



Manuals.plus /

- › HITOP /
- › HITOP 1000W Digital Aquarium Heater Instruction Manual

HITOP M10

HITOP 1000W Digital Aquarium Heater Instruction Manual

Brand: HITOP | Model: M10

1. PRODUCT OVERVIEW

The HITOP 1000W Digital Aquarium Heater is a submersible heating device designed for large fish tanks ranging from 130 to 300 gallons. It features a durable titanium alloy heating tube suitable for both freshwater and saltwater environments. The heater includes an external digital control box for precise temperature adjustment and real-time monitoring, ensuring a stable and safe aquatic environment for your fish.



Image 1.1: The HITOP 1000W Digital Aquarium Heater, showing the submersible heating element, external digital controller, and power plug.

2. KEY FEATURES

- **High Wattage & Capacity:** 1000W heater suitable for 130-300 gallon tanks, providing fast and efficient heating.
- **Titanium Alloy Heating Tube:** Constructed from high-quality titanium alloy, offering anti-shattering, high temperature resistance, and corrosion resistance for use in both freshwater and saltwater aquariums.
- **Intelligent External Temperature Control:** Features a separate digital control box that displays both the set temperature and the real-time water temperature. The temperature adjustment range is 64-93°F (16-34°C).
- **Sturdy Protective Cover:** A robust casing with evenly distributed holes protects aquatic pets from direct contact with the heating element while ensuring efficient heat dissipation.
- **Over-temperature Protection:** Automatically stops heating if the water temperature exceeds 93°F (34°C) to prevent overheating.
- **Temperature Memory:** Retains the last temperature setting even after a power outage.
- **Automatic Temperature Control:** The heater automatically turns on and off to maintain the desired water temperature.

External Digital Heater Controller

—Easy to read

1. SET TEMP:

Range 64-93°F(16-34°C)
[°F and °C can be switched]

2. NOW TEMP:

Display the Real-time temperature of fish tank

3. Working Status Indicator:

Green means heating finished/
finished/

Red means heating Status

4. Real-time working power:

There is no false standard power problem

5. Adjustment knob, easy to operate



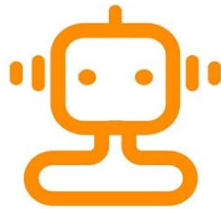
Image 2.1: Detailed view of the external digital controller, highlighting the set temperature, current temperature, working status indicator, real-time power display, and adjustment knob.

Features of this aquarium heater



Over-temperature protection

If the water temperature exceeds 93°F, it will automatically stop heating immediately



Temperature memory

After power off, it will automatically remember the original temperature setting



Automatic temperature control

After setting the temperature, the heater will automatically turn on and off to maintain the water temperature

Image 2.2: Visual representation of key features including over-temperature protection, temperature memory, and automatic temperature control.

Titanium alloy heating material and strong protective casing

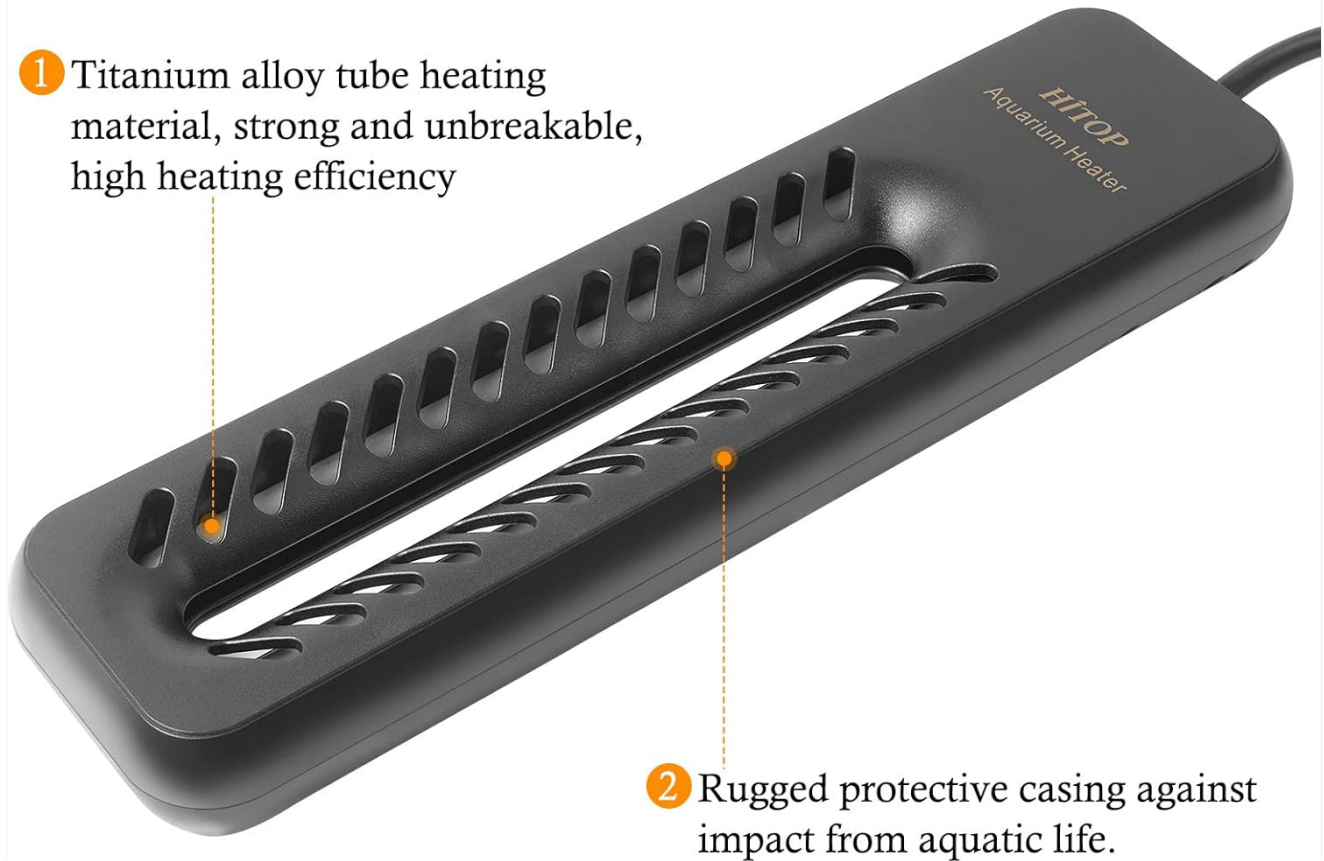


Image 2.3: Close-up view of the titanium alloy heating tube and the rugged protective casing, designed for durability and safety.

3. PRODUCT SPECIFICATIONS

Specification	Detail
Model Number	M10
Wattage	1000W
Voltage	120V/60Hz
Recommended Tank Size	130-300 Gallons
Temperature Adjustment Range	64-93°F (16-34°C)
Heating Material	Titanium Alloy
Controller Style	External Digital Controller
Power Cord Length	6 ft (1.85 M)
Item Weight	2.75 pounds
Dimensions (Heater)	Approx. 11.2 inches (28.5cm) length, 2.8 inches (7cm) width
Dimensions (Controller)	Approx. 5 inches (12.5cm) height, 3 inches (8cm) width
Included Components	1000W aquarium heater, 5 suction cups, 1 sticker-type thermometer, controller fixing sticker

Product Parameter



Power:	1000W	Suitable for:	130-300Gallon Tank
Voltage:	120V/60Hz	Controller style:	External Digital Controller
Cable length:	6ft	Heating material:	Titanium alloy

Image 3.1: Diagram illustrating the product dimensions and key parameters.

4. SETUP INSTRUCTIONS

- Unpack Components:** Carefully remove all items from the packaging: the 1000W heater, digital controller, suction cups, sticker-type thermometer, and controller fixing sticker.
- Heater Placement:** Position the titanium heating element fully submerged within your aquarium. Ensure it is placed in an area with good water circulation for even heat distribution. Use the provided suction cups to securely attach the heater to the inside wall of the tank.
- Controller Placement:** The external digital controller is *not waterproof*. Mount it in a dry location, away from splash zones and high humidity. It is recommended to hang it on the outside of your tank stand or a nearby wall. Ensure the power cord has a drip loop to prevent water from traveling along the cord to the electrical outlet.
- Connect Components:** Connect the heating element cable to the digital controller. Then, plug the controller's power cord into a suitable electrical outlet.
- Apply Thermometer:** Attach the sticker-type thermometer to the outside of your aquarium, away from the heater, to provide an additional reference for water temperature.

Package including

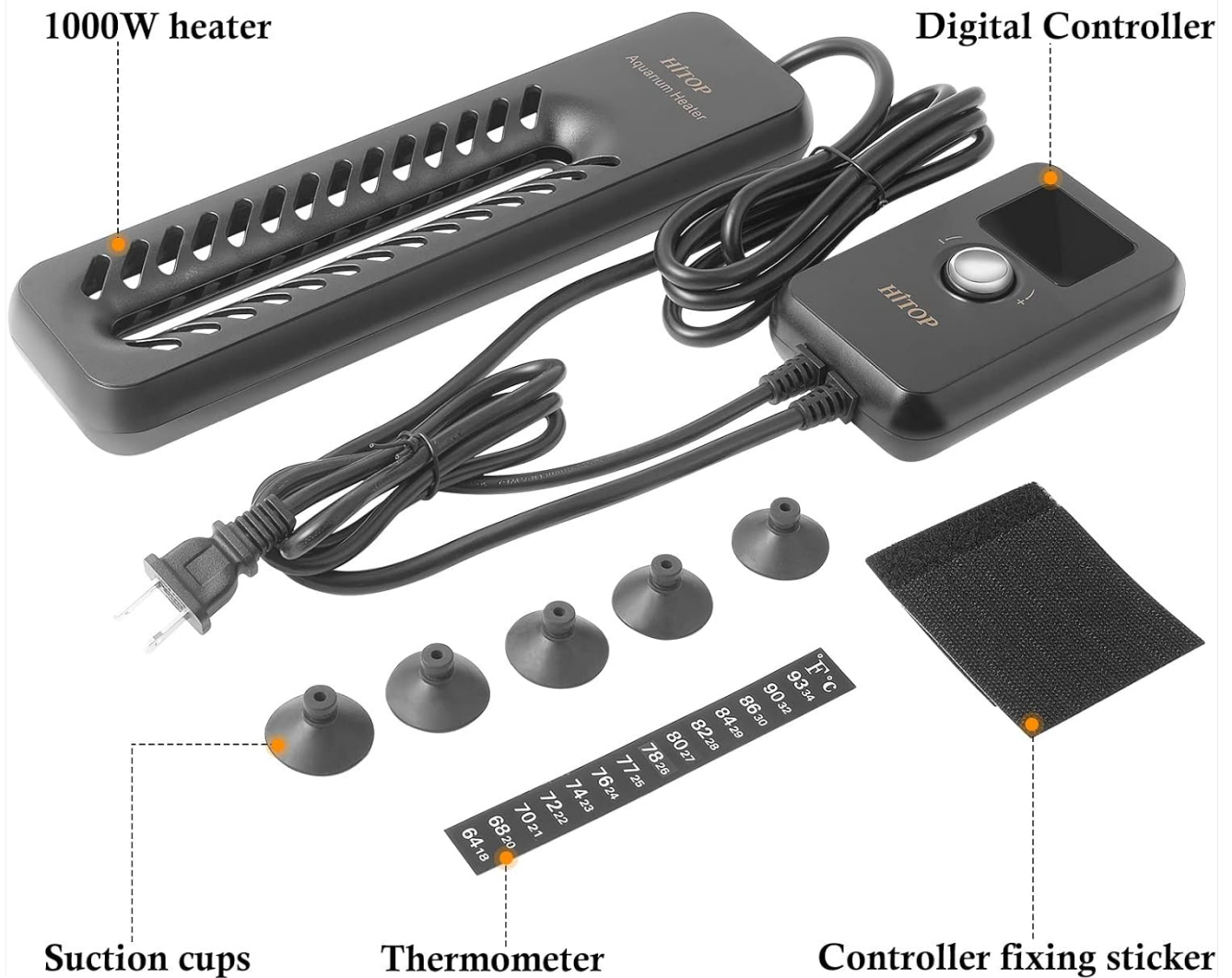


Image 4.1: All components included in the package: heater, digital controller, suction cups, thermometer, and controller fixing sticker.



Image 4.2: Illustration of the heater and controller properly installed in an aquarium setup.

5. OPERATING INSTRUCTIONS

1. **Power On:** Once plugged in, the digital controller display will illuminate, showing the current water temperature ("NOW TEMP") and the factory default or previously set temperature ("SET TEMP").
2. **Set Temperature:** Use the adjustment knob on the external controller to set your desired water temperature. Rotate clockwise to increase the temperature and counter-clockwise to decrease it. The temperature range is 64-93°F (16-34°C).
3. **Monitor Display:**
 - **SET TEMP:** Your desired temperature setting.
 - **NOW TEMP:** The real-time temperature of the aquarium water.
 - **Working Status Indicator:** A light on the controller indicates the heater's status. Green typically means heating is finished or temperature is maintained, while Red indicates active heating.
 - **Real-time Working Power:** Displays the current power consumption of the heater.
4. **Automatic Operation:** The heater will automatically turn on when the water temperature drops below the set temperature and turn off once the set temperature is reached, maintaining a stable environment.
5. **Temperature Memory:** In case of a power interruption, the heater will remember your last temperature setting and resume operation once power is restored.

6. MAINTENANCE

- **Regular Cleaning:** It is recommended to regularly clean the heating element and its protective cover to prevent algae and debris buildup, which can affect heating efficiency. Use clean water to wash off any dirt.
- **Do Not Disassemble:** Do not attempt to disassemble the protective cover or the heating element. Cleaning should be done with the unit intact.
- **Power Off Before Maintenance:** Always unplug the heater from the power outlet and allow it to cool down completely before performing any maintenance or cleaning.
- **Inspect Cords:** Periodically inspect the power cords and connections for any signs of damage or wear. If any damage is found, discontinue use immediately.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Heater not turning on / No display	No power, loose connection, power outage.	Check if the power plug is securely inserted. Verify the power outlet is functional. Check for power outages in your area.
Water not heating / Temperature too low	Heater not fully submerged, set temperature too low, heater malfunction, tank size exceeds capacity.	Ensure the heater is fully submerged. Increase the set temperature. Verify the heater's wattage is appropriate for your tank size (1000W for 130-300 gallons). If issues persist, contact support.
Heater tripping circuit breaker	Overload on circuit, internal short circuit in heater.	Unplug the heater and other devices from the circuit. Try plugging the heater into a different circuit. If it continues to trip, the heater may be faulty; discontinue use and contact support.
Error code displayed on controller	Sensor malfunction, internal fault.	Unplug the heater, wait a few minutes, and plug it back in to attempt a reset. If the error code persists, the unit may have a sensor or internal fault; contact support.
Temperature fluctuates significantly	Poor water circulation, heater placement, external factors.	Ensure adequate water flow around the heater. Relocate the heater to an area with better circulation. Minimize external temperature fluctuations in the room.

8. SAFETY INFORMATION

- **Full Submersion Required:** The heating element *must be fully submerged in water* at all times during operation. Operating the heater out of water can cause damage to the unit and pose a fire hazard.
- **Non-Waterproof Controller:** The external digital controller is not waterproof. Keep it in a dry location, away from any water splashes or high humidity. Ensure a drip loop is formed with the power cord to prevent water from reaching the electrical outlet.
- **Unplug Before Handling:** Always unplug the heater from the power source before performing any maintenance, cleaning, or handling the unit inside the aquarium.
- **Protective Cover:** The heater is equipped with a protective cover to prevent fish from directly contacting the heating element. Do not remove this cover during operation.
- **Children and Pets:** Keep the heater and its cords out of reach of children and pets to prevent accidental damage or injury.
- **Indoor Use Only:** This product is designed for indoor aquarium use only. Do not use it for any other purpose or in outdoor environments.

9. WARRANTY AND SUPPORT

The HITOP 1000W Digital Aquarium Heater comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For warranty claims, technical support, or any questions regarding your product, please contact HITOP customer service. You can typically find contact information on the product packaging or through the retailer where you purchased the item. Please have your purchase receipt and product model number (M10) ready when contacting support.

For more information about HITOP products, you may visit the official HITOP store: [HITOP Store on Amazon](#).

