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› DaToo 50W Adjustable Submersible Aquarium Heater Instruction Manual

DaToo D1-50W

DaToo 50W Adjustable Submersible Aquarium Heater Instruction Manual

Model: D1-50W

1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your DaToo 50W Adjustable Submersible Aquarium Heater. Please read these instructions thoroughly before installation and use, and retain them for future reference.



Image: DaToo 50W Adjustable Submersible Aquarium Heater in an aquarium.

2. SAFETY INSTRUCTIONS

- Always unplug the heater from the power outlet before performing any maintenance, water changes, or handling the heater.
- Ensure the heater is fully submerged in water before plugging it in. Operating the heater out of water can cause damage and pose a fire hazard.
- Do not install the suction cups directly over the heating element to avoid interference with heat distribution.
- Check the heater for any signs of damage (cracks, frayed cords) before each use. Do not use a damaged heater.
- Keep the power cord away from sharp edges and hot surfaces.
- This appliance is intended for indoor use only, within an aquarium environment.
- Children should be supervised to ensure they do not play with the appliance.

3. PRODUCT FEATURES

The DaToo D1 Aquarium Heater incorporates advanced technology to provide stable and accurate temperature control for your aquatic environment.

- **Electronic Chip Temperature Control:** Utilizes an electronic chip for precise and stable water temperature, reducing error to approximately 1.8°F.
- **Adjustable Temperature Range:** Easily set desired temperature from 63°F to 89°F (17°C to 32°C) using the top knob.
- **Borosilicate Glass Shell:** Provides high heat resistance, explosion-proof properties, and corrosion resistance, ensuring durability and excellent thermal conductivity.
- **Nickel-Chromium Alloy Heating Wire:** Offers fast and even heating throughout the aquarium.
- **Fully Submersible (IPX8):** Designed for complete submersion in both marine saltwater and freshwater aquariums.
- **Long Power Cord:** A 6ft power cord offers flexible placement options.
- **Heating Indicator:** An indicator light illuminates when the heater is actively heating.

Accurate Electronic Temperature Control

Our Heater



ELECTRONIC
Temperature Control

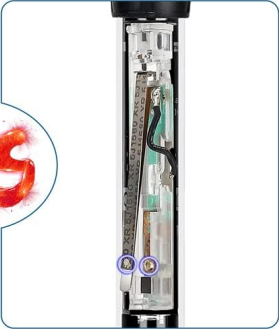
✓ High Accuracy

✓ High Sensitivity

✓ Stable Temperature

VS

Traditional Glass Heater



MECHANICAL
Temperature Control

✗ Low Accuracy

✗ Low Sensitivity

✗ Unstable Temperature

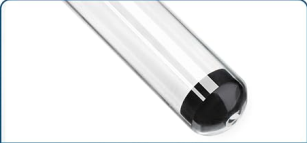
Image: Electronic vs. Mechanical Temperature Control. The electronic chip offers high accuracy, high sensitivity, and stable temperature.



1 Temperature Adjustable
Turn the top knob to set the temperature you want.



2 Working Indicator
Automatically turn on or off to maintain the set temperature.



3 Borosilicate Glass Shell
High heat resistance, explosion-proof and anti-corrosion, excellent thermal conductivity, more durable.



4 Nickel-Chromium Alloy Heating Wire
Heating speed is faster, spiral distribution, safer and more energy-saving.

Image: Key features including temperature adjustment, working indicator, durable glass, and heating wire.

4. SETUP AND INSTALLATION

1. **Unpack:** Carefully remove the heater and all accessories from the packaging. Verify that all components are present (heater, suction cups, sticker thermometer).
2. **Attach Suction Cups:** Securely attach the provided suction cups to the heater body. Ensure they are not placed directly over the heating element.
3. **Position in Aquarium:** Place the heater inside the aquarium, ensuring it is fully submerged in water. The heater can be positioned vertically or horizontally. Avoid placing it in areas with strong water flow that might interfere with temperature sensing.
4. **Secure:** Press the suction cups firmly against the inner glass wall of the aquarium to secure the heater in place.
5. **Connect Power:** Once the heater is fully submerged and securely positioned, plug the power cord into a suitable electrical outlet.
6. **Apply Thermometer:** Attach the complimentary sticker thermometer to the outside of the aquarium glass, away from the heater, to monitor the water temperature.



Image: Correct installation showing the heater fully submerged and suction cups placed away from the heating element.



Image: The 6ft power cord provides ample length for connecting to an outlet.

Your browser does not support the video tag.

Video: An overview of the DaToo Electronic Chip Aquarium Heater, demonstrating its features and installation process.

5. OPERATION

1. **Set Temperature:** Turn the knob located at the top of the heater to select your desired water temperature. The temperature range is 63°F to 89°F (17°C to 32°C).
2. **Monitor Indicator:** The "Working" indicator light will illuminate when the heater is actively heating the water. It will automatically turn on and off to maintain the set temperature.
3. **Verify Temperature:** Use the provided sticker thermometer to verify the actual water temperature in your aquarium. Allow a few hours for the water temperature to stabilize after initial setup or temperature adjustments.



Image: Adjusting the temperature using the top knob and observing the working indicator.



Image: Using the free sticker thermometer to monitor aquarium water temperature.

6. MAINTENANCE

- **Cleaning:** Periodically clean the heater's surface to remove algae or mineral buildup. Always unplug the heater and allow it to cool completely before removing it from the water for cleaning. Use a soft cloth or sponge; avoid abrasive cleaners.
- **Inspection:** Regularly inspect the heater for any signs of wear, damage, or cracks in the glass. Check the power cord for fraying or damage.
- **Water Changes:** Always unplug the heater during water changes to prevent it from operating out of water, which can cause overheating and damage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Heater not turning on.	No power; faulty outlet; heater malfunction.	Check power connection. Test outlet with another device. If still not working, contact customer service.
Water temperature is too high/low.	Incorrect temperature setting; heater wattage too low/high for tank size; heater malfunction.	Adjust temperature knob. Ensure heater wattage matches tank size recommendations (see specifications). Verify with an external thermometer.
Heater indicator light is off, but water is warm.	Heater has reached set temperature and is in standby.	This is normal operation. The heater will cycle on and off to maintain temperature.
Heater is leaking.	Damaged heater.	Immediately unplug the heater and remove it from the aquarium. Do not use. Contact customer service for replacement.

8. SPECIFICATIONS

The following table outlines the specifications for the DaToo D1-50W Aquarium Heater:

Size Chart

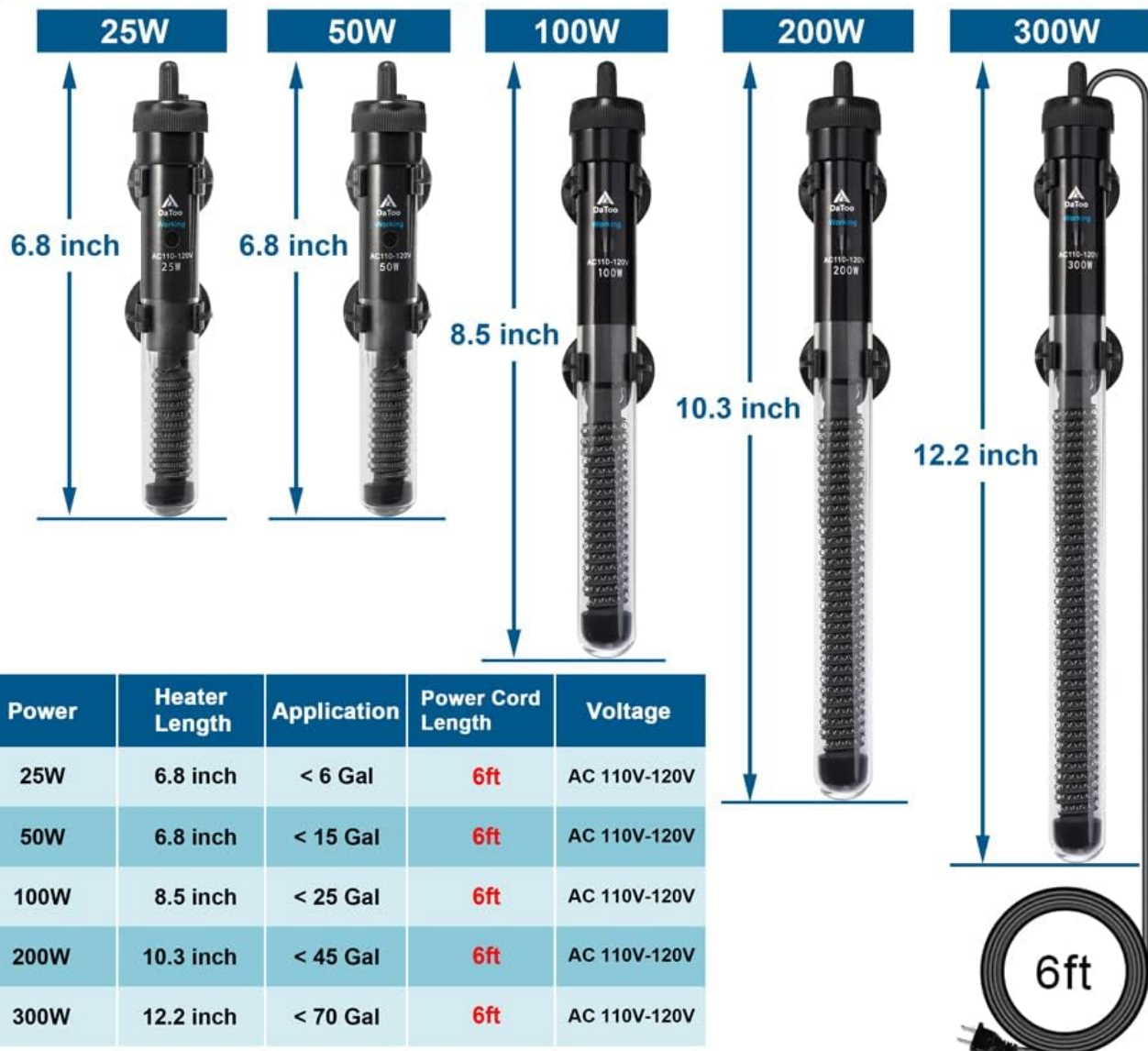


Image: DaToo Aquarium Heater Size Chart, detailing specifications for various wattages.

Specification	Value
Model Number	D1-50W
Power	50 Watts
Voltage	AC 110-120V, 60Hz
Heater Length	6.8 inches
Power Cord Length	6 feet
Recommended Tank Size	5-15 Gallons
Water Type Compatibility	Saltwater and Freshwater
Temperature Range	63°F - 89°F (17°C - 32°C)

Specification	Value
Waterproof Rating	IPX8 (Fully Submersible)

9. WARRANTY AND SUPPORT

DaToo provides a One Year Warranty for this product. For any questions, concerns, or warranty claims, please contact DaToo Professional Customer Service. They are available 24 hours to assist you.

What's Included:

- 1x DaToo D1 Heater
- 2x Powerful Suction Cups
- 1x Free Sticker Thermometer
- 1x Instruction Manual

You Can Get

- 1* DaToo D1 Heater
- 2* Powerful Suction Cups
- 1* Free Sticker Thermometer



- 1* Instruction Manual



Image: Package contents of the DaToo D1 Aquarium Heater.

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