Vision has been designed to work exclusively in D1 Spas by utilizing water flowing through the D1 Water Management System.

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

which past in combination with NYS®

KEEP OUT OF REACH OF CHILDREN
CAUTION
See adult use for additional information.
EPA Reg. No. 67712-15-72857
EPA En. No. 67712-04-000

Active Ingredients
Metallic Silver 0.02%

Other Ingredients
20.00%

* from Darkness
** from Darkness plus 1% to 2% Calcium Hardness

Net Contents: 1,486 g (51 oz)
Spa Capacity: Up to 500 gal.

EPA Reg. No. 67712-15-72857
EPA En. No. 67712-04-000

Vision cartridge No.: 91012-001
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 biguanides. If biguanide 
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 spa equipment
- Balance spa water before installing Vision.
- pH: 7.2-7.8
- Total Alkalinity (TA): 200-400 ppm
- Calcium Hardness (CH): 60-120 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 1/2 tablespoons of dichlor® to spa per 250 gallons (approx. 1000 liters) NOTE: 1% Tablespoon is approximately 3/4 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 Natural 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 Natural 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 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 1/2 tablespoons 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 Natural Spa Test Strip.

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

AS NEEDED:
- Shock treat with 1.5 tablespoons of an EPA registered source of dichlor® per 250 gallons (approx. 1000 liters) to remedy problems which may occur when bathing 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, add heavy wine and rinse thoroughly.
- As an alternative to MPS®, an EPA registered source of dichlor® may be substituted: 1 tablespoon dichlor® = approximately 3 tablespoons MPS®.
- IMPORTANT: Perform start-up procedures for spas which have been unused or unattended. The Vision cartridge is not to be used with spa equipment containing bromine. If biguanides or bromine products are being used, BE SURE TO DRAIN AND REFILL SPA WITH FRESH WATER WHEN USING THE LOW CHLORINE RECIPE.

SAFETY INSTRUCTIONS

IMPORTANT INFORMATION

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 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 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.

VISION 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 Sequestrant 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 6" 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 6" filter flange and filter compartment lid.
   b. 1995 - 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 port 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/fit assembly at the top of the filter cartridge.
      3. 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.
      4. Adjust the Replacement Reminder Date Ring on top of the Vision cartridge. See Figure A for details.
      5. Reinstall the Crystal Pure canister lid by screwing it in a clock-wise direction - do not over-tighten.
DISSAL

• After six (6) months of use, discard Vision® 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.

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 clear, fresh water. When using Vision, DO NOT follow the standard Water Care instructions in your Spa Owner’s Manual. Please use the following instructions for the water chemistry start-up:

Step 1: Test your “source water” for Calcium Hardness, Total Dissolved Solids (TDS) and metals (i.e. 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 (minimum ppm). 1 ounce of Sodium Chloride per 100 gallons of spa water will raise TDS by approx 53 ppm. (Acceptable range is 300 -2000 ppm).

c) If metals are present add recommended dosage of a sequestant agent, while water is being added to the spa. Wait 48 hours after adding sequestant before installing cartridge.

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

Step 2: Test the Total Alkalinity (TA) and pH utilizing Test Strips. With the jets turned off, dip the test strip 12-18 inches into the water and swirl 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 60 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.

c) Water Condition: pH above 7.8 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 to high speed. Continue running jets on high for at least 5 minutes. Turn jets off, retest and repeat procedure until the pH reads 7.2-7.8.

d) 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 to high speed. Continue running jets on high for at least 5 minutes. Turn jets off, retest and repeat procedure until the pH reads between 7.2-7.6.

Step 3: Add 1.5 tablespoons dichlor® to spa per 250 gallons (approx. 1000 liters).

LIMITED WARRANTY

The limited warranties contained within this document are the only warranties given with yourVision 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 sixty (60) 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 cartridges used with any biocidal products. If the cartridge is defective and does not perform satisfactorily for the entire six (6) months, we will replace the cartridge.

*potassium persynoacetate
**sodium dichloroisocyanurate dihydrate

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-used, 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 24 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 3/4 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.

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