

[Manuals.plus](#) /

› [DaToo](#) /

› DaToo D1 100W Aquarium Heater Instruction Manual

DaToo D1-100W

DaToo D1 100W Aquarium Heater Instruction Manual

Model: D1-100W

1. INTRODUCTION

Thank you for choosing the DaToo D1 100W Aquarium Heater. This submersible heater is designed to maintain a stable and optimal water temperature for your aquatic pets in both marine saltwater and freshwater environments. Featuring electronic chip temperature control, it offers precise and reliable heating. Please read this manual thoroughly before installation and operation to ensure safe and efficient use.



The DaToo D1 100W Aquarium Heater is designed for submersible use, maintaining optimal water temperature for aquatic life.

2. SAFETY INSTRUCTIONS

WARNING: Failure to follow these safety instructions may result in fire, electric shock, or injury.

- Always ensure the heater is **fully submerged** in water before connecting it to a power source. Operating the heater out of water will cause damage and poses 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 install suction cups directly on the heating element area of the heater.
- Ensure the power cord is not damaged, pinched, or kinked. Do not use if the cord or plug is damaged.
- This appliance is for indoor use only and intended for aquariums. Do not use for other purposes.
- Keep out of reach of children.

- If the heater falls into the water, do not reach for it. First, unplug it, then retrieve it.

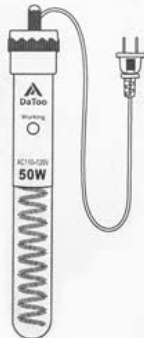
3. PACKAGE CONTENTS

Verify that all items are present and in good condition upon opening the package.

- 1x DaToo D1 Aquarium Heater (100W)
- 2x Powerful Suction Cups
- 1x Free Sticker Thermometer
- 1x Instruction Manual (this document)

You Can Get

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



INSTRUCTION MANUAL

Please read this manual carefully before use to avoid safety problems, heater failures and fires caused by improper operation.

The package includes the DaToo D1 heater, two suction cups for mounting, and a complimentary sticker thermometer.

4. SPECIFICATIONS

Feature	Detail
---------	--------

Feature	Detail
Model	D1-100W
Power	100 Watts
Voltage	AC 110-120V, 60Hz
Heater Length	8.5 inches
Power Cord Length	6 feet
Recommended Tank Size	15-25 Gallons
Compatibility	Marine Saltwater and Freshwater Aquariums
Temperature Control	Electronic Chip Thermostat
Shell Material	Borosilicate Glass
Heating Element	Nickel-Chromium Alloy Wire

Size Chart



This chart provides dimensions and specifications for various DaToo heater models, including heater length, recommended tank size, power cord length, and voltage.

SPECIFICATIONS

- Power & Tank: 100W Heater (Fish tank and turtle tank)
- Voltage: 110V-120V, 60Hz
- Heater Length: 8.5inch • Power Cord: 6ft
- Recommended For: 15-25 gallon tank
- Suitable: Saltwater and fresh water



A summary of the technical specifications for the 100W DaToo D1 heater.

6Ft Super Long Power Cord

If your fish tank is far from the socket, no need to buy an extension cord, it can easily meet your needs!



The heater features a 6-foot power cord, offering flexibility in placement without needing an extension.

5. SETUP AND INSTALLATION

1. **Unpack and Inspect:** Carefully remove the heater and all accessories from the packaging. Inspect for any signs of damage. Do not use if damaged.

2. **Placement in Aquarium:** Position the heater in an area of the aquarium with good water circulation to ensure even heat distribution. The heater can be installed vertically or horizontally.
3. **Secure with Suction Cups:** Attach the provided suction cups to the heater body. Ensure the suction cups are placed on the non-heating sections of the heater, away from the heating element. Press firmly against the clean inner glass of the aquarium to secure.
4. **Submerge Fully:** Ensure the heater is **completely submerged** in the water before plugging it into a power outlet. The water level must always be above the minimum water line indicator on the heater (if present) or cover the entire glass tube.
5. **Connect Power:** Once fully submerged, plug the heater into a suitable 110-120V, 60Hz power outlet.
6. **Install Thermometer:** Attach the sticker thermometer to the outside of the aquarium glass, away from the heater, to monitor the water temperature independently.

How To Install



Please **make sure** the **heater** is **fully submerged** in the water.



Do **not install** suction cups **in the heating area**.

Proper installation requires the heater to be fully submerged. Suction cups should be placed away from the heating element.

6. OPERATING INSTRUCTIONS

1. **Set Desired Temperature:** Turn the knob located at the top of the heater to select your desired water temperature. The temperature range is typically 63°F to 89°F (17°C to 32°C).
2. **Monitor Indicator Light:** When the heater is actively heating the water, the orange "Working" indicator light will illuminate. Once the set temperature is reached, the light will turn off, and the heater will automatically cycle on and off to maintain the temperature.
3. **Verify Temperature:** Use the included sticker thermometer or a separate aquarium thermometer to verify the actual water temperature. Adjust the heater's setting slightly if necessary to achieve your desired temperature. Allow several hours for the water temperature to stabilize after any adjustment.
4. **Electronic Temperature Control:** The DaToo D1 heater utilizes an electronic chip thermostat for enhanced accuracy and stability, minimizing temperature fluctuations.

Easy To Set Temperature



Temperature Range:

65°F~89°F. Turn the top knob to set the temperature you want.



Working Indicator:

It will **automatically** turn on or off to **maintain** the set **temperature**.

The heater features an easy-to-use adjustable knob for temperature selection and an indicator light that illuminates during heating.

Accurate Electronic Temperature Control

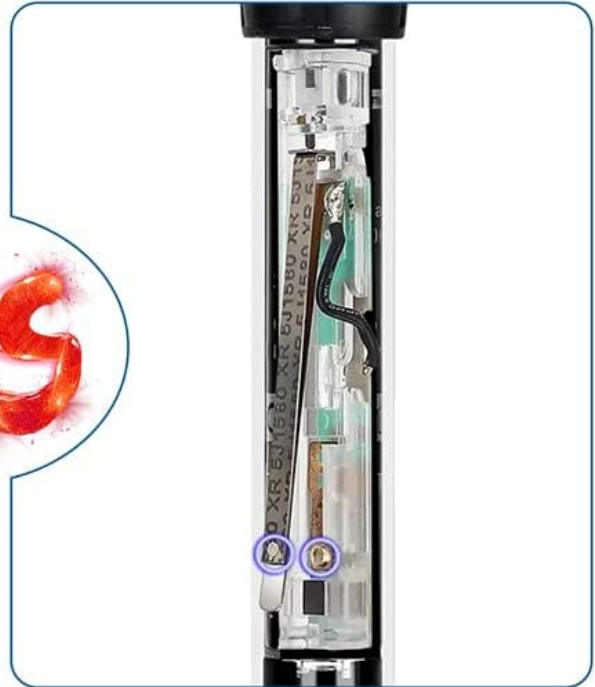
Our Heater



ELECTRONIC Temperature Control

- ✓ High Accuracy
- ✓ High Sensitivity
- ✓ Stable Temperature

Traditional Glass Heater



MECHANICAL Temperature Control

- ✗ Low Accuracy
- ✗ Low Sensitivity
- ✗ Unstable Temperature

The DaToo heater utilizes an advanced electronic chip for precise and stable temperature regulation, unlike older mechanical systems.

Free Sticker Thermometer

Comes with a free sticker thermometer, you can know the water temperature at any time!

No need to buy, save you money!



A complimentary sticker thermometer is provided to help users monitor the aquarium's water temperature.

7. MAINTENANCE

- **Regular 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 wiping it clean with a soft cloth or sponge. Do not use harsh chemicals or abrasive materials.
- **Inspect Power Cord:** Periodically check the power cord for any signs of wear, cuts, or damage. Replace the heater immediately if any damage is found.
- **Check Suction Cups:** Ensure the suction cups remain firmly attached to the aquarium glass. Re-position or clean them if they lose their grip.
- **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 DaToo D1 Aquarium Heater, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Heater not heating / Indicator light off	Not plugged in; Power outage; Set temperature reached; Heater malfunction.	Check power connection; Verify power to outlet; Confirm desired temperature is higher than current water temperature; Contact customer service if malfunction is suspected.

Problem	Possible Cause	Solution
Water temperature too high/low	Incorrect temperature setting; Heater wattage too low/high for tank size; Poor water circulation.	Adjust temperature knob; Ensure heater wattage matches tank size recommendations; Improve water circulation with a filter or powerhead.
Heater operating out of water	Water level dropped below minimum line.	Immediately unplug the heater. Allow to cool. Refill water to appropriate level before re-submerging and plugging in. Do not operate out of water.
Heater glass tube cracked	Physical impact; Thermal shock.	Immediately unplug the heater. Do not attempt to repair. Replace the heater.

9. WARRANTY AND CUSTOMER SUPPORT

The DaToo D1 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. Our professional customer service team is available to assist you.

- **Customer Service:** Refer to your purchase platform or product packaging for contact details.
- Please have your model number (D1-100W) and proof of purchase ready when contacting support.

