ThermoSpas
ThermoClear

Mineral Sanitizer
For Spas and Hot Tubs

It's Compatible
ThermoClear can even be used with your Ozonator.

The Alternative to Bromine.*
Lasts a full 4 months. Designed to fit most portable hot tubs.

Controls Bacteria
Lasts a Full 4 Months

* Requires a small maintenance dose of non-chlorine oxidizer (MPS - Potassium Peroxymonosulfate) and an EPA registered dichlor (Sodium dichloro-s-triazinetrione) for initial and routine superoxidation and shock treatment.

ACTIVE INGREDIENTS:
- Metallic Silver** 0.92%
- OTHER INGREDIENTS 99.08%
- TOTAL 100.00%
- **From Silver Nitrate

KEEP OUT OF REACH OF CHILDREN
CAUTION
See back panel for additional precautionary statements.

NET CONTENTS: 98 grams (0.22 lbs.)
SPA CAPACITY: Up to 500 Gallons

EPA Reg. No. 67712-15-69317
EPA Est. No. 67712-CA-001
ThermoClear™
Mineral Sanitizer
For Spas and Hot Tubs

Owner's Manual
EPA Reg. No. 87712-15-99317
EPA Est. No. 87712-CA-001

IMORTANT: Spa Owner, save this manual!
Installer, leave this manual with the spa owner!

Safety Instructions
Important Information
Please read prior to installation.

ThermoClear has been designed to sanitize spas up to 500 gallons.

⚠️ ATTENTION
Failure to heed the following can result in permanent injury or death:

EQUIPMENT UNDER PRESSURE
• Always turn spa off prior to installing or changing ThermoClear.
• Your spa system is operated under pressure and the pressure must be released before you begin work. Please see your spa owner's manual for further instructions.

PREVENT CHILD DROWNING
• Do not let anyone, especially small children, sit, step, lean or climb on any equipment installed as part of your spa's operational system.

LOW CHLORINE RECIPE
• You must strictly follow the ThermoClear recipe included in this manual to maintain proper water chemistry and avoid health hazards. Failure to follow these instructions can lead to sickness from bacteria and other noxious organisms.

⚠️ CAUTION

PRECAUTIONARY STATEMENT
HAZARDS TO HUMANS AND ANIMALS

CAUTION:
In the unlikely event that a cartridge breaks, mineral media should not be ingested by humans or animals as it may cause digestive distress.

FIRST AID IF INGESTED: Call poison control center or doctor immediately for treatment advice.

The ThermoClear is designed only for residential portable spas.
Install the ThermoClear™

1 Brain and refill your spa. Balance the water per spa manufacturer guidelines.

2 Install the ThermoClear after water is balanced. Refer to Assembly and Installation Diagram below for instructions regarding your particular model’s installation.

3 Superoxidize the spa water with an EPA registered source of chlorine according to manufacturer’s instructions to burn off contaminants and activate cartridge.
   - Add 1.5 tablespoons of dichlor to spa per 250 gallons (approx. 1000 liters).
   - Note: 1.5 tablespoons is approximately 3/4 oz or 24 grams.
   - Do not enter the spa if the free available chlorine residual is over 5 ppm.

   **Important:** Initial superoxidation with dichlor is required to burn off contaminants and activate cartridge.

4 Run spa according to recommendations supplied to you by the manufacturer of your spa.

**ASSEMBLY AND INSTALLATION DIAGRAMS**

The ThermoClear comes in three parts.
The main body (A) and two support stems (B, and C).

1 Connect the support stems together and press onto main body to create a single device as shown.

**Note:** The ThermoClear is designed to fit most portable spas. ThermoSpas® assumes no liabilities for the product if installed in any way other than the methods described in this manual.

2 Slide the entire device into the core of your existing spa filter cartridge. See examples below.

**Open Top:**
Slide unit in from the top. Position near the top half of the cartridge. (Support stems may be cut to position the cartridge correctly.)

**Open Top with Stand Pipe:**
Some spa filter systems are configured with a standpipe running the length of the filter core. Simply slide unit in from the top. Position near the top half of the cartridge for easy retrieval.

**Closed Top:**
Slide unit in from the bottom. Position unit to rest on shelf inside filter core.

**Note:** When installed, the ThermoClear™ must be at least 1" (2.5 cm) above the bottom of the filter to prevent blocking water flow.

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1 Sodium dichloroisocyanurate dihydrate
Provide Filtration/Circulation

To manage: You need to:

Circulation  Follow the manufacturer's directions for keeping the circulating pump in good working order and operate it at least four hours a day.
Consult your ThermoSpas® dealer for optimum run times.

Filtration  Check the spa's filter periodically and clean it as recommended by the manufacturer.

ThermoClear™ Replacement Intervals

Use the month indicator decal to identify the date on which the cartridge should be replaced. Always turn spa off prior to installing or changing ThermoClear. Your spa is operated under pressure and the pressure must be released before you begin work. Please see your spa owner's manual for further instructions.

A cartridge lasts four (4) months. The cartridge should not be used longer than four (4) months.

Disposal

After four (4) months of use, discard ThermoClear in household trash. Do not save the cartridge for re-use. The cartridge is manufactured with the mineral media sealed inside. In the unlikely event a cartridge breaks, remove it and vacuum out any media introduced into the spa.

Limited Warranty

THERMOCLEAR™ LIMITED WARRANTY

The limited warranties contained within this document are the only warranties given with your ThermoClear and supersede any prior warranties. All other warranties, expressed or implied, including the implied warranty of merchantability or the implied warranty of fitness for a particular purpose are hereby disclaimed. Our sole obligation under this warranty, and the purchaser's sole remedy, is limited to repair or replacement of the ThermoClear. The ThermoClear warranty applies to the original owner only.

THE LIMITED WARRANTIES OF THE THERMOCLEAR ARE:

ThermoClear is warranted to be free of defects in materials and to perform satisfactorily for a period of four (4) months from the date of purchase. ThermoClear is warranted not to cause staining in your spa. This limited warranty requires that you exercise reasonable care of your spa and keep water in balance at all times. This limited warranty does not cover discoloration to chromium fittings. This warranty does not cover cartridges used with any biquanine products. If the cartridge is defective and does not perform satisfactorily for the entire first four (4) months, we will replace the cartridge.

EXCLUSIONS FROM WARRANTY

ThermoClear is designed for use on residential portable spas up to 500 gallons. If it is used in any other application, the warranty is void, and the purchaser and/or spa owner releases the manufacturer from any and all claims related to the use of the ThermoClear.

This warranty does not cover problems arising in whole or in part from purchaser's negligence, misuse or abuse, improper maintenance or storage, accident, improper installation, improper application, failure to follow all appropriate safety precautions, Acts of God, abnormal weather conditions, damage from plants or animals, and improper use of chemicals.

This warranty specifically excludes all incidental or consequential damages, except where state law requires them to be paid. This warranty gives you specific rights. You may have other rights that vary from state to state.

TO SUBMIT A CLAIM

Report claims to ThermoSpas by calling 203-265-6133. Only the original purchaser may submit a claim under this limited warranty. Claims must be accompanied by an original purchase receipt.
Nature2® Spa Test Strips

Just dip and swirl the Test Strip.

See accurate and reliable results on the levels of MPS, Alkalinity and pH in your spa's water.

Now available at your local ThermoSpas® Dealer.