

Instructions for use as floating Pond De-icer

- 1) For use in ponds up to 1500 gallons.
- 2) Follow all instructions from above for use as a submersible de-icer to create a hole in the ice if ice has already formed on your pond.
- 3) Reposition the cord so that it exits from the bottom of the unit. To do this you will need to carefully remove the plastic piece retaining the cord. When the piece has been removed reposition the cord and replace the plastic retainer.
- 4) Attach Thermo-Pond submersible Pond De-Icer Float attachment. (**Not included, sold separately**)
- 5) Try to position your heater with the float attachment over the deepest part of your pond keeping in mind to position your heater within arms reach of shore to avoid walking on thin ice.

Cleaning

After the winter season, wipe down your Thermo-Pond Submersible Pond De-Icer with a damp cloth and store indoors in a clean dry place. Always inspect your heater before use. If there are cracks in the cord or the plug is damaged do not use. Discard immediately.

Consult your pond professional on tips for overwintering fish.

K&H Limited Two Year Warranty

Our warranty is as follows: K&H Manufacturing warrants to the original consumer, that this product will be free of defects and workmanship for a period of two years from the date of purchase. The manufacturer's liability hereunder is limited to replacement of the product. This warranty is void if the product has been damaged by accident, unreasonable use, neglect, tampering, or other causes not arising from defects in material or workmanship.

To exercise your warranty: If, during the warranty period, your product malfunctions, return it to the place of purchase with your **original purchase receipt**. If this cannot be done, return the product, postage prepaid, to K&H Manufacturing, with **dated proof of purchase or original date receipt**. A return authorization number, obtained by calling (719) 591-6950 must accompany all returns to manufacturer. Please include a note explaining the problem when returning the product.

K&H Manufacturing, Inc.
Thermo-pond Perfect Climate Submersible Pond De-icer

▪ Thank you for purchasing a Thermo-pond Perfect Climate Submersible Pond-Deicer. When used properly your heater will maintain a hole in pond ice to help the proper gas exchange take place helping to keep your pond healthy during those crucial winter months.

Warning: This is an electrical product. Read all directions and precautions carefully before operating. Store indoors after winter season. Inspect cord before using. Do not use extension cords. **Read all instructions.**

For household use only

Caution: To provide continued protection against electrical shock.

- 1) Have a qualified electrician install a properly grounded outlet, acceptable for outdoor use and protected from snow and rain immediately adjacent to the location where the heater will be used.
- 2) Route supply cord and locate the heater so as to be protected from damage by livestock.
- 3) Do not use extension cords.
- 4) Inspect cord before using. If the cord is damaged do not use.
- 5) Unplug heater at receptacle outlet when not in use or before removal from pond.
- 6) Store heaters indoors after the winter season.
- 7) Never walk on thin ice.

Determining Pond Size

The formula used to determine the number of gallons of water in your pond is length x width x average depth x 7.5. These measurements must be in feet.

Example: A pond that is 6'L x 4'W x 1.5' average depth x 7.5 = 270 gallons.

Instructions for installation as a submersible de-icer

- 1) Follow all precautions and warnings.
- 2) The framework on the bottom side of your heater has 1/4" and 3/8" holes to insert tubing so your heater can be used in combination with a air or water pump to increase circulation.
- 3) Thermo-Pond Perfect Climate Submersible Pond De-Icer is designed to be used as a submersible pond de-icer in ponds up to 300 gallons. When using the heater in a larger pond follow the instructions for use as a floating pond de-icer.
- 4) The best time to install your heater is before ice forms on the surface of your pond.
- 5) Place heater in deepest part of your pond and run the cord to a properly grounded outlet remembering to protect cord from damage.
- 6) If ice has already formed on the surface of your pond drill a hole in the ice with an ice auger, do not chop through ice as the shock waves can damage or kill your fish. Then place your heater through the hole and run your cord to properly grounded outlet protecting the cord from damage.
- 7) If you do not have access to an ice auger place a large pan or bucket with water on the surface of the ice. Place your heater into the container and plug the heater into a properly grounded outlet. The heater will heat the water and container melting a hole in the pond ice. When a hole has been melted unplug the heater and remove the container. Place the heater through the hole and run the cord to a properly grounded outlet protecting the cord from damage.