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› DaToo 50W Small Aquarium Heater User Manual

DaToo 50W

DaToo 50W Small Aquarium Heater User Manual

Model: 50W | Brand: DaToo

INTRODUCTION

This manual provides essential information for the safe and effective use of your DaToo 50W Small Aquarium Heater. Designed for 1 to 10-gallon aquariums, this submersible heater features a three-point temperature control system, real-time LED temperature display, and external temperature adjustment for precise and stable water temperature management. Please read these instructions thoroughly before installation and operation.

IMPORTANT SAFETY INSTRUCTIONS

- Always ensure the heater is **100% submerged in water** before plugging it in. Operating the heater out of water can cause damage and create a fire hazard.
- Do not operate if the power cord or plug is damaged.
- Do not attempt to repair the heater yourself. Refer to qualified service personnel.
- Disconnect the power supply before performing any maintenance, water changes, or handling the heater.
- Keep out of reach of children.
- Ensure the voltage specified on the heater matches your local power supply.
- Avoid placing the heater in areas with strong currents or where it might be dislodged.

PACKAGE CONTENTS

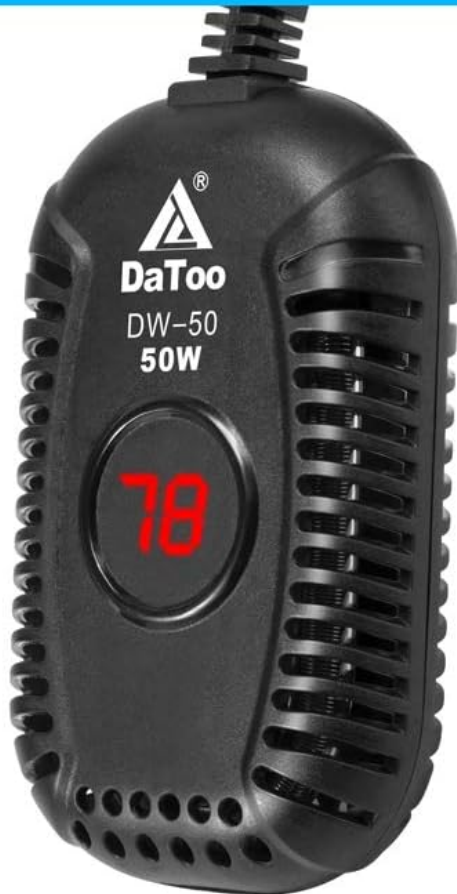
Your DaToo 50W Small Aquarium Heater package should include:

- 1 x DaToo 50W Aquarium Heater with integrated temperature display
- 1 x External Temperature Controller
- Suction cups for mounting
- User Manual (this document)

PRODUCT FEATURES

- **Three-Point Temperature Control System:** Ensures more accurate and sensitive temperature detection with an accuracy of $\pm 1^{\circ}\text{F}$, maintaining a stable water temperature.
- **Sturdy and Durable Construction:** Features a high-strength ABS shell that is high-temperature resistant, explosion-proof, and crack-proof, protecting the thicker quartz glass heating element from external damage and chemical corrosion.
- **Real-Time Temperature Display:** The integrated LED display shows the current water temperature, eliminating the need for a separate thermometer.
- **External Temperature Adjustment:** Easily adjust the desired temperature using the external controller without needing to remove the heater from the tank or disturb your fish.

Sturdy And Durable



High Strength ABS Shell:

High temperature resistant, no fear of any external force damage and chemical corrosion, **longer** service life.



Thicker Quartz Glass:

Explosion-proof and **crack-proof**, **safer** and more **durable**, **excellent** heat transfer rate, **quickly** fill your fish tank with **warmth**.

Figure 1: Close-up view of the DaToo Aquarium Heater highlighting its high-strength ABS shell and thicker quartz glass construction for enhanced durability and safety.

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Video 1: Illustrates the protective features of an aquarium heater, including shell spacing to prevent fish contact and a detachable anti-scald shell for safety.

SPECIFICATIONS

Power	50 Watt
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Voltage	110V~120V/60Hz
Heater Size	4 x 2.6 x 0.9 inches
Power Cord Length	4 ft (approx. 48.4 inches)
Application	1 to 10 gallon aquariums
Material	High strength ABS shell, Thicker Quartz Glass
Temperature Accuracy	±1°F
Temperature Control Range	59-95°F (15-35°C)
Water Type	Suitable for fresh water and salt water

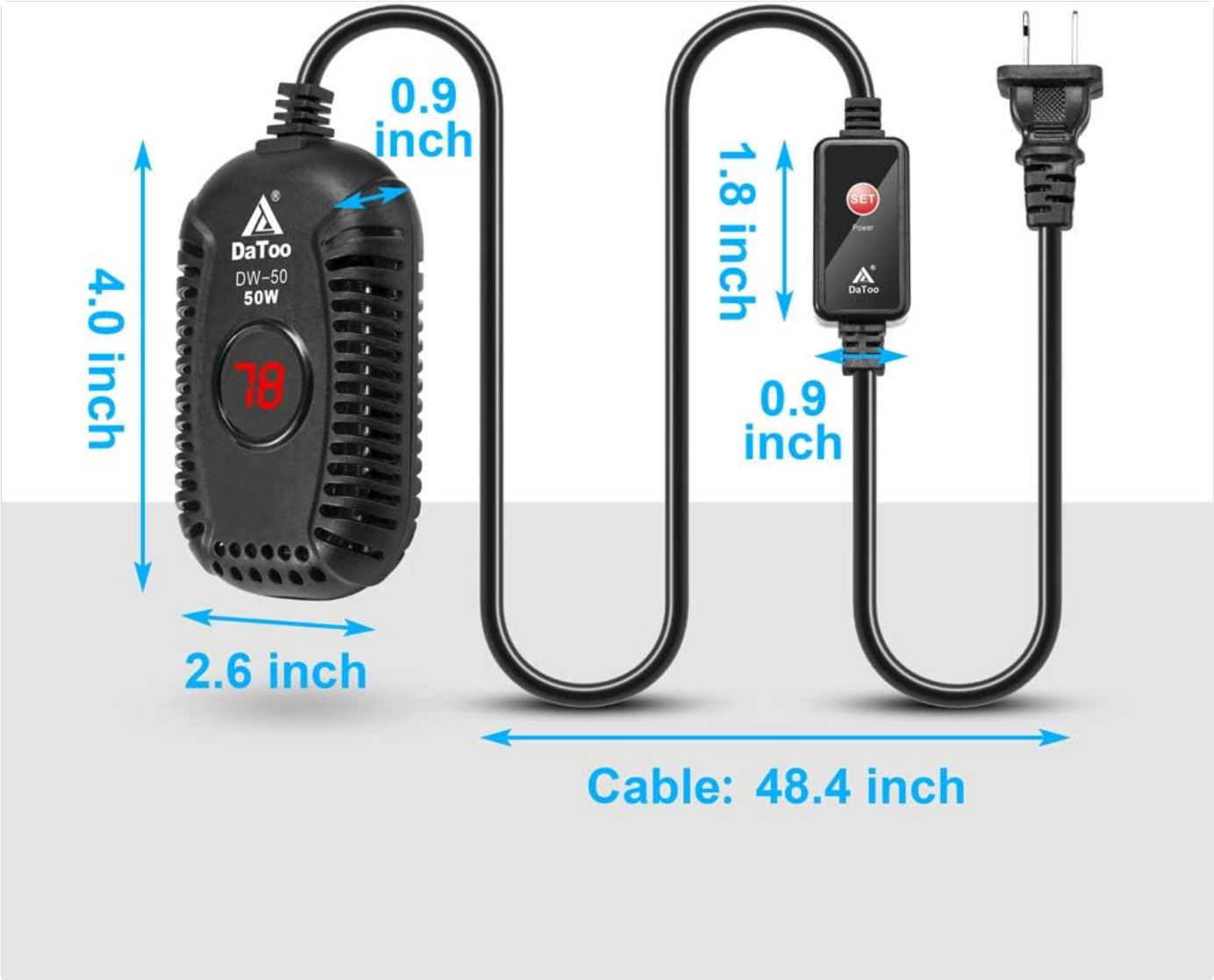


Figure 2: DaToo 50W Aquarium Heater with dimensions showing 4.0 inch length, 2.6 inch width, 0.9 inch thickness, and 48.4 inch cable length.

SETUP

1. Heater Placement

The DaToo 50W heater must be **completely submerged in water** for safe and effective operation. Use the provided suction cups to securely attach the heater to the inside wall of your aquarium.

How To Place



Figure 3: Illustration showing correct placement of the heater fully submerged in the aquarium, and incorrect placements where it is partially submerged or not submerged.

For optimal heat distribution, install the heater in an area with good water flow, such as near a pump or filter outlet. This helps to circulate the heated water evenly throughout the tank.

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Video 2: Demonstrates the installation of the Boxtech Small Tank Aquarium Heater, showing proper placement for optimal water flow and temperature stabilization over time.

2. Initial Power-On

Once the heater is securely installed and fully submerged, plug the power cord into a suitable electrical outlet. The LED display on the external controller will illuminate, showing the current water temperature.

OPERATING INSTRUCTIONS

1. Temperature Display and Adjustment

The DaToo heater features a real-time water temperature display on the unit itself and an external controller for easy adjustment. This eliminates the need for an additional thermometer.

Convenient Temperature Display & Adjustment



Real-Time Water Temperature Display:

No need to buy an extra thermometer, **save** you **money**.

External Temperature Controller:

Adjust the temperature **outside** the fish tank, will **not scare** your cute fish. Very **Convenient**!

Figure 4: Close-up of the DaToo Aquarium Heater showing the real-time water temperature display on the heater and the external temperature controller with a 'SET' button.

To adjust the desired temperature, simply press the 'SET' button on the external controller. Each press will cycle through the available temperature settings (59-95°F). The display will show the set temperature. The heater will automatically begin heating or stop heating to maintain this set temperature.

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Video 3: Demonstrates the external temperature controller, showing how to adjust the temperature and the digital display indicating real-time temperature and heating status (red for heating, green for constant temperature).

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Video 4: Shows the unboxing and temperature adjustment feature of a similar aquarium heater, highlighting the ease of setting the desired temperature without removing the unit from the tank.

MAINTENANCE

- Always unplug the heater and allow it to cool down completely before removing it from the water for cleaning.
- Gently wipe the heater surface with a soft cloth to remove any algae or mineral buildup. Do not use harsh chemicals or abrasive

materials.

- Regularly check the power cord for any signs of damage or wear.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Heater not turning on / No display	No power, loose connection	Check power outlet, ensure plug is fully inserted.
Water temperature not reaching set point	Heater too small for tank size, poor water circulation, ambient temperature too low	Ensure heater wattage is appropriate for your tank (50W for 1-10 gallons). Improve water circulation. Consider additional insulation for the tank if ambient temperature is very low.
Heater displays "E1" error code	Dry-run protection activated (heater not fully submerged or water level too low)	Immediately unplug the heater. Ensure the heater is fully submerged. If water level is low, refill the tank. Wait 10-15 minutes for the heater to cool before plugging it back in.

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Video 5: Demonstrates the dry-run protection feature, showing the heater displaying an "E1" error code when removed from water, and automatically cutting off power to prevent damage.

WARRANTY & CUSTOMER SUPPORT

The DaToo 50W Small Aquarium Heater comes with a **one-year warranty**. If you encounter any issues or have questions regarding your product, please contact our professional customer service team. We are available 24 hours to assist you. For support, please refer to the contact information provided with your purchase or visit the DaToo official website.