AQQA AQ136-1200W

AQQA AQ136-1200W Intelligent Aquarium Heater Instruction Manual

Model: AQ136-1200W

For 170-290 Gallon Freshwater and Saltwater Aquariums

INTRODUCTION

Thank you for choosing the AQQA AQ136-1200W Intelligent Aquarium Heater. This submersible heater is designed to maintain a stable and safe temperature for your aquatic environment, suitable for both freshwater and saltwater tanks ranging from 170 to 290 gallons. It features an intelligent protection system and an external controller for ease of use and enhanced safety.

SAFETY INFORMATION

- **Full Submersion:** Always ensure the aquarium heater is fully submerged in water before plugging it in. Operating the heater out of water can cause damage and pose a safety risk.

- **Water Circulation:** Maintain good water circulation around the heater to ensure even heat distribution and accurate temperature readings.

- **Cool-Down Period:** After turning off the heater, allow it to cool in the water for 15-30 minutes before removing it. This prevents residual heat from damaging the unit or causing burns.

- **Placement:** Do not place the aquarium heater directly into sand or mud, as this can lead to inaccurate heating and potential malfunction.

- **Overheating Protection:** The heater is equipped with an anti-overheat protection system. If the water temperature exceeds the set point by 1°F/1°C, heating stops. If it rises rapidly by 3°F/3°C, the display will flash the current temperature and heating will cease.

- **Anti-Dry Burning Protection:** If the heating rod is more than 1 inch (2.54 cm) out of the water, an "E0" error code will be displayed, and the heater will stop heating to prevent dry burning.

- **Fish Safety:** The heater features a protective PC plastic shell to prevent fish from coming into direct contact with the heating element and getting burned.

PRODUCT FEATURES

- **Durable Construction:** Built with explosion-proof quartz glass and high-temperature resistant nickel-chromium heating wire for fast and efficient heating.
- **Intelligent Automatic Heating:** Maintains a constant temperature. Heating stops when the set temperature is reached and automatically resumes if the water temperature drops by 2°F/2°C below the set point.
- **External Temperature Controller:** Easily adjust temperature settings from outside the tank without getting your hands wet.
- **Clear Digital Display:** Shows both set temperature and current water temperature.
- **Temperature Unit Switch:** Long press the 'SET' button for 5 seconds to switch between Fahrenheit (°F) and Celsius (°C).
- **Power-Off Memory Function:** Retains the last set temperature after a power outage, eliminating the need to reset.
- **Protective Casing:** PC plastic shell protects aquatic life from direct contact with the heating element.

PACKAGE CONTENTS

- AQQA AQ136-1200W Aquarium Heater Unit
- External Temperature Controller with Power Cord
- Suction Cups for Heater Placement
- Adhesive Hook for Controller Placement
- User Manual

SETUP INSTRUCTIONS

1. **Attach Suction Cups:** Securely attach the provided suction cups to the back of the heater unit.
2. **Submerge Heater:** Place the heater unit completely inside your aquarium, ensuring it is fully submerged in water. Position it in an area with good water flow for optimal performance.
3. **Position Controller:** Use the adhesive hook to attach the external temperature controller to the side of your aquarium or a convenient location nearby. Ensure the controller is easily visible and accessible.
4. **Connect to Power:** Plug the heater's power cord into a suitable electrical outlet. The digital display on the controller will illuminate.

Image: Heater unit with suction cups and external controller placement.

OPERATING INSTRUCTIONS

1. **Power On:** Once plugged in, the controller's digital display will show the current water temperature and the last set temperature.

2. **Set Temperature:** Press the 'SET' button on the external controller to enter temperature setting mode. Each short press will increase the set temperature by 1°F or 1°C. The adjustable range is 59°F to 93°F (15°C to 34°C). The display will flash while setting. After a few seconds of inactivity, the setting will be saved.

3. **Switch Temperature Unit:** To switch between Fahrenheit (°F) and Celsius (°C), long press the 'SET' button for approximately 5 seconds.

4. **Heating Indicator:** The display will show a red light or red bars when the heater is actively heating the water. Once the set temperature is reached and maintained, the light will turn green or the bars will indicate stability.

Image: External controller displaying temperature and heating status.

Image: Temperature setting and unit conversion on the controller.

Official Product Video: AQQA Aquarium Heater Overview

Your browser does not support the video tag.

Video: This official AQQA video provides a general overview of the aquarium heater, demonstrating its features and functionality across various wattage models.

MAINTENANCE

- **Regular Cleaning:** Clean the heater unit regularly to prevent algae and mineral buildup, which can affect its efficiency. Always unplug the heater and allow it to cool down before cleaning.

- **Inspection:** Periodically inspect the heater and its cords for any signs of damage, cracks, or wear. If any damage is observed, discontinue use immediately and contact customer support.

- **Water Changes:** During water changes, ensure the heater remains fully submerged. If the water level drops below the heater, it will automatically shut off (displaying "E0"). Allow the heater to cool before handling.

TROUBLESHOOTING

- **"E0" Error Code:** This indicates that the heating rod is exposed to air (more than 1 inch out of water). Immediately check the water level in your tank and refill if necessary. Ensure the heater is fully submerged.

- **Temperature Flashing (3°F/3°C higher than set):** This indicates an anti-overheat condition. The heater has stopped heating to prevent excessive temperature. Check for proper water circulation and ensure the set temperature is appropriate for your aquatic life.

- **Heater Not Heating:** Verify that the heater is properly plugged in and fully submerged. Check the set temperature against the current water temperature. If the current temperature is at or above the set temperature, the heater will not activate.

- **Inaccurate Temperature Reading:** Ensure the heater is placed in an area with good water flow and not directly in substrate. Consider using a separate aquarium thermometer to cross-reference the reading.

Image: Visual representation of anti-dry burning and anti-overheat protection features.

SPECIFICATIONS

Specification	Detail
Brand	AQQA
Model Number	AQ136-1200W
Power	1200W

Applicable Tank Size	170-290 Gallons (650-1060L)
Temperature Accuracy	±1°F / ±1°C
Control Range	59°F-93°F (15°C-34°C)
Item Weight	2.72 pounds
Item Package Dimensions	14.13 x 7.99 x 2.52 inches
Heater Unit Dimensions	Approx. 11.4 inches (length) x 3 inches (width) x 1.6 inches (depth)
Controller Dimensions	Approx. 4.5 inches (length) x 2 inches (width) x 1 inch (depth)
Power Cord Length	Approx. 3.6 ft
Heater Cord Length	Approx. 5.5 ft
Material	Explosion-proof Quartz Glass, Nickel-Chromium Heating Wire, PC Plastic Shell

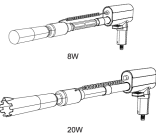| Model	AQ136			
Power	500W	800W	1000W	1200W
Applicable	53-830Gal (200-300L)	80-230Gal (300-870L)	135-258Gal (510-980L)	170-290Gal (650-1060L)
Temp accuracy	±1 °F / ±1 °C			
Control range	59 °F~93 °F / 15 °C~34 °C			
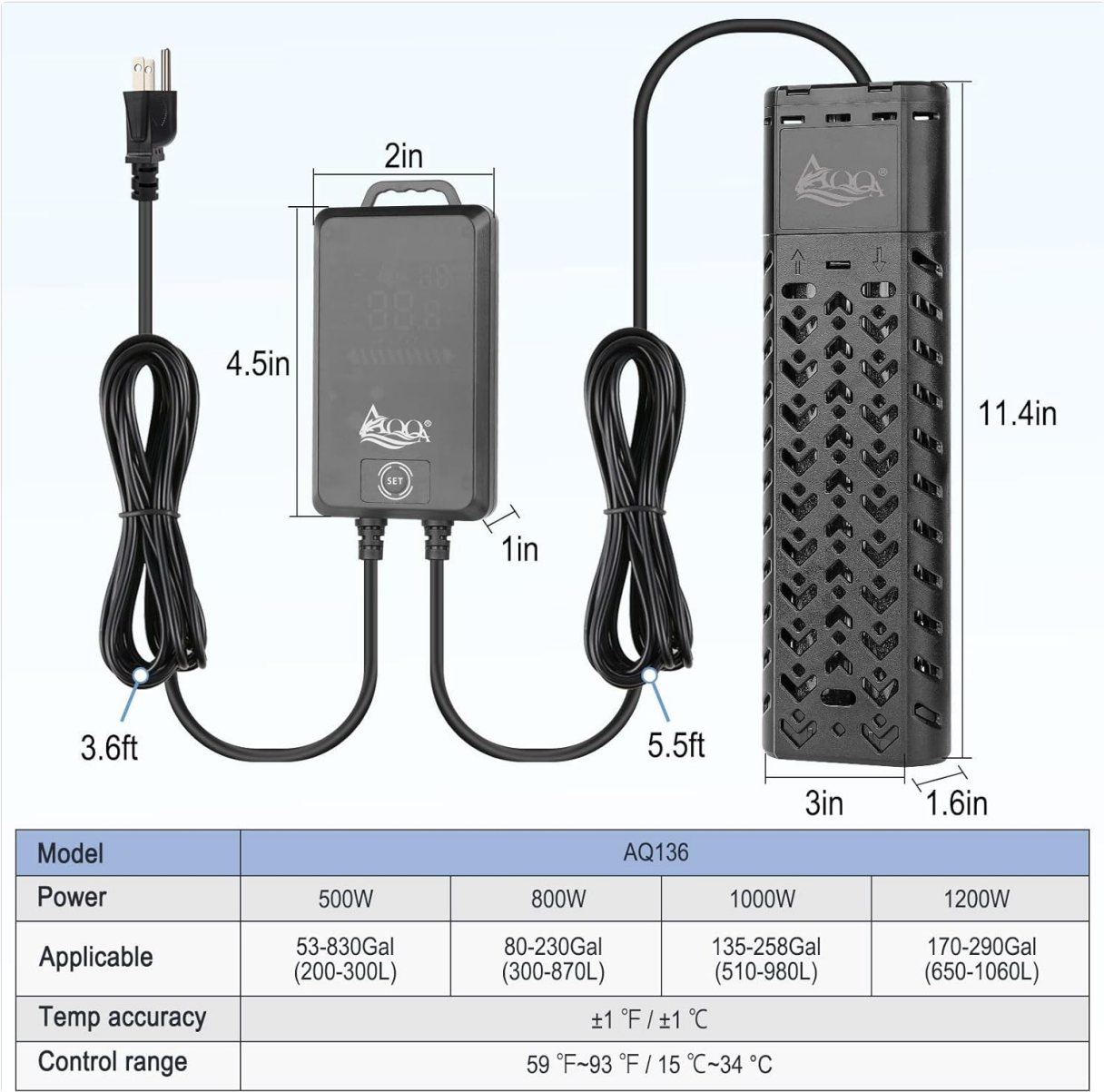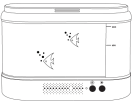
Image: Detailed dimensions and specifications table for the AQQA aquarium heater series.
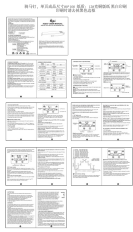
WARRANTY AND SUPPORT

Specific warranty details are not provided in the product information. For any issues, questions, or warranty claims, please contact AQQA customer support directly through the retailer or the official AQQA website. Ensure you retain your proof of purchase for any support inquiries.

Related Documents - AQ136-1200W

AQ087 USER MANUAL AQQA Aquarium Submersible Pump The AQQA submersible pump creates a natural world for fish. The aquarium pump is suitable for aquariums, ponds, fish tanks, fountains, waterfalls, backyards, gardens, hydroponic systems, and more. **CAUTION:** Please note that the pump must be completely submerged in water before connecting to the power supply. The pump is only suitable for use underwater. Please read this manual carefully before using this product and follow the instructions to ensure proper operation	[AQQA AQ087 Aquarium Submersible Pump User Manual](#) User manual for the AQQA AQ087 Aquarium Submersible Pump, detailing product features, parameters, packing list, diagram, warnings, maintenance, troubleshooting, disposal, and warranty information.
MINI DESKTOP FISH TANK USER MANUAL AQ030 Thank you for choosing AQQA products. The AQQA mini desktop fish tank is one of newest style aquarium tank kit. Perfect for a home decoration, office or gifts. **ATTENTION:** Gravel, fish, plants and decor are not included.	[AQQA AQ030 Mini Desktop Fish Tank User Manual](#) User manual for the AQQA AQ030 mini desktop fish tank, detailing product features, setup instructions, troubleshooting, maintenance, specifications, cautions, and warranty information.
AQ121 AQQA MULTI-FUNCTIONAL FISH TANK STAND INSTALLATION PROCEDURE MANUAL Installation InstructionsNotes: Don't tighten screws completely at first, just in case parts were assembled wrongly and need disassemble. Tighten screws at last when allparts are put together.	[AQ121 AQQA Multi-Functional Fish Tank Stand Installation Manual](#) Step-by-step installation guide for the AQ121 AQQA Multi-Functional Fish Tank Stand, including a detailed parts list and assembly instructions for easy setup.
AQ157 USER MANUAL AQQA DC Multifunctional Electric Gravel Cleaner AQQA DC Electric Vacuum Gravel Cleaner is a multifunctional cleaning tool kit for cleaning fish and turtle tanks. It can quickly realize the need to clean gravel, wash sand, and water, and change water. Please read this instruction manual carefully before use and follow it strictly.	[AQQA AQ157 User Manual: Multifunctional Electric Gravel Cleaner](#) User manual for the AQQA AQ157 DC Multifunctional Electric Gravel Cleaner, detailing its 6-in-1 features for aquarium maintenance, including gravel cleaning, water changes, and filtration. Covers specifications, assembly, operation, troubleshooting, safety, and warranty.
AQ148 USER MANUAL AQQA Automatic Aquarium Water Changer 8W 20W AQQA automatic aquarium water changer is a multifunctional tool that removes waste, washes sand, drains the water, and adds water directly to the aquarium. It can replace traditional siphon cleaning tools. Please read this user manual carefully before using it and follow it strictly.	[AQQA AQ148 Automatic Aquarium Water Changer User Manual](#) User manual for the AQQA AQ148 Automatic Aquarium Water Changer, detailing features, specifications, installation, maintenance, troubleshooting, and warranty information.