

67712-1

11-21-2002

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

EPA Reg. Number:
67712-1

Date of Issuance:
NOV 21 2002

NOTICE OF PESTICIDE:
 X Registration
 Re-registration

Term of Issuance:
CONDITIONAL

Name of Pesticide Product:
NATURE² G45-VC40

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP code):

Zodiac Pool Care
2028 N. W. 25th Avenue
Pompano Beach, FL 33069

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA Section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA Section 4.
2. Make the following labeling changes:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 67712-1".

Signature of Approving Official:

Marshall Swindell, Product Manager,
Team 33, Regulatory Management Branch I,
Antimicrobials Division

Date:

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3. Because of the uniqueness of this pool product which uses silver and copper in conjunction with chlorine, the Agency has determined that adding non-swimming pool uses (spas, jacuzzis, hot tubs, etc.) will require an Experimental Use Permit to develop field data (lab data for these potential uses is already satisfied by the swimming pool EUP data).

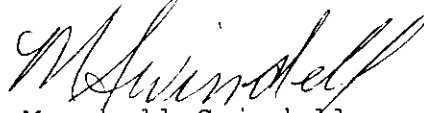
4. Submit three copies of a final printed production label.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA Section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the accepted label is enclosed for your records.

If you have any questions concerning this letter, please contact myself at 703-308-6341, or Tony Kish at (703) 308-9443.

Sincerely,



Marshall Swindell
Product Manager 33
Regulatory Management Branch 1
Antimicrobial Division(7510C)

Enclosure

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ACTIVE INGREDIENTS:

Metallic Silver**	3.51%
Copper sulfate pentahydrate***	8.23%
INERT INGREDIENTS	88.26%
TOTAL	100.00%

** From Silver Nitrate
***Copper (Cu) as metallic ...2.09%

* The Nature² System consists of the patented Nature² technology used in conjunction with a chlorine delivery device or 0.5ppm of an EPA registered chlorine pool product.
† Nature² technology consists of the minerals silver and copper.

EPA Reg. No. 67712-1

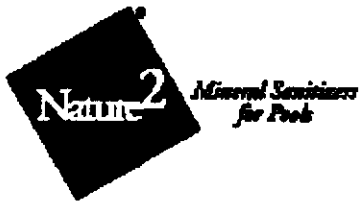
EPA Est. No. 67712-FL-001

KEEP OUT OF REACH OF CHILDREN
CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS



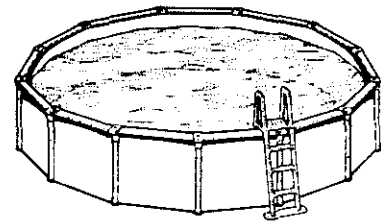
ZODIAC



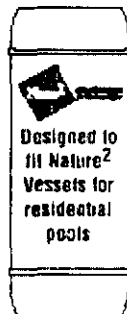
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Nature²® G45-VC40

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.
67712-1



The Mineral Cartridge
The Low Chlorine Alternative*



{above graphics/photos optional for any panel}

NET CONTENTS: [ONE CARTRIDGE] [ONE UNIT]

Note: Bracketed[] information is optional text/picture/diagram. Text separated by a comma(,)denotes-and/or-options. {Bracketed Text} is for administrative purposes only and will not appear on the printed label.

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{language on this page is required on all carton labels}

CHANGE THIS CARTRIDGE EVERY [SIX] [FOUR] MONTHS {may appear on any panel}
Use of this cartridge [for] longer than [four] [six] continuous months will void the warranty. Discard the cartridge at the end of [six] [four] months. {may appear on any panel}

PRECAUTIONARY STATEMENT
Hazards to Humans and Domestic Animals
Caution

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

FIRST AID

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

DISPOSAL

After [six] [four] months of use, discard cartridge 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 [the cartridge] and vacuum out any media introduced into the pool [water].

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

See owner's manual inside box for directions for use.



Zodiac Pool Care, Inc.
2028 NW 25th Avenue
Pompano Beach, FL 33069

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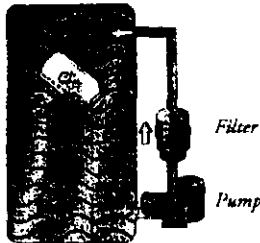
{language/pictures/diagrams on this page are optional and may appear on any panel of the carton label in any combination}

The Nature² System* effectively sanitizes your pool.

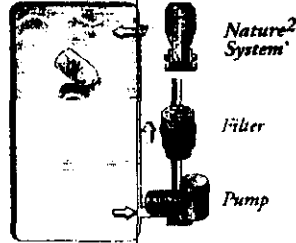
- Destroys bacteria and algae growth
- Reduces chlorine use to just 0.5ppm
- Restores water clarity
- [For inground and aboveground pools with cartridge filters up to 25,000 gallons]
- Install in seconds [- lasts [six] [four] months]
- [Mineral cartridge] Lasts [six] [four] months

Compare the Difference! {photo dependent on model}

Conventionally chlorinated pool



Nature² System* sanitized pool



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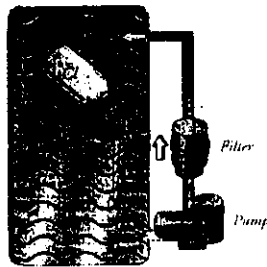
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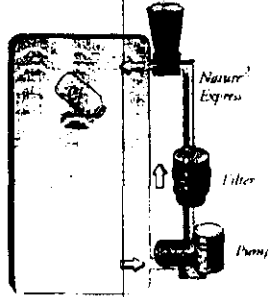
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OR

Conventionally chlorinated pool

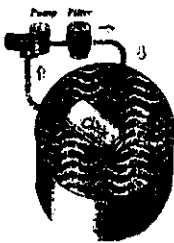


Nature² System* sanitized pool

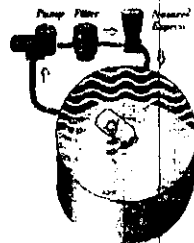


OR

Conventionally chlorinated pool



Nature² System* sanitized pool



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{language/pictures/diagrams on this page are optional and may appear on any panel of the carton label in any combination}

It's Nature² Technology. †

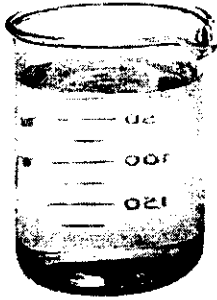
["Product name" features] Nature² technology [which] is an effective process that sanitizes pool water using minerals and just 0.5ppm chlorine.

To keep your patented Nature² Sanitizer operating properly, it is necessary to change this cartridge every [six] [four] months.

The Nature² System* improves water quality.

- The Nature² System* is an exclusive patented mineral technology.†
- [Lower chlorine levels] help[s] keep [the] pool pH balanced.
- Simply replace the cartridge every [six] [four] months.

Nature² water is brilliantly clear and soft



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Enhanced swimmer comfort.

- Reduces potential for stinging eyes, skin irritation and unpleasant odors.

Will not damage your pool equipment.

Satisfaction guaranteed.

It's compatible.

- Compatible with most pool maintenance products.****
- Will not damage your pool equipment.

**** Do not use this product with copper-based algaecides, bromine or bromide chemicals, or Biguanides (Baquacil®, SoftSwim®, Revacil®). Baquacil is a registered trademark of Zeneca Inc., SoftSwim is a registered trademark of Biolab, Inc. Revacil is a registered trademark of Mareva, Inc.

For Crystal Clear Water in All Types of Pools

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{language/pictures/diagrams on this page are optional and may appear on any panel of the carton label in any combination}

[Nature² G45 Cartridge For 35,000-45,000 Gallon Inground Pools]

[Nature² G35 Cartridge For 25,000-35,000 Gallon Inground Pools]

[Nature² G25 Cartridge For 10,000-25,000 Gallon Inground Pools]

[Nature² M25 Cartridge For 5,000-25,000 Gallon Inground Pools]

[Nature² VC Cartridge For inground pools from 5,000 – 20,000 gallons]

[Nature² VC 40 Cartridge For inground pools from 20,00 – 40,000 gallons]

Nature² [G Cartridge] M Cartridge] [VC Cartridge] [CF] [Express] [Express Cartridge]

For [Aboveground] [Inground] Pools [up to 25,000] Gallons

{these part numbers may appear on the respective corresponding label}

[P/N] [W] [22325] [22330] [22335] [22340] [22345] [22350] [22355] [222360] [22380] [22385] [20055] [20065] [22375] [29550] [28125] [28126] [28135] [28136] [28145] [28146] [28155] [28175] [28185] [28195] [20171] [20080] [29500]

{these are names of vessels (housings) to help the consumer determine the correct cartridge for their system}

Nature²

Fits all Nature² [Professional G], [Premium M], [R] [A] Vessels

[(Except Nature² Limited)]

[Nature², Vision, Claritec, Clear Vision, EcoSpring, Aquatech, Visipure, White River, Fafco, California, Hawaiian]

{optional cartridge/corresponding vessel checkbox}

Cartridge	Corresponding Vessel
<input type="checkbox"/> G25 10,000 - 25,000 Gallons	Professional G Inground Vessel
<input type="checkbox"/> G35 25,000 - 35,000 Gallons	Professional G Inground Vessel
<input type="checkbox"/> G45 35,000 - 45,000 Gallons	Professional G Inground Vessel
<input type="checkbox"/> M25 5,000 - 25,000 Gallons	Premium M Inground Vessel
<input type="checkbox"/> A30 5,000 - 30,000 Gallons	A Aboveground Vessel

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{Additional optional language/graphics for Express model}

Easy do-it-yourself in-line installation, in minutes [(fits 1 1/2" and 2" rigid PVC pipe)] [includes adapter that fits most aboveground pools]

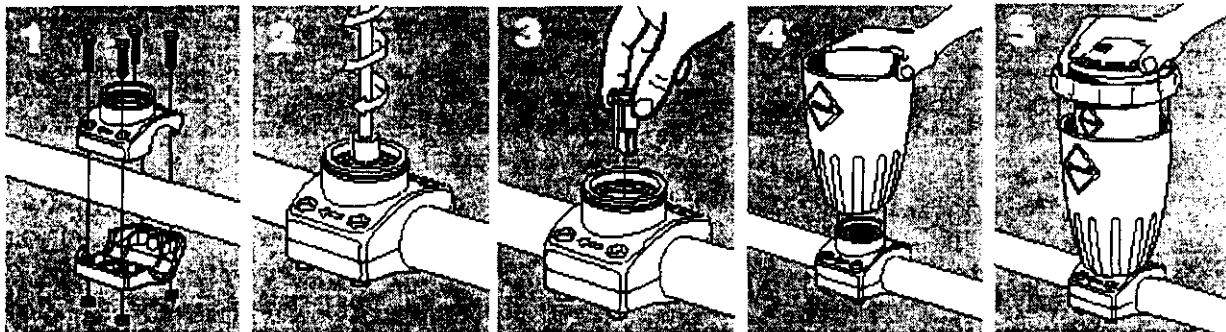
Just twist onto your existing Nature² Express Assembly

[REPLACEMENT CARTRIDGE FOR NATURE² EXPRESS] FOR [ABOVEGROUND] [AND] [INGROUND] POOLS

Installation is simple.

In just minutes you can install Nature² Express, activate the cartridge, and start enjoying a crystal clear Nature² pool. Nature² Express fits most aboveground [inground] pools up to 25,000 gallons [with 1 1/2" or 2" rigid PVC plumbing].

Nature² Express contains no moving parts and is unaffected by heavy use, hot weather and water temperature. You only have to change the replaceable cartridge every six months! Please refer to the operating manual for complete installation instructions.



Turn pool pump off. Secure clamp assembly on the return line. [For aboveground pools with corrugated pipe, use PVC adapter provided.]

Cut hole in rigid PVC pipe using a power drill and the hole saw that is provided.

Insert the flow diverter into hole and snap it into place.

Snap dispenser shell onto clamp.

Thread the cartridge into the clamp, turn on pool pump and activate the cartridge. Refer to your cartridge owner's manual for start up instructions.

PRODUCT SPECIFICATIONS

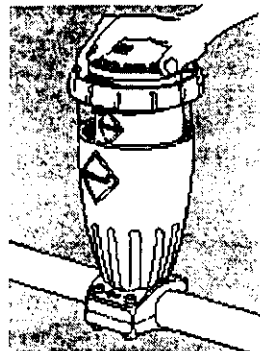
Capacity	For 5,000 to 25,000 gallon pools
Cartridge Life	6 months
Run Time	6 hours a day minimum

Installation Process:

Please refer to the Nature² Express Operating Manual for installation instructions.

Refer to the Nature² Express Owner's manual for start-up instructions.

Installation of a Nature² Express replacement cartridge takes just minutes. First turn off the pool pump. Then simply remove the existing cartridge from your Nature² Express Sanitizer and replace it with your new cartridge.



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{Additional optional language/graphics for Express model}



The
Mineral
Pool Sanitizer
The Low Chlorine Alternative*

{Additional optional language/graphics for Nature² CF model}

FOR INGROUND AND ABOVEGROUND POOLS WITH CARTRIDGE FILTERS



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{Additional optional language/graphics for Hayward model}
Hayward® Swimpure™



America's #1 Pool Water Systems
Hayward Swimpure™

Pool Sanitizing System for Hayward [Cartridge] [Top-Mount Sand] Filters

For Inground and Aboveground Pools

Easily installs in your Hayward cartridge filter – no external canister required

No electricity, no moving parts...it's powered by water flow

For Inground and Aboveground Pools with [Cartridge] [Sand] Filters

- For inground (up to 35,000 gallons)and aboveground (up to 25,000 gallons) pools with[sand] [cartridge] filters

Works on the following Hayward Cartridge Filters {filter names/model #/cartridge # may vary}

Hayward Filter	Hayward Filter Model #	Swimpure Cartridge #
Easy-Clear	C400	N2CN25
Easy-Clear	C550	N2CN25
ASL	C850	N2CN25
ASL	C1250	N2CW25
Star-Clear Plus	C751/900	N2CW25, N2CW35
Star-Clear Plus	C1200	N2CN25, N2CN35
Star-Clear Plus	C17502	N2CW25, N2CW35
Super Star-Clear/SwimClear	C2000/C2020	N2CN25, N2CN35
Super Star-Clear/SwimClear	C3000/C3020	N2CN25, N2CN35
Super Star-Clear/SwimClear	C4000/C4020	N2CN25, N2CN35
Super Star-Clear/SwimClear	C5000/C5020	N2CN25, N2CN35

{the following cartridge numbers may vary}

N2S25 (Hayward Top Mount IG or AG Sand Filters from 14" x 24" to 21" x 24")

N2S35 (Hayward Top Mount IG Sand Filters from 21" x 24")

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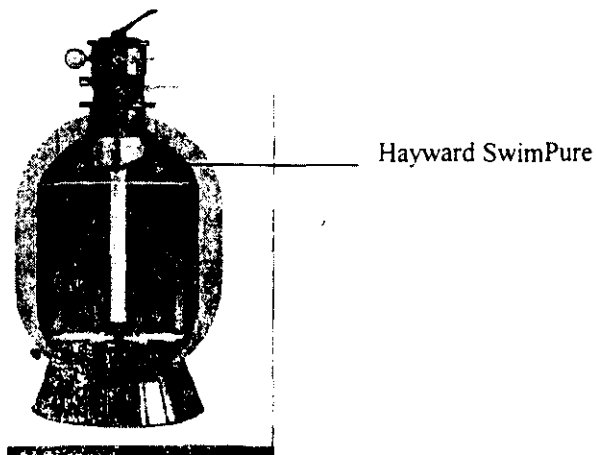
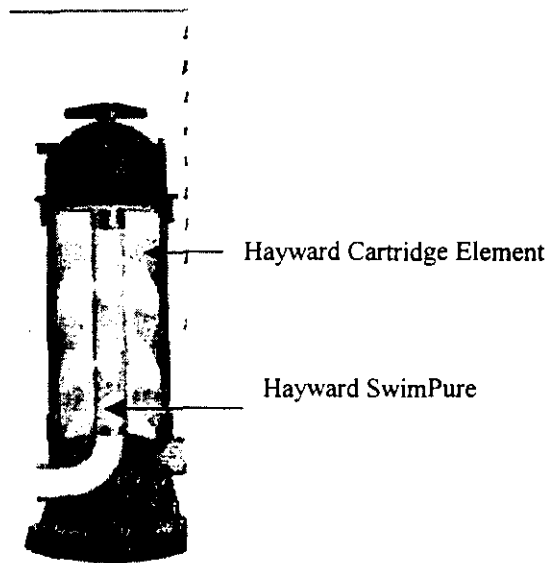


Visit our website at www.xxxx.xxx

[US Patent No. 6,004,458]

[US Patent No. 6,254,788]

[US Patent No. 6,287,462]



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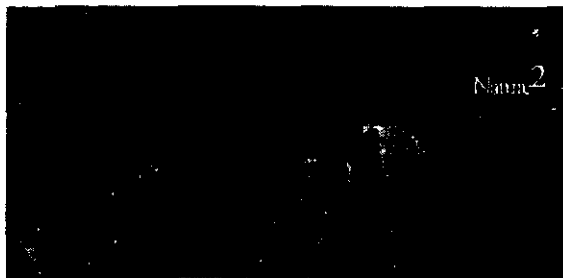
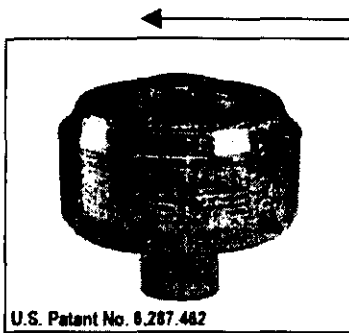
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Debris in unfiltered pool water is trapped by the Hayward cartridge element. Filtered water then passes through the SwimPure Mineral Sanitizing System and re-enters the pool.

{optional graphic for the sand cartridge}

Hayward Cartridge Element



The Nature² logo is a registered trademark owned by Zodiac Pool Care, Inc.

©Hayward

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Nature² G45-VC40 Owner's Manual

[For Inground Pools and Aboveground Pools]

{above is text/logo for Express}

EPA Reg. No. 67712-1 EPA Est. No. 67712-FL-001

[For Nature² G Cartridge, M Cartridge, VC Cartridge]

[Nature² CF Owner's Manual For Inground and Aboveground Pools with Cartridge Filters]

{Supplementals will insert their company name and go}

IMPORTANT

Pool Owner, save this manual! Builders, leave this manual with the pool owner!

We ask you to take the time to get familiar with this manual.

Thank you for purchasing Nature². We believe the more you know, the more enjoyable your family's swimming experience will be—and the more you will reduce the time, effort and cost of maintaining your pool. Pool owners who switch from conventional chemical programs to the Nature² System* spend less time maintaining their pools. Every pool has its own characteristics of water type, amount of sunlight, etc. The recipe [included in this manual] will help insure good water quality for your pool. Remember, your authorized [Zodiac Nature²] dealer can provide professional advice and service.

SAFETY INSTRUCTIONS – Important information. Please read prior to installation

{see attached page for optional information that may be placed here}

 ATTENTION	Failure to heed the following can result in permanent injury, [electrocution] or drowning.
--	--

[ELECTRICAL HAZARD]

- [Severe shock will likely occur as a result of a drill or drill cord coming in contact with water. Never allow electric drill or drill cord to come in contact with water. Only plug drill into a Class A (5 Milliampere Trip) protected Ground Fault Circuit Interrupter (GFCI) in accordance with the National Electrical Code Section 680. Please see your drill owner's manual for further safety precautions.]

EQUIPMENT UNDER PRESSURE

- Always turn pump off prior to installing or changing Nature² cartridge. Your 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.

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. Locate the components of your operational system at least 3 feet from the pool so children cannot use the equipment to access the pool and be injured or drown.

LOW CHLORINE RECIPE

- You must strictly follow the low chlorine 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 Domestic Animals

CAUTION

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

First Aid

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

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The Nature² Pool Sanitizer is designed only for residential pools.

* The Nature² System consists of the patented Nature² technology used in conjunction with a chlorine delivery device or 0.5ppm of an EPA registered chlorine pool product.

† Nature²™ technology consists of the minerals silver and copper.



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[Optional Table of Contents]

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Directions for Use:

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Nature² Compatibility

Nature² Systems* can be used with all types of pool chemical treatments available except bromine and bromide based chemicals, biguanide products (Baquacil¹, Softswim² or Revacil³) and copper based algacides. (¹A Trademark of Zeneca, Inc., ²A Trademark of Biolab, Inc., ³A Trademark of Mareva, Inc.)

Important: When converting either a biguanide or bromine treated pool to the Nature² System*, the pool must be completely drained and refilled. Then follow the Nature² cartridge start-up procedure below.

[Important: Please make sure that the Nature² cartridge you have selected corresponds to your swimming pool size based on gallons of water. Using a Nature² cartridge for an undersized pool may cause staining of the pool.]

Start Up

Before starting up a new [Nature²] cartridge, clean debris and algae out of the pool and [pool] equipment.

Important: *Do not install* the new cartridge until the pool water is clean and chemically balanced.

Balance pool water before installing [Nature²] [sanitizer] cartridge.

- pH 7.4-7.8
- Calcium Hardness 200-400 ppm
- Total Alkalinity 80-150 ppm

Consult with your Nature² dealer for specific water balance instructions.

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Balance the Water

To find out if your pool water is balanced:

- take a water sample to your dealer to be tested regularly, or
- ask your dealer to recommend a pool test kit for water balance.

Element: pH Range: 7.4-7.8	If it's too low:	The surface of your pool can become etched. Metal parts in the pump and plumbing will corrode.	How to fix:	Add pH increaser.
	If it's too high:	"Scale" forms on the surface of your pool. The water can become cloudy. Equipment can become damaged.	How to fix:	Add pH decreaser.
Element: Calcium Hardness Range: 200-400 ppm	If it's too low:	Water is less stable. In plaster pools, the calcium is taken out of the plaster, causing the surface to deteriorate.	How to fix:	Add calcium hardness increaser.
	If it's too high:	Rough, discolored deposits ("scale") will form on the pool surface and inside pool equipment.	How to fix:	Drain or dilute the pool water. Consult your dealer.
Element: Total Alkalinity Range: 80-150 ppm	If it's too low:	It provides no buffer so that you constantly get fluctuating pH readings, which can damage equipment and pool surfaces.	How to fix:	Use an alkalinity increaser.
	If it's too high:	White deposits ("scale") form on the tile line. The plaster on pool surface becomes rough or discolored. The water becomes cloudy or milky white.	How to fix:	Add acid to bring alkalinity down.

Install the Cartridge

1 Install the cartridge after water is balanced. [See] [Refer to] the [your] Nature² {the model name may also be inserted here} [vessel] operating manual for additional instructions [regarding your particular model's installation].

2 [Superoxidize] [Superchlorinate] the pool water with chlorine according to manufacturer's instructions to burn off contaminants and activate cartridge.

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

3 Run the circulating pump either:

- 24 hours a day for 4 days, maintaining 1-2 ppm [free] chlorine throughout, or
- 6 hours a day for 14 days, maintaining 1-2 ppm [free] chlorine throughout.

4 Let chlorine dissipate to 0.5 ppm once start up period is completed.

- Do not enter the pool if the free available chlorine residual is over 3 ppm.

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Recipe

There is one recipe for maintaining clean, clear, sanitized water with minimum time and effort. This recipe provides the easiest and most economical way to care for your Nature² pool.

Low-Chlorine Recipe Once the 4-day or 14-day start-up period is done, allow the free [available] chlorine residual to drop to 0.5 ppm (by reducing the amount of chlorine you add) then:

Ingredients:

- | | | |
|---|--|--|
| <ul style="list-style-type: none"> • Nature² cartridge • Chlorine granules, tablets, liquid or generator • pH and total alkalinity adjusting chemicals • Calcium hardness increaser, if needed • Water test kit | <p>When:</p> <p>Every day</p> <p>Once a week</p> <p>Twice a week</p> <p>As needed</p> | <p>What to do:</p> <p>Run pump and filter at least 6 hours every day.</p> <p>Balance pH and total alkalinity.</p> <p>Check chlorine residual; add chlorine to maintain at least 0.5ppm [free chlorine] [range using the chart below].</p> <p>If water is hazy, superoxidize with chlorine according to manufacturer's instructions. Additional shocking is recommended following rainstorms or heavy bather load. Do not re-enter the pool if the free available chlorine residual is over 3 ppm.</p> |
|---|--|--|

Add the following amounts of chlorine per 10,000 gallons of water to increase free chlorine by 0.5 ppm

Type of Chlorine Containing Compound	% Active Ingredient	% Available Chlorine Content	Ounce Quantity Required	Gram Quantity Required
Sodium Hypochlorite Liquid	5.25	5.25	12.7	361
Sodium Hypochlorite Liquid	9.2	9.2	7.3	206
Sodium Hypochlorite Liquid	10	10	6.5	184
Sodium Hypochlorite Liquid	12	12	5.6	158
Calcium Hypochlorite	65	64	1.1	30
Dichloroisocyanurate	99	62	1.1	30
Lithium Hypochlorite	29	35	1.9	54
Trichloro-s-triazintrione	99	90	0.7	21
Chlorine Gas, from any source including chlorine generators	100	100	0.7	19

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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 six hours a day. Consult your Nature² dealer for optimum run times.

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

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Troubleshooting Guide [Consult your Nature Dealer for additional assistance or call 1-888-537-6657.]

	Problem	What to look for	Treatment
Cloudy water Frequently caused by improper start up. See section on Start Up [and Install the Cartridge.]	Poor filtration	Slow filter turnover rates	1 Backwash and clean filter. 2 Run filter for 24 hours. 3 Increase run time per day.
	Algae growth	Hazy pool water, may have slightly green appearance.	[Superchlorinate] [Superoxidize] water with chlorine according to manufacturer's instructions and brush pool walls.
	Unbalanced water	1 High hardness 2 High TDS (total dissolved solids) 3 High pH 4 High total alkalinity	Balance the pool water.
Algae Algae may be caused by insufficient levels of oxidizer and/or inadequate water circulation.	Green algae	Pea green color; attaches to pool walls; sometimes colors the entire body of water.	1 Check pH and adjust if necessary. 2 [Superchlorinate] [Superoxidize] with chlorine according to manufacturer's instructions and brush pool walls. 3 Repeat steps 1 and 2 until algae is gone.
	Black algae	Black spots on pool walls.	1 Brush affected areas. 2 [Superchlorinate] [Superoxidize] water with chlorine according to manufacturer's instructions.
	Mustard algae	Yellow or brown film on steps or walls.	3 Add algaecide. 4 Vacuum pool. 5 Repeat steps 1 through 4 until algae is gone.
Note: Regular algaecide treatments are recommended for outdoor pools that experience persistent algae problems. Do not use algae treatments containing either copper or sodium bromide.			
Stains	Blue/green	Copper or iron from pool equipment corrosion or water supply.	1 Adjust pH and total alkalinity to ideal ranges. 2 Vigorously brush stained areas. 3 Add sequestrant.
	Red/brown	Iron or manganese from equipment corrosion or water supply.	4 Run filter. 5 Twelve hours later, [Superchlorinate] [superoxidize] pool.
	Black	Manganese in water supply.	6 Test and balance water.
	Metal tarnishing	High native mineral content in water; unbalanced water.	7 Test pool water for dissolved metals. Clean with soft cloth and mild detergent. Test water for minerals; use a sequestrant; maintain water balance.
Scale	Crusty deposits on pool surfaces.	High pH and high total alkalinity	Adjust pH and total alkalinity to ideal ranges.
		High TDS (total dissolved solids) or high hardness levels.	1 Replace a volume of pool water with water low in hardness and dissolved solids. 2 Use sequestrant to prevent scale buildup if high hardness levels are a continuing problem.

[If you need further assistance, please call 1-800-910-4378.]

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Nature² Cartridge Replacement Intervals

[Use the month indicator ring on the top of the [cartridge] [unit] to identify the date on which the cartridge should be replaced.] Always turn pump off prior to installing or changing [a] Nature² {the model name may be inserted here} cartridge. Your pump/filter is operated under pressure and the pressure must be released before you begin work. Please see your pump/filter owner's manual for further instruction.

A cartridge lasts [six (6)] [four (4)] months or one season, whichever is shorter. The cartridge should not be used longer than [six (6)] [four (4)] continuous months.

{The frost-belt and sun-belt information is optional language that may be used in some but not all owner's manuals}

[In frost-belt regions (3-6 month pool season):

Discard your used system when you close your pool at the end of the season. Install a new system when you open your pool in the spring.]

[In sun-belt regions (7-12 month pool season):

Replace your Nature² cartridge every 6 months whether or not you plan to use the pool for swimming.]

Winterizing Your Pool

Use these steps as a guide. Consult your dealer for specific information [in] [on] your area.

Warm Climate

- 1 Reduce the number of hours the pump runs since the cooler weather decreases the spread of algae and other pollutants.
- 2 There is no need to [superoxidize] [superoxidize] the pool during cool weather unless the water becomes cloudy (as may occur after a winter storm). See Cloudy Water in Troubleshooting section.

Cold Climate

- 1 Check total alkalinity and pH of pool to make sure that they are in proper balance.
- 2 Vacuum the pool bottom to remove any debris or other potential contaminants.
- 3 [Superoxidize] [Superchlorinate] the pool with chlorine according to manufacturer's instructions to clear the water.
- 4 Add a winter algaecide following manufacturer's instructions.

Important: Do *not* use a winter algaecide with copper in it. [This will void the Nature² no-stain warranty.]

- 5 Backwash the filter.
- 6 Drain part of the pool water. The amount to drain varies from one part of the country to another. Consult your dealer for advice.
- 7 Remove the [Nature²] [sanitizer system] cartridge and discard with household trash.
- 8 Winterize the pipes with pool antifreeze following manufacturer's instructions.
- 9 Drain the water out of all equipment (pump, filter, etc.)
- 10 Store all baskets, hoses and cleaning equipment, indoors if possible.
- 11 Cover the pool with a winter cover.

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Disposal

After six [four] months of use, discard [Nature²] cartridge 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 pool.

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{language/pictures/diagrams on this page are optional and may appear on any panel of the carton label in any combination}

{The following warranty statement(s) will not be on supplemental labels}

Limited Warranty

Nature²⁰ Limited Warranty

The limited warranties contained within this document are the only warranties given with your Nature²⁰ [insert model name] [Sanitizer] Cartridge and supercede 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 Nature²⁰ [Professional G] [Premium M] [VC] [Express] [CF] [Sanitizer cartridge], [or one of its parts]. The Nature²⁰ warranty applies to the original owner only.

[THE LIMITED WARRANTIES OF THE NATURE²⁰ [Professional G] [Premium M] [VC] [CF] [Express] [Cartridge] [Inground] SANITIZER [ARE]]:

[The] Nature²⁰ [Professional G] [Premium M] [VC] [CF] [Express] [Sanitizer] [cartridges] are [is] warranted to be free of defects in materials and to perform satisfactorily for a period of six [four] months from the date of purchase. Nature²⁰ [insert model name] [Sanitizer] cartridges are warranted not to cause copper staining in your pool. This limited warranty requires that you exercise reasonable care of your pool and keep water in balance at all times and not use a copper-based algaecide. This [limited] warranty does not cover discoloration to chromium fittings. This warranty does not cover cartridges used with any biguanide products such as Baquacil[®] or Soft Swim[®] or any products containing Bromine or Bromine-based chemicals. If the cartridge is defective and does not perform satisfactorily for the entire [six] [four] months, we will [make a prorata rebate based on your actual period of use. You are responsible to pay the below-indicated percentage on the then applicable retail cost: <1 month-0%; 1-2 months-25%; 3-4 months-50%; 5-<6 months-75%.] [replace your cartridge].

EXCLUSIONS FROM WARRANTY

[The] Nature²⁰ [Professional G] [Premium M] [VC] [CF] [Express] [Sanitizer] [Cartridges] [is] [are] designed for use on [inground] [and] [aboveground] pools from [5,000 to 25,000] [5,000 to 45,000] gallons [depending on cartridge model]. If it is used in any other application, the warranty is void, and the purchaser and/or pool owner releases the manufacturer from [any and] all claims related to the use of the Nature²⁰ [Sanitizer] [Express].

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 Zodiac Pool Care, Inc. by calling 1-888-537-6657. Only the original purchaser may submit a claim under this limited warranty. [All] Claims must be accompanied by an original purchase receipt.



Zodiac Pool Care, Inc.
10000 NW 25th Avenue
Pompano Beach, FL 33069
1-800-455-PLRE
www.nature2.com

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Nature2 is a registered trademark [owned by] [of] Zodiac Pool Care, Inc.

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{optional manual part numbers} [W17545] [W17510] [W17570]

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{optional chart for Nature² cartridges}

CARTRIDGE CAPACITY

G Cartridge	10,000 - 25,000 gallons
	25,000 - 35,000 gallons
	35,000 - 45,000 gallons
M Cartridge	5,000 - 25,000 gallons
VC Cartridge	5,000 - 20,000 gallons
	20,000 - 40,000 gallons

{optional language for Safety Instructions}

Nature² [G Cartridge, M Cartridge and VC Cartridge] [CF] [Express Cartridge] [have] [has] been designed to sanitize swimming pools from [5,000 to 25,000] [5,000 - 45,000] gallons [depending on cartridge model. Make sure that your Nature² [Sanitizer] Cartridge corresponds with the proper vessel and is appropriate for your pool size by consulting the chart above.]

{additional optional chart for Hayward supplementals}

This owner's manual covers the following SwimPure cartridges:

- N2CN25 - For inground or aboveground pools 5,000 - 25,000 gallons
- N2CN35 - For inground pools 25,000 - 35,000 gallons
- N2CW25 - For inground or aboveground pools 5,000 - 25,000 gallons
- N2CW35 - For inground pools 25,000 - 35,000 gallons

- N2S25 - For inground or aboveground pools 5,000 - 25,000 gallons
- N2S35 - For inground or aboveground pools 25,000 - 35,000 gallons

{additional optional descriptive language for Hayward supplementals}

For inground and aboveground pools with [cartridge] [sand] filters

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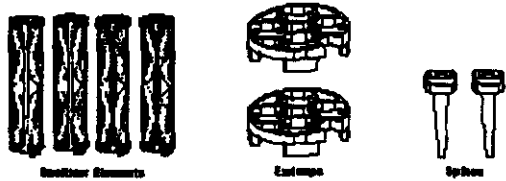
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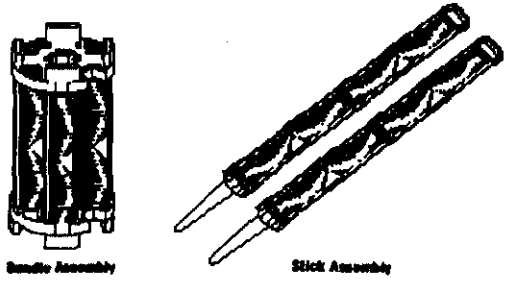
Assembly

The filter is composed of 4 mesh-like elements, 2 end caps and 2 end spacers.



Depending upon the size of your swimming pool, cartridge filter elements can be assembled as a bundle of 4 mesh-like elements or as 2 pairs of 2 elements each.

NOTE: This should first be done to test the cartridge assembly.



Decide which Nature² CF assembly is right for your pool filter.

1. Turn off the pump and disconnect the pool filter to allow assembly, avoid to use the cartridge.
2. Check to see if the endcap fits easily into the end of your cartridge filter.
 - If it does, use the Bundle Assembly.
 - If it does not, use the Stick Assembly.

Stick Assembly

Important: Always use 2 elements for Stick Assembly.

1. Snap two mesh-like elements together on the end cap and end spacer.



2. Snap the end spacers to one end.

NOTE: Make sure the end cap is properly seated on the mesh-like elements as the filter may leak.



Start Up

Prior to start up:

- Before starting up a new cartridge, clean debris and algae out of the pool and pool equipment.

Important: Always check the flow cartridge and the pool water level and chlorine alkalinity.

- Before the pool water before installing cartridge cartridge:

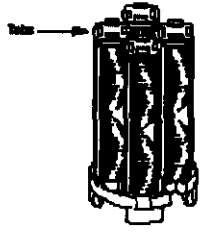
pH	7.4-7.6
Calcium hardness	200-400 ppm
Total alkalinity	100-150 ppm

For details on how to adjust pH, calcium hardness, and alkalinity.

Bundle Assembly

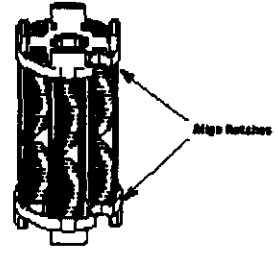
The filter is the center of the endcap accommodates a cover and should your filter have a cap.

1. Lay an end cap on a flat surface and snap the 4 mesh-like elements into it, so that the ends are pointed up.



2. Snap the other end cap on top.

Important: Be sure that the filter on each end cap fits up to the filter to accommodate an end cap.



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