



ZODIAC

Spring

Phosphate Eliminator

**Owner's
Manual**



Thank you for purchasing Nature² Spring. Please review all installation instructions and Safety Information before beginning installation. If you have questions or need further assistance, your Zodiac Nature² dealer can provide professional advice and service.

Important Safety Information



WARNING

Failure to heed the following can result in permanent injury or drowning.

Prevent Child Drowning

Do not let anyone, especially small children, sit, step, lean or climb on any equipment installed as part of your pool's operational system. Install system components at least 3 feet from the pool so children cannot use the equipment to access the pool and be injured or drown.

Equipment Under Pressure

Always turn pump off prior to installing or changing the Nature² Spring cartridge. The pump/filter system is operated under pressure and the pressure must be released before you begin work. Please see your pump/filter owner's manual for further instructions.

Nature² Spring Cartridge

Do not use Nature² Spring cartridge if broken. Do not remove a broken cartridge from the bag, instead place it into a larger bag and return it to Zodiac for replacement. Always wash hands with soap and water after handling the cartridge.

After cartridge installation, the pool water will turn cloudy to milky white. This indicates that phosphates are actively being removed from the water. Do not enter the pool until the water is clear enough to see the bottom of the pool.

Nature² Low Chlorine Recipe

To maintain proper water chemistry and avoid health hazards, you must strictly follow the low chlorine recipe included in the Nature² Owner's Manual. Failure to follow these instructions can lead to sickness from bacteria and other noxious organisms.

CAUTION

Do not remove Nature² Spring cartridge from bag until ready to install as solid material in cartridge will react with moisture in the air and turn to liquid.

Emergency First Aid Procedures:

For chemical emergencies, call CHEMTREC at 800-424-9300.

IN CASE OF SKIN CONTACT: Immediately wash skin with soap and water for at least 15 minutes.

IN CASE OF EYE CONTACT: Immediately flush eye with water for at least 15 minutes.

IF INGESTED: If large amounts are swallowed, drink plenty of water and get medical advice.

Installation

Before installing Nature² Spring, ensure the pool is clean and chemically balanced.

- Clean debris and algae out of the pool, and clean the pool filter.
- Take a sample of water to your dealer to be tested or use a test strip to balance the pool water to:

pH:	7.2 - 7.8
Total Hardness:	200 - 400 ppm
Total Alkalinity:	80 – 150 ppm

For specific water balancing instructions or assistance, contact your Nature² dealer.

1. Install the Nature² Spring cartridge into the Nature² vessel. If using Spring in mid-season, remove the Nature² cartridge, set it aside, then install Spring.
2. Clean your hands with soap and water.
3. Activate the Spring cartridge:

Run the pool filtration system for at least 15 minutes to dissolve the active ingredients in the cartridge and disperse them into the pool water. The water will turn cloudy to milky white indicating that the system is removing phosphates from the water. **Do not enter the pool.**

Note the pressure at the pool filter.

4. Remove the Spring cartridge. Drain it and dispose of it in the household trash.
5. Install a new Nature² Mineral Sanitizer cartridge into the Nature² vessel, or if using Spring in mid-season, re-install the existing Nature² cartridge.
6. Follow the instructions in the Nature² Cartridge Owner's Manual to activate the Nature² cartridge. Be sure to:
 - **Initial super oxidation with chlorine is required to activate a new cartridge.** Super oxidize or “shock” the pool water with chlorine following the manufacturer's guidelines. This step is not needed when re-installing a partially used Nature² cartridge in mid-season.
 - Run the filtration system 24 hours per day for 4 days. If re-activating a cartridge in mid-season, run pump/filter 24 hours per day for 2 days.

Important: Monitor backpressure of the filtration system during cartridge activation.

For cartridge or DE filters, if backpressure is greater than 20 psi, clean the filter and continue the activation. For sand filters, if the backpressure increases by 5-10 psi from the initial reading, backwash the filter and continue the activation. If the pool is not noticeably clearer within 24 hours, backwash or clean the filter again.

- If necessary, occasionally brush the bottom of the pool to distribute settled material.
 - Maintain at least a 1–2 ppm residual free chlorine level throughout the activation.
7. When activation is complete, let the free chlorine level drop to 0.5 ppm by reducing the amount of chlorine you add. **Do not enter the pool if the free chlorine level is above 3 ppm and until the bottom of the pool is clearly visible.**

Recipe

Follow the Nature² Low-Chlorine Recipe and care procedures to enjoy your Nature² sanitized pool.

Low-Chlorine Recipe

Ingredients:

- Nature² sanitizer
- Chlorine
- pH and total alkalinity adjusting chemicals
- Total hardness increaser
- Cyanuric Acid
- Water Test Kit

Care Procedures:

When:	What to do:
Everyday:	Run pump/filter at least 6 hours daily
Once a week:	Balance pH and Total Alkalinity
Twice a week:	Check free chlorine residual; add chlorine to maintain a level of 0.5 ppm.
As needed:	If water is hazy, super oxidize with chlorine according to manufacturer's instructions. Additional shocking is recommended following rainstorms or heavy bather load.



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