** Ensure the heater's voltage rating matches your power supply.
- **Cord Inspection:** Regularly inspect the power cord for any signs of damage. Do not use if the cord is frayed or damaged.
- **Placement:** Position the heater away from direct contact with aquarium decorations or substrate to ensure proper water circulation around it.
- **Children and Pets:** Keep the heater and its power cord out of reach of children and pets.

Suitable For Fresh Water And Salt Water



This diagram illustrates the critical importance of fully submerging the heater in water. It shows correct horizontal and vertical submersion methods, and an incorrect method where the heater is partially exposed.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x DaToo H-200 Submersible 50W Aquarium Heater
- 2 x Suction Cups for mounting

4. PRODUCT FEATURES

The DaToo H-200 Aquarium Heater is designed to provide a stable and comfortable temperature for your aquatic inhabitants.

- **Adjustable Temperature:** Easily set the desired temperature between 65°F to 93°F (18°C to 34°C).
- **Durable Construction:** Features Germany microcrystalline glass, known for its shatterproof, corrosion-resistant, and wear-resistant properties.
- **Efficient Heating:** Equipped with a nickel-chromium alloy heating wire for superior heat transfer and extended service life.
- **Safe Materials:** All plastic components are BPA-free, ensuring no harmful toxins are released into the water.
- **Energy Saving:** Utilizes a stepwise heating mode that automatically turns on and off to maintain the set temperature, reducing electricity consumption.
- **Versatile Use:** Suitable for both fresh water and salt water aquariums.
- **Easy Installation:** Includes suction cups for secure placement on any glass surface.



This diagram illustrates the key components of the DaToo H-200 heater, including the temperature control knob, temperature indicator dial, heat indicator light, and heater case with suction cups, along with its overall dimensions.

Sturdy And Durable



Germany Microcrystalline Glass:
Shatterproof, Corrosion resistant,
Wear-resistant



Nickel-Chromium Alloy Heating Wire:
Superior heat transfer and enhanced
service life

This image highlights the durable construction materials of the heater, featuring Germany microcrystalline glass for the outer shell and nickel-chromium alloy for the internal heating wire.



This graphic emphasizes that the heater is made from BPA-free materials, ensuring safety for aquatic life and users, and promotes its environmentally friendly design.

5. SETUP

Follow these steps to properly install your aquarium heater:

1. **Unpack:** Carefully remove the heater and all accessories from the packaging.
2. **Placement:** Attach the suction cups to the heater body. Position the heater inside your aquarium, ensuring it is fully submerged in water. It can be placed vertically or horizontally. For best results, place it in an area with good water flow.
3. **Tank Size:** This 50W heater is suitable for aquariums ranging from 5 to 15 gallons. Ensure your tank size is within this recommended range for effective heating.
4. **Initial Temperature Setting:** Before plugging in, set the desired temperature using the control knob. Refer to the 'Operating Instructions' section for details.
5. **Acclimation:** Allow the heater to acclimate to the aquarium water temperature for approximately 15-20 minutes before plugging it in. This helps prevent thermal shock to the heater.
6. **Power Connection:** Once fully submerged and acclimated, plug the heater into a suitable power outlet.

6. OPERATING INSTRUCTIONS

Operating your DaToo H-200 heater is straightforward:

1. **Adjusting Temperature:** Turn the red knob at the top of the heater to align the desired temperature with the indicator line. The temperature range is 65°F to 93°F (18°C to 34°C).
2. **Temperature Indicator Dial:** The heater features a clear dial that displays the set temperature in both Fahrenheit and Celsius.
3. **Heat Indicator Light:** A red 'ON' light will illuminate when the heater is actively heating the water. It will turn off once the set temperature is reached, indicating the heater is in standby mode.
4. **Monitoring:** For accurate temperature monitoring, it is highly recommended to use an independent aquarium thermometer. Check the water temperature regularly, especially during the first 24-48 hours after installation, to ensure stability.

How to adjust the temperature



Step 1: By turning the top knob to change temperature



Step 2: Read your set temperature from the temperature indicator dial.

This image demonstrates the two steps for adjusting the heater's temperature: turning the top knob to set the desired temperature and reading the set temperature from the indicator dial.

7. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your heater:

- **Cleaning:** Periodically unplug the heater and remove it from the aquarium. Gently wipe down the heater body to remove any algae or mineral buildup. Do not use abrasive cleaners or harsh chemicals.
- **Inspection:** While cleaning, inspect the heater for any cracks, damage, or signs of wear. Check the power cord for integrity.
- **Reinstallation:** After cleaning and inspection, re-submerge the heater completely and allow it to acclimate before plugging it back in.

8. TROUBLESHOOTING

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

- **Heater Not Heating:**
 - Ensure the heater is fully submerged in water.
 - Check if the power cord is securely plugged into a working outlet.
 - Verify that the set temperature is higher than the current aquarium water temperature.
 - Check if the heat indicator light is on. If not, the heater may not be receiving power or may be faulty.
- **Temperature Too High/Low:**
 - Adjust the temperature setting using the control knob.
 - Confirm the heater's wattage is appropriate for your tank size (50W for 5-15 gallons).
 - Use an external thermometer to verify the actual water temperature. Heater dials can sometimes have minor discrepancies.
 - Ensure adequate water circulation around the heater.
- **Heater Overheating (Water Temperature Exceeds Set Point Significantly):**
 - Immediately unplug the heater.
 - This indicates a potential malfunction where the thermostat is not turning off the heating element. The heater should be replaced.
 - Always use an independent thermometer to monitor tank temperature.
- **Heater Light On, But No Heat:**
 - The heating element may have failed. The heater requires replacement.

If troubleshooting steps do not resolve the issue, please contact customer support.

9. SPECIFICATIONS

Feature	Specification
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Model Number	H-200
Power	50 Watts
Dimensions (L x W x H)	8.7 x 1.2 x 1.2 inches
Recommended Tank Capacity	5 to 15 gallons
Temperature Range	65°F to 93°F (18°C to 34°C)
Material	Germany Microcrystalline Glass, Nickel-Chromium Alloy, BPA-Free Plastic
Compatibility	Freshwater and Saltwater Aquariums
ASIN	B09KTY1B3K

10. WARRANTY AND SUPPORT

The DaToo H-200 Submersible 50W Aquarium Heater comes with a One Year Warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or any questions regarding your product, please contact DaToo Customer Service. We offer 24-hour professional customer service to assist you.

Contact Information:

Please refer to your purchase documentation or the DaToo official website for the most current customer support contact details.