

展开尺寸为: 18*13cm

Instruction Manual

Aquarium Heater

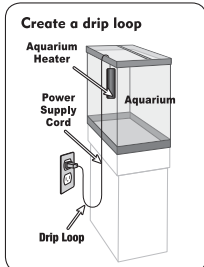
Y-818/A-818

**15W/25W/50W/100W/200W
300W/500W/800W**

Thanks for buying our heater. To ensure you use the heater safely and correctly, please read carefully and thoroughly this instruction.

Please note that we are not responsible for any failure caused by misuse or improper maintenance. Save this instruction for future use.

Important Safety Precautions



1. Please operate the appliance under the rated voltage and frequency indicated on the rating label or instruction manual.
2. To avoid the possibility of the appliance, plug or outlet getting wet, position aquarium stand and tank (or any other reservoir that the heater will be used in) to one side of a wall-mounted outlet to prevent water from dripping onto the outlet or plug. A drip loop, shown in the figure, should be arranged by the user for each cord connecting an aquarium appliance to an outlet. The drip loop is that part of the cord below the level of the outlet or the connector to prevent water from traveling along the cord and coming in contact with the outlet.

3. The power cord is not replaceable. If the power cord or the plug is found hurt or damaged, or the plug is found aged, stop using the heater immediately. Return the heater to the retailer / distributor for disposal, or dispose it by yourself.

Do not attempt to shorten the power cord, or to remove the plug.
Failure to meet this point may cause damage to the heater.

4. If abnormal smell or noise is found to the heater, unplug it immediately and check the cause. Contact your retailer / distributor if needed.
5. Make sure your hand and the plug is dry when plug in or unplug the heater. It is forbidden to plug or unplug the heater with a wet hand as this might cause electric shock.
6. Unplug the heater before installation and cleaning. Don't pull the power cord abruptly. To unplug, grasp the plug and pull it out from the receptacle.
7. Protect properly the heater. If severe collision happens to the heater, check if there is any damage. If there is any breakage, stop using the heater and destroy it.

Choose the right heater for your aquarium

It's critical to choose a device that can provide enough aquarium heat to maintain a healthy environment for your fish.

There are **three elements to consider** to determine the right heater for your aquarium size:

- Room temperature
- Aquarium water volume
- Desired temperature.

Most aquarium experts recommend that you determine your heater's power interms of watts per gallon (WPG). Typically, you will need around 2.5 to 5 watts per gallon in your tank.

So, for example, a 10-gallon aquarium would need a 25- to 50-watt heater.

Still, this is only a rough estimate - you will also need to consider the room temperature to make an accurate calculation.

If your room temperature is low, you will need a larger heater to raise the water temperature in your tank - a cold room may require more than 5 watts for each gallon of water.

Follow the chart below to choose the right heater for your aquarium.

TANK SIZE	HEAT (9°F/5°C)	HEAT (18°F/10°C)	HEAT (27°F/15°C)
5 Gallon (20 Liter)	25 Watt	50 Watt	75 Watt
10 Gallon (40 Liter)	50 Watt	75 Watt	75 Watt
20 Gallon (75 Liter)	50 Watt	75 Watt	150 Watt
25 Gallon (100 Liter)	75 Watt	100 Watt	200 Watt
40 Gallon (150 Liter)	100 Watt	150 Watt	300 Watt
50 Gallon (200 Liter)	150 Watt	200 Watt	350 Watt
65 Gallon (250 Liter)	200 Watt	250 Watt	400 Watt
75 Gallon (300 Liter)	250 Watt	300 Watt	450 Watt

- Hereby "HEAT" means the temperature you want to increase based on your room temperature.

How to use

● Installation

1. Fit the suction cups to the heater. Then use the suction cups to fix the heater onto the aquarium / reservoir.

2. ONLY FOR 200-800W MODELS –

Hang the controller with the attached hook. The hook is included in the package. Peel off the film of the sticker, stick it to the outside glass wall or your aquarium. Then hang the controller with the hook.

● Correct positioning

The heater should be FULLY SUBMERGED in water and be placed in an area with good water flow.

Always keep the thermostat away from water as it's not waterproof. Make sure there is a "drip loop" for the power cord.

● Switching of Fahrenheit and Celsius

The temperature can be displayed in both Fahrenheit and Celsius. To make thte switch, press and hold the SET button for 3 seconds, the unit will be changed to another (either from F to C, or from C to F). The digit of the new unit will flash for 3 times to confirm the change.

● Connect to the power source

Fully submerge the heater in water, then plug into the power source. The digital screen on the thermostat will show the set temperature stored in the memory and the current water temperature.

● Set the desired temperature

Short press the SET button to set the desired temperature. When the number reaches the desired temperature, stop pressing, the number will flash for 3 times to confirm the setting is completed and this number will be stored in the memory.

The valid temperature range is 59-93F or 15-34C. During the setting if the number exceeds 93F or 34C, the number will return to 59F or 15C.

Memory Function – If there is a power cut during the operation, the setting will be stored in the memory. When the power supply recovers, the heater will follow the stored set temperature. This function will protect your tank from overheating when there is a power cut incidentally, especially in the case the tank is unattended.

● Working status indicator

When the water temperature is lower than the set temperature, the heater will start to work. In this case the indicator will be RED.

When the water temperature reaches the set temperature, the heater will stop heating. In this case the indicator will be GREEN.

Note that it may take hours for the heater to heat the water to the set temperature depending on the water volume, ambient temperature and the water movement situation.

● Dry-run protection

If the heater is out of water and running dry, the screen will show error code E1. Fully submerge the heater into water, E1 will disappear.

● Overheating protection

If the water temperature exceeds 93F or 34C, the screen will show HH and the heater will stop working. The heater will start to work again when the water temperature goes lower than 93F or 34C.

1 YEAR STANDARD WARRANTY

This product is guaranteed for defective parts and workmanship for a period of 1 year from the date of purchase. This guarantee is valid with proof of purchase only. The guarantee is limited to repair or replacement only and does not cover consequential loss, loss or damage to livestock and personal property or damage to animate or inanimate objects, irrespective of the cause thereof. This guarantee excludes any damage caused by unreasonable use, negligence, improper installation, tampering, abuse or commercial use.