



**OWNERS MANUAL**

# AlkaPro®

## WHOLE HOUSE HARD WATER TREATMENT SYSTEM

### OWNERS MANUAL

Congratulations on your purchase of the AlkaPro® Whole House Hard Water Treatment System. The AlkaPro® has passed anti-scale performance tests contained in IAMPO's IGC 91 as tested by IAMPO's R&T labs. The AlkaPro® is effective in halting scale build-up inside pipes, and submerged components in appliances like washing machines, dishwashers and water heaters. The scale that may appear is in a new more cleanable form and won't need nearly the elbow grease required to remove bicarbonate calcium or bi-carbonate magnesium as seen in hard water.

The AlkaPro® technology breaks apart water binders and applies low voltage, high frequency impulses at up to 5000 times per second to physically change the form of the calcium in the water. At the molecular level, these impulses apply energy to cause the release of hydrogen from the naturally occurring calcium bi-carbonate in your water. This action changes the form of the calcium to Aragonite, a type of calcium carbonate. Aragonite calcium crystals are acicular (needle like) in shape, water soluble and non-adherent. Aragonite is also a natural pH balancer.

If water is allowed to evaporate, the residue is talc-like; and can easily be removed with a damp cloth if done within 24-48 hours. Depending on water hardness, multiple layers of the new form can accumulate quickly after that time requiring the use of white vinegar, CLR or Lime Away to dissolve the solid deposits. The AlkaPro® uses no chemicals, potassium or salt making the water ideal for use on household or garden plants and is safe for your pets. The processed water will also reduce hardpan conditions in soil.

### **THE FILTRATION SYSTEMS**

The AlkaPro® Whole House Water Treatment System, three-part media filtration removes chlorine, and other harmful chemicals from your water to, at or below the industry acceptance standards. The system contains a redox material (KDF-55) which removes heavy metals and creates a bacteria free environment. All components of your filter media system are tested and meet Water Quality Association or NSF guidelines and ANSI specifications. The two medias are made up Catalytic Carbon and Kinetic Degradation Fluxion (KDF). The medias in combination are the industry standard for removal of unwanted chemicals and an impressive solution for water filtration

The AlkaPro® system comes with a Lifetime Warranty on the Electronic Descaler and a 15-Year warranty on the filter, media's, tank, control valve, and descaler providing you register your warranty online using the address on your warranty card.



# HOW IT WORKS

## TRADITIONAL ION EXCHANGE WATER SOFTENER

A traditional water softener which uses salt or potassium chloride salt removes hardness (calcium and magnesium ions), and replaces these ions with approximately twice as many sodium ions. The more hardness you have in your water, the more sodium you will have in your treated softened water. Salt water is not recommended for ingestion so the addition of a Reverse Osmosis System (RO) for the kitchen is typically the solution. Salt is very abrasive and the more salt you add to the water the more damaging it is to sink stoppers, glassware, shower doors, and faucets. The addition of an RO in the kitchen supplies acidic water which in current studies is being viewed as a health risk.

## THE AlkaPro® WHOLE HOUSE HARD WATER SYSTEM

The AlkaPro® Whole House Water System uses electronics to send low voltage/high frequencies or signals through the unit (creating heat energy) which help keep the hardness and other minerals in a form that will not cling or stick to your piping, appliances, water heater, etc. In addition, when this conditioned water comes in contact with existing mineral deposits in your system, they are slowly dissolved and removed over time. Unlike traditional water softening, the AlkaPro® Water System removes none of the beneficial nutrients from the water, such as calcium and magnesium and does not add harmful sodium or potassium chloride (salt substitute) to your water.

## MEASURING EFFECTIVENESS

Since the AlkaPro® system does not actually remove hardness from the water, but only puts it in a physical form that is friendly to your home and person, you cannot test the effectiveness of the AlkaPro® Water System by measuring the hardness of the water before and after installation. The best way to test the effectiveness of the system is by the actual benefits you receive. Several of the benefits that you might notice within a week or so after installation would be: The screen of the aerators on your faucets will need cleaning as deposits are removed. Lime scale begins to be removed from your piping and water heater creating real value as it prolongs the life of these expensive replacements.

- Better lathering of soaps compared to hard water
- Whiter clothes
- Less detergent needed for washing clothes compared to hard water
- Less detergents needed in the dishwasher compared to hard water
- Less spotting in the dishwasher on plates and glassware compared to hard water
- Skin feels less dry\Hair feels softer and is more manageable
- The spray holes of your showerheads become cleaner



## OTHER IMPORTANT INFORMATION

### EVAPORATIVE SPOTTING

Evaporative spotting occurs when water evaporates and leaves behind a spot with mineral or other contents that are present in the water. AlkaPro® Whole House Water System does not remove the nutrients from water which can cause mineral spotting to be present when water evaporates on surfaces such as a shower doors or countertop. However, this will be greatly reduced if softening was used in the past since salts once evaporated are much harder to clean. Our process causes the minerals to lose their adherence to stick which allows the water spots to wipe off easier than regular calcium bi-carbonate hard water or sodium spots. Please see "Tip Sheet" on last page for more information

When you have Evaporative Spotting means your system is working perfectly.

### CLOTHES WASHING DETERGENT

If clothes are soapy at the end of the final rinse cycle after the AlkaPro® Water System is installed, reduce the amount of your normal clothes washing detergent.

### SLICK FEELING ON THE SKIN

Unlike salt softened water, The AlkaPro® technology will not produce a slick or oily feeling on the skin during a shower because it adds no sodium or potassium chloride to water. The slick feeling from salt softened water is the sodium lathering on the skin.



# MAINTENANCE

There is **NO** maintenance required on the systems Electronic Descaler. The Whole House Filter will require changing the Patented KDF-55 distributor between 15-18 years. The Catalytic Carbon requires changing every 15-18 years depending on water usage.

## **HOW LONG WILL IT TAKE TO NOTICE RESULTS FROM THE AlkaPro®?**

After installing your AlkaPro® Water System you will soon notice immediate results. Usually within 24-48 hours, once the existing water in your pipes and water heater are flushed, the effects of your treated water can be clearly seen. The information below explains stages and long-term effects. These results may slightly vary depending upon how hard your water may be.

### **Immediate effects (Within 24-48 hours)**

- Spots on dishes will be reduced or eliminated depending on your water hardness.
- The amount of soap, detergent and cleaners used can be reduced about 25% or more depending on water hardness levels.
- High Quality Alkaline Drinking Water in Every Faucet

### **First 4 months of Treatment**

- Scale deposits will begin to loosen and break down from your pipes, showerheads, faucets, tank type water heater, and other water appliances.

### **Long Term Effects**

- No salt to buy or maintenance to worry about!
- Pipes and water appliances will be de-scaled and remain scale-free (once de-scaling process is complete), protecting your home from future damage



# DISH DETERGENT & RINSE

For best performance please follow these guidelines for years of trouble-free service.

- Excessive heat in the dishwasher will revert Calcium back to a Bi-Carbonate and form and cause spotting of dishes.
- For best results always use LOW HEAT in Dishwasher or USE THE NORMAL SETTING
- Use Cascade Platinum Dish Detergent and Cascade Platinum instead of Jet Dry. Put this in your liquid filler. These products are Non-Phosphate and reduce spotting.



## **TO DO AFTER INSTALLATION**

1. Run all Cold-Water Faucets for 5 minutes, you may see slight back carbon fines this is normal and will dissipate.
2. Run Hot Water in one bathtub for 20 minutes to flush out hard chlorinated water.
3. For older homes flush your water heater once every 30 days for 4 months. To do this simply install a hose on the hose bib at bottom of water heater and run hose into drain or yard for 3 minutes.
4. If you smell chlorine at the kitchen cold water the builder may have bypassed your kitchen cold water. You have 2 options to correct this.

Option 1: Install a 5-year under sink filter for kitchen cold water

Option 2: You can contract a plumber to re-plumb cold-water line

5. Please remember if water is allowed to dry on sinks, faucets slight spotting may occur. The spotting will wipe easily with a cloth without cleaners. Please refer to the enclosed TIP Sheet for additional information on how to eliminate evaporative spotting and shower door spotting. If you see spotting this is oxidation of the treated calcium. This condition cannot happen inside your pipes because there is no oxygen inside the pipes.
6. If you ever need to turn off the main water to your home, first un-plug the descaler from box. Water always needs to be inside chamber when electric is plugged in to avoid damage.
7. The power supply line has a green light to let you know there is power and system is working properly.

**CALL YOUR SELLING DEALER FOR ANY  
ADDITIONAL INFORMATION AND ALL  
INSTALLATION & SERVICE NEEDS.**



## TIPS TO HELP & UNDERSTAND YOUR AlkaPro®

**Understanding Aragonite:** Aragonite is a soft mineral created by hard water passing through the AlkaPro® descaler and the molecular structure being changed. This softer more efficient molecule will be present if the water is allowed to dry or evaporate but wipes off easily with a dry cloth. It is not hard water scale but a dry powder. This reaction of oxidation cannot happen inside your pipes because no oxygen is present, therefore, no hard water scale. You can consider Aragonite welcome proof that your AlkaPro® is operating correctly.

### **A Few Simple Tips to Help Minimize Evaporative Spotting and Residue:**

1. Use **Low Heat** wash and rinse cycles in the dishwasher. High heat will revert calcium and spot. Use Normal Wash Cycle.
2. Use Cascade Platinum or Lemi-Shine Products. No Finish or Jet Dry Rinse Agent.
3. On Shower Doors use **(Rain-X Shower Door)** Available via Amazon... This will repel Calcium deposits on chrome fixtures and shower doors.



4. Use CLR or Lime Away to remove existing calcium deposits. You can also use a good car wax to repel water spots on everything. Or **Rain-X Shower Door**
5. Keep a soft cloth at every faucet and after you turn off water hold cloth on end of faucet for 1 second. This will stop Evaporative Spotting from collecting on the ends of your faucets.
6. By purchasing the AlkaPro® you have chosen to live with the amazing benefits of alkaline water. Your trading the high maintenance costs, filter changes, and salt and potassium usage for a better healthier technology (AlkaPro®). The AlkaPro® will leave in the beneficial minerals and slight spotting can occur If left unattended.



# WARRANTY REGISTRATION



**AlkaWater International LLC** hereby places a lifetime warranty on the Electronic Descaler and a 15 year warranty covering the Control Valve, Media Tank, Carbon Media and KDF Distributor, providing that any failure to the equipment does not result from abuse, fire, evidence of tampering or other acts out of control.

- **SYSTEMS MUST BE INSTALLED BY FACTORY OR DEALER AUTHORIZED TECHNICIANS**
- **WATER PRESSURE MUST NOT EXCEED 125 PSI**
- **ELECTRONIC DESCALER HAS NO USER SERVICEABLE PARTS-ANY ATTEMPT TO OPEN DESCALER WILL VOID WARRANTY**
- **SERVICE BY ANY OTHER COMPANY WILL VOID WARRANTY**
- **ALL LABOR, SERVICE AND INSTALLATION WARRANTIES ARE PROVIDED BY SELLING DEALER**
- **MANUFACTURER OFFERS NO WARRANTY ON LABOR, INSTALLATION AND SERVICE**
- **THIS WARRANTY IS VALID TO ORIGINAL PURCHASER ONLY. BUT CAN BE TRANSFERRED TO A NEW HOMEOWNER BUYING THE HOUSE IT IS INSTALLED IN FOR A FEE OF \$299**

**YOUR WARRANTY IS NOT VALID UNTIL YOUR ONLINE WARRANTY REGISTRATION IS RECEIVED BY THE FACTORY.**

**To Register Your Warranty Go To: [www.alkawater.info](http://www.alkawater.info)**

**This warranty can be transferred for a fee of \$299. Original warranty will be prorated to original installation date. To transfer warranty go to [alkawater.info](http://alkawater.info) Click More and Scroll down to Warranty Transfer.**

AlkaPro Serial Number \_\_\_\_\_ Install Date: \_\_\_\_\_  1252







