



Aquarium Compact Heater
Instruction Guide



IMPORTANT SAFETY INSTRUCTIONS

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

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WARNING

To guard against injury, basic safety precautions should be observed, including the following:

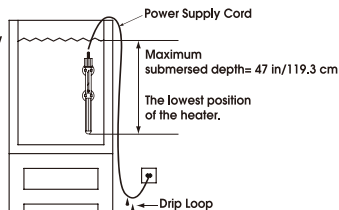
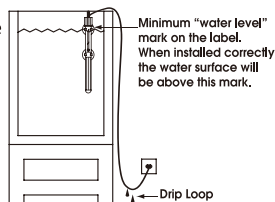
READ AND FOLLOW ALL SAFETY INSTRUCTIONS

CAUTION:

The maximum operation depth of this heater is 47 in (119.3cm).

DANGER: To avoid possible electric shock, special care should be taken since water is employed in the use of aquarium and pond equipment. For each of the following situations, do not attempt repairs by yourself; return the appliance to an authorized service facility for service or discard the appliance.

1. If the appliance shows any sign of abnormal water leakage, immediately unplug it from the power source.
2. Carefully examine the appliance after installation. It should not be plugged in if there is water on parts not intended to be wet.
3. Do not operate any appliance if it has a damaged cord or plug, or if it is malfunctioning or has been dropped or damaged in any manner.
4. To avoid the possibility of the appliance plug or outlet getting wet, position aquarium stand and tank 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 to the right, 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 if an extension cord is used, to prevent water traveling along the cord and coming in contact with the outlet.
5. If the plug or receptacle does get wet, DO NOT unplug the cord. Disconnect the fuse or circuit breaker that supplies power to the appliance. Then, unplug and examine for presence of water in the receptacle.
6. Close supervision is necessary when any appliance is used by or near children.
7. To avoid injury, do not contact moving parts or hot parts such as heaters, reflectors, lamp bulbs, and the like.
8. Always unplug an appliance from an outlet when not in use, before putting on or taking off parts, and before cleaning. Never yank the cord to pull the plug from the outlet. Grasp the plug and pull to disconnect.
9. Do not use an appliance for anything other than its intended use. The use of attachments not recommended or sold by the appliance manufacturer may cause an unsafe condition.
10. Do not install or store the appliance where it will be exposed to weather or to temperatures below freezing.
11. Make sure an appliance mounted on a tank is securely installed before operating it.
12. Read and observe all the important notices on the appliances.
13. If an extension cord is necessary, a cord with a proper rating should be used. A cord rated for less amperes or watts than the appliance rating may overheat. Care should be taken to arrange the cord so that it will not be tripped over or pulled.
14. This appliance has a polarized plug (one bladed is wider than the other). As a safety feature, this plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Never use with an extension cord unless the plug can be fully inserted. Do not attempt to override this safety feature.



SAVE THESE INSTRUCTIONS FOR FUTURE USE

SAVE THESE INSTRUCTIONS

DO NOT PLUG IN BEFORE CAREFULLY READING THE FOLLOWING INSTRUCTIONS

FEATURES

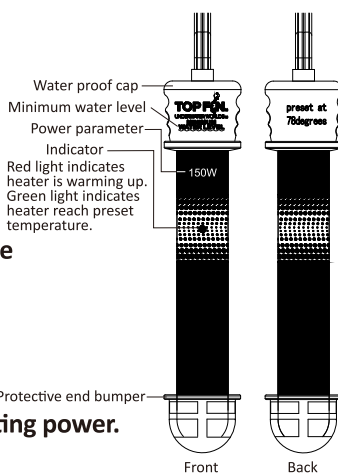
1. Preset temperature
2. Shatter-Resistant Quartz glass
3. Auto shut-off
4. Submersible
5. On/Off Light Indicator

OPERATING INSTRUCTIONS

This compact submersible heater is preset at a temperature of 78°F (25.5°C) , provided that the maximum difference between the ambient and preset temperature is less than 9.1°F (5°C).

Model	Power	Voltage (V)	Frequency (Hz)	Recommended aquarium size
CH50	50 Watt	120	60	5-10 gallons
CH100	100 Watt	120	60	10-20 gallons
CH150	150 Watt	120	60	20-30 gallons

It is necessary to monitor aquarium temperature on a regular basis with a reliable aquarium thermometer. If the set temperature is not reached due to various variables (lower environment temperature, large temperature fluctuations, or aquarium next to cooling sources), it will be important to increase the heating power.



ATTENTION

1. This heater is for underwater use only. Do not use dry or partially dry. A dry or partially dry heater may reach a temperature as high as 176°F (80°C) and could cause burns.
2. Top Fin compact heater could heat the up to sized tank water to preset temperature 78°F. For new tank, it needs to take 24 hours to stabilize the tank temperature before adding fish.
3. Suggest to use tank hood or glass top and keep it closed to avoid heat lass and water evaporation.

NOT FOLLOWING ALL SAFETY INSTRUCTIONS PROVIDED CONSTITUTES MISUSE AND MAY RESULT IN DAMAGE TO THE HEATER AND/OR AQUATIC ENVIRONMENT.

- Before removing the heater from your tank, always disconnect it from the power supply and let it cool for approximately 5 minutes.

SAVE THESE INSTRUCTIONS FOR FUTURE USE

- Do not operate the heater unless it is completely submersed.
- Never attempt to service or repair the heater in any way.
- Do not use and discard if either the cord or the heater are damaged.
- Do not tamper or damage the surface of the heater with scissors, nails or any sharp cutting object.
- Do not place hands or any object in the aquarium tank while the heater is connected to electrical mains and is operating.
- Close supervision is necessary if the heater is used near or by children.
- Do not yank the cord from the electrical outlet. Hold the plug and pull from the outlet.
- Make sure that the heater is properly installed before operating it.
- Only use extension cord with proper electrical ratings.
- This appliance is not intended for use by young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with the appliance.

DO NOT OPERATE THE HEATER:

- Under an A/C vent
- In direct sunlight
- Near a heat source
- Under a light source which is on for extended periods of time

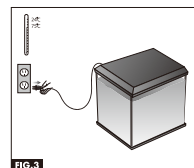
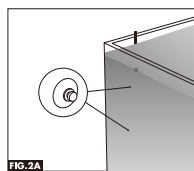
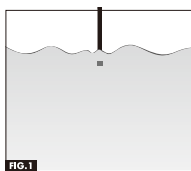
INSTALLATION

Before installation of the heater, be sure to read and understand all safety instructions and warnings.

1. Submerge the heater in the aquarium at least up to the connection with the electrical cord (see fig. 1).
2. Affix the heater, using the suction cup, to the side of the aquarium (see fig. 2A), or position it on the bottom (see fig. 2B). You can also cover it completely with gravel; this heater can operate in any position.
3. After positioning the heater, plug it in. Remember to keep your hands out of the aquarium (fig. 3).

MAINTENANCE

- Unplug or switch off all appliances in the aquarium before carrying out maintenance of the aquarium (for example, water changes). The appliance will overheat if the water level drops below the minimum water level marked on the heater.
- Do not use detergents or other chemical cleaners.
- To clean the heater, unplug and remove it from the tank. Wash the heater in clean water.
- When reinstalling the heater, select your desired location and position the heater below the minimum water level.
- This appliance has no user serviceable parts.
- For indoor use with an aquarium only, not in the bathroom. For use by adults only; this is not a toy.



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WARRANTY

This product has a warranty of 12 months under the normal use.

Warranty void if the glass breaks, misuse by the user or any modification.

No liability is assumed with respect to loss or damage to livestock or personal property irrespective of the cause thereof.

If you are not satisfied with this product, return it
with your valid proof of purchase for a
refund. Conditions apply.

See store or PetSmart.com for details.

For more information about Top Fin® products,
please call 1-888-839-9638.



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