• Kills Bacteria.
• Brilliantly Clear, Odor Free Spa Water.
• Enhanced Bather Comfort.
• Vision Lasts Up To 6 Months.
• Reduce Chlorine Usage

when used in combination with MPS**

KEEP OUT OF REACH OF CHILDREN

CAUTION
See side panel for additional precautionary statements.

ACTIVE INGREDIENTS:
METALLIC SILVER* ___________ 0.92%
OTHER INGREDIENTS ___________ 99.08%
TOTAL ___________ 100.00%

* from silver nitrate
** Potassium peroxymonosulfate

Net Contents: 148g (0.33 lbs.)
Spa Capacity: Up to 500 gal.

EPA Reg. No. 67712-15-72857
EPA Est. No. 67712-CA-001

Please refer to the operating manual for complete installation instructions.

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 the Poison Control Center or a doctor immediately for treatment advice.

STORAGE / DISPOSAL
Storage - store in areas inaccessible to small children.
Disposal - After 6 months of use, discard cartridge in household trash. Do not saves the cartridge for re-use. The cartridge is manufactured with mineral media sealed inside. In the unlikely event a cartridge breaks, remove it and vacuum out any media introduced into the spa 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.

CHANGE THIS CARTRIDGE EVERY 6 MONTHS
Use of this cartridge for longer than six continuous months will void the warranty.
Discard this cartridge at the end of six months.
Vision has been designed to work exclusively in D1 Spas by utilizing water flowing through the D1 Water Management System.

**Vision**
THE Spa Sanitizer

- Kills Bacteria.
- Brilliantly Clear, Odor Free Spa Water.
- Enhanced Bather Comfort.
- Vision Lasts Up To 6 Months.
- Reduce Chlorine Usage
  when used in combination with MPS**

KEEP OUT OF REACH OF CHILDREN

CAUTION
See side panel for additional precautionary statements.

EPA Reg. No. 67712-15-72857
EPA Est. No. 67712-CA-001

Net Contents: 148g (0.33 lbs.)
Spa Capacity: Up to 500 gal.

ACTIVE INGREDIENTS:
METALLIC SILVER* ______ 0.92%
OTHER INGREDIENTS ______ 99.08%
TOTAL ______ 100.00%

* from silver nitrate
** Potassium peroxymonosulfate

Nature² is covered by the following U.S. patents: 5,352,369; 5,772,896; 5,936,609; D385946; 5,779,913; 6,019,893; 6,165,358
Nature² and Vision are a registered trademark of Zodiac Pool Care, Inc., an affiliate of Zodiac Pool Systems, Inc.

Do not use this product with copper algaecides or Biguanides
Important: Spa Owner, save this manual. Installer, leave manual with spa owner.

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

EPA Reg. No. 67712-15-72857
EPA Est. No. 67712-CA-001

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

Attention:
Not to be used with product containing biquanidies. If biquanide or bromine products are being used, be sure to drain and refill with fresh water when using the low chlorine recipe.

WHEN:
WHAT TO DO:
START UP:
- Before starting up a new Vision, clean debris and algae out of the spa and spa equipment.
- Never install the new Vision until the spa water is clean and chemically balanced.
- Balance spa water before installing Vision.
  - pH 7.2 - 7.6
  - Calcium Hardness 200 - 400 ppm
  - Total Alkalinity (TA) 80 - 120 ppm
  - Total Dissolved Solids (TDS) 300 - 2000 ppm
- Test for iron, copper and manganese - add a sequestering agent per instructions if present.
- Consult with your Vision dealer for specific water balance instructions.

INSTALL VISION:
- Add 17 Tablespoons of dichlorite® to spa per 250 gallons (approx 1000 liters) NOTE: 1 Tablespoon is approximately 5 oz or 24 grams.
- Do not enter the spa if the free available chlorine residual is over 5 ppm.

EVERY DAY:
- Run spa according to recommendations supplied to you by the manufacturer of your spa.

BEFORE EACH USE:
- Test the water with the Nature2 Spa Test Strip (or equivalent). If the MPS level is low, add 1 tablespoon of MPS to spa per 250 gallons (approx. 1000 liters). (Note: 1 tablespoon is approximately 0.5 ounces or 16 grams)
- Use the Nature2 Spa Test Strip (or equivalent) to test the spa water after each addition of MPS. If the test strip indicates levels below the OK range, add 1 tablespoon of MPS to spa per 250 gallons and re-test. Enter spa only after test strip indicates a sufficient level of MPS.

AFTER EACH USE:
- Add 1 tablet of MPS® to spa per 250 gallons (approx. 1000 liters).

ONCE PER WEEK:
- Adjust the pH, total alkalinity and hardness as needed. A convenient way to test pH and total alkalinity is the use of the Nature2 Spa Test Strip.

EVERY 6 MONTHS:
- Drain and refill your spa. Replace Vision, repeat sanitizer start-up.

AS NEEDED:
- Shock treat with 1.5 tablespoons of an EPA registered source of dichlorite® per 240 gallons (approx. 1000 liters) to remedy problems which may occur when balancing loads are high, when successive MPS test strip readings indicate high demand, when water appears hazy or dull, when unpleasant odors or eye irritation occur, after heavy rain and storms or if foam develops.
- As an alternative to MPS, an EPA registered source of dichlorite® may be substituted. 1 tablespoon dichlorite® is approximately 3 tablespoons MPS.
- IMPORTANT: Perform start-up procedures for spa which have been unused or Unfiltered. The Vision cartridge is not to be used with products containing biquanidies. If biquanide or bromine products are being used, BE SURE TO DRAIN AND REFILL SPA WITH FRESH WATER WHEN USING THE LOW CHLORINE RECIPE.

*potassium permanganate
**medium dichloroisocyanuric acid trihydrate

SAFETY INSTRUCTIONS

PLEASE READ PRIOR TO INSTALLATION.

ATTENTION: FAILURE TO HEED THE FOLLOWING CAN RESULT IN PERMANENT INJURY, OR DROWNING.

EQUIPMENT UNDER PRESSURE:
- Always turn spa off prior to installing or changing Vision. Your spa system is operated under pressure and the pressure must be released before you begin work. Please see your spa's 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 Vision 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.

VISON REPLACEMENT INTERVALS:
- A cartridge lasts six (6) months. This cartridge should not be used longer than six (6) months.

VISION INSTALLATION PROCEDURES:

Step 1: Wait 48 hours after adding Sequesterant before installing Vision cartridge. Rinse the Vision cartridge to remove any loose dust or fragments that may have been created as a result of shipping.

Step 2: If your spa is:
- a. 2000 to current year model spas with the UltraPure™ Water Management System manufactured in 2000 and after:
  1. While standing above the filter area, remove the UltraPure filter compartment lid.
  2. Remove 8” skimmer cover on the right.
  3. Adjust the Replacement Reminder Date Ring on top of the Vision cartridge. See Figure A for details.
  4. Place the Vision Cartridge on top of the UltraPure filter, then replace the 8” filter flange and filter compartment lid.
- b. 1996 - 1999 model spas with the UltraPure™ Water Management System:
  1. While standing over the filter area, remove the UltraPure filter compartment lid.
  2. Remove the 5” filter flange (cross pattern cover)
  3. Adjust the Replacement Reminder Date Ring on top of the Vision cartridge. See Figure A for details.
  4. Place the Vision Cartridge on top of the UltraPure filter, then replace the 5” filter flange and filter compartment lid.
- c. 1998 to current year model spas with the ClearZone® or 1992 to current year model spas with the CrystalZone® Water Management System:
  1. Remove filter compartment lid.
  2. Remove 8” skimmer basket.
  3. Adjust the Replacement Reminder Date Ring on top of the Vision cartridge. See Figure A for details.
  4. Place Vision cartridge on top of the 75 sq. ft. filter, then replace the 8” Skimmer Assembly and filter compartment lid.
- d. 1989 to 1996 model spas with the CrystalPure Water Management System:
  1. Remove the CrystalPure canister lid by unscrewing it in a counter-clockwise direction.
  2. Remove the threaded filter retaining nut, or threaded basket/id assembly at the top of the filter cartridge. While holding down the filter, screw the threaded side of the Vision cartridge onto the top of the filter stand pipe. The Vision cartridge will now hold the filter in place - do not over-tighten.
  3. Adjust the Replacement Reminder Date Ring on top of the Vision cartridge. See Figure A for details.
  4. Reinstall the Crystal Pure canister lid by screwing it in a clock-wise direction - do not over-tighten.
DISPOSAL
After six (6) months of use, discard Vision® in household trash. Do not dispose of the cartridge for reuse. 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.

TROUBLESHOOTING
If you have never tested your water conditions, or if your water source has changed, you will need to retest your water to determine your water’s basic characteristics. When testing your water, always start with clean, fresh water. When using Vision, DO NOT follow the standard Water Care instructions in your Spa Owner’s Manual. Please follow the following instructions for the water chemistry start-up.

Step 1: Test your “source water” for Calcium Hardness, Total Dissolved Solids (TDS) and metals (ie. Iron, Copper, Manganese) Consult with an authorized Dimension One Dealer if you need assistance testing your “source water”. Knowing these three “source water” conditions is important to properly balance your spa water. Properly balanced water can greatly prolong the longevity of your spa’s equipment and make it easier to maintain clean clear water. The following three “source water” conditions typically should be tested once per week, and should be retested if you move or if your “source water” changes.

a) Calcium Hardness levels should be between 200 and 400 ppm (parts per million). If it is not, use Calcium – Hardness Increaser (Calcium Chloride) to raise the Calcium Hardness level accordingly. (Acceptable range is 200-400 ppm)
b) TDS should be above 300 ppm. Example: If your Calcium Hardness is 200 ppm and the TDS is only 200 then you may add 1.5 ounce Sodium Chloride (common table salt) to raise TDS to the 300 ppm (minimum ppm). 1 ounce of Sodium Chloride per 100 gallons of spa water will raise TDS by approx 30 ppm. (Acceptable range is 300-2000 ppm)
c) If metals are present add recommended dosage of a sequesterant agent, while water is being added to the spa. Wait 48 hours after adding sequesterant before installing cartridge.

Tip: Estimated Equivalents
3 teaspoons = 1 tablespoon
2 tablespoons = 1 ounce

Step 2: Test the Total Alkalinity (TA) and pH utilizing Test Steps. With the jets turned off, dip the test strip 12-18 inches into the water and wait three times for an accurate reading (be sure to follow the procedures as detailed on the container). TA should read between 80-120 ppm and pH should read between 7.2-7.6. Please use the following guidelines should you need to make adjustments:

a) Water Condition: Total Alkalinity above 120 ppm
Add 1 ounce of pH/Alkalinity Decreaser with the jets turned off into the center of the spa. Wait 1 minute, then turn jets on and run at high speed for at least 5 minutes. Turn jets off, retest and repeat procedure until the TA reads close to 80 ppm.

b) Water Condition: Total Alkalinity below 80 ppm
Add 1 ounce of pH/Alkalinity Increaser with the jets turned on high speed. Continue running jets on high speed for at least 5 minutes. Turn jets off, retest and repeat procedure until the TA reads close to 80 ppm.

Step 3: pH Test
When Total Alkalinity is below 80 ppm the pH will change faster than the Total Alkalinity.

a) Water Condition, pH above 7.6
Test and adjust Total Alkalinity per the above instructions then test and balance the pH. Add 1 ounce of pH/Alkalinity Decreaser with the jets turned on high speed. Continue running jets on high for at least 6 minutes. Turn jets off, retest and repeat procedure until the pH reads 7.2-7.6.

b) Water Condition, pH below 7.2
Test and adjust Total Alkalinity per the above instructions then test and balance the pH. Add 1 ounce of pH/Alkalinity Increaser with the jets turned on high speed. Continue running jets on high for at least 6 minutes. Turn jets off, retest and repeat procedure until the pH reads 7.2-7.6.

Step 3: Add 1.5 tablespoons dichlor™ to spa per 250 gallons (approx. 1000 liters). Do not enter the spa if free available chlorine residual is over 5 ppm.

Water clarity is obtained by properly balanced water and good filtration. If either is not correct, the water may appear cloudy or dull. Check the spa’s filter periodically and clean it as recommended by the manufacturer.

Remember that hot water can carry many forms of bacteria, but the combination of Vision Plus an oxidizer, like Chlorine or MPS®, is not a guarantee for “bacteria-free” water. Maintaining your spa in accordance with manufacturer’s suggested guidelines will help ensure clear and enjoyable water.

Vision is a registered trademark of Zodiac Pool Systems, Inc.

EXCLUSIONS FROM WARRANTY
Vision 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 Vision. 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 Dimension One Spas by calling 760-727-7727. Only the original purchaser may submit a claim under this limited warranty. Claims must be accompanied by an original purchase receipt.

Vision Notes:
- Replace the Vision cartridge every six (6) months. Refer to the Date Ring to help you remember when it is time to replace it.
- The combination of Vision plus an oxidizer is designed to significantly reduce the need for conventional sanitizers. It is important to realize, however, that any sanitizer or bactericide can be over-taxed, meaning that an EPA registered source of chlorine may need to be used from time to time in small dosages.
- Vision has a relatively neutral pH (7.4) and will help minimize the undesirable accumulation of high total dissolved solids (TDS) commonly experienced with the use of conventional chemical sanitizer maintenance schedules.
- Stain & Scale and Metal Sequestrant products are to be used only upon start-up and/or water changes. WAIT AT LEAST 48 HOURS PRIOR TO INSTALLING THE VISION CARTRIDGE, as they may reduce the effectiveness of Vision.
- If the water is significantly cloudy or any odor is present in the water, do not enter the spa. Test and balance TA and pH as needed, and add 1.5 tablespoons dichlor™ to spa per 250 gallons (approx. 1000 liters). Do not enter the spa if the free available chlorine residual is over 5 ppm.
- Water clarity is obtained by properly balanced water and good filtration. If either is not correct, the water may appear cloudy or dull. Check the spa’s filter periodically and clean it as recommended by the manufacturer.
- Remember that hot water can carry many forms of bacteria, but the combination of Vision plus an oxidizer, like Chlorine or MPS®, is not a guarantee for “bacteria-free” water. Maintaining your spa in accordance with manufacturer’s suggested guidelines will help ensure clear and enjoyable water.

The limited warranties contained within this document are the only warranties given with your Vision 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 Vision. The Vision warranty applies to the original owner only.

THE LIMITED WARRANTIES OF THE VISION SPA ARE:
Vision is warranted to be free of defects in materials and to perform satisfactorily for a period of six months from the date of purchase. Vision 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 coverages used with any biguanide products. If the cartridge is defective and does not perform satisfactorily for the entire six (6) months, we will replace the cartridge.

*Potassium Perxymonosulfate
**Sodium Dichlorosuccinate dihydrate

DIMENSION ONE SPAS
2611 Business Park Dr
Vista California 92081
www.D1.com

P/N 0151-003 Rev D
TL-217-A 05/09