

ACTIVE WATER

VWP WATER PROCESSOR™

ENVIRONMENTALLY FRIENDLY
& REDUCES ENERGY COSTS
- NO WASTE OR MAINTENANCE

- PREVENTS LIME SCALING
- REMOVES CALCIUM DEPOSITS
- PROLONGS LIFE OF WATER HEATERS
- NO MAINTENANCE OR RUNNING COSTS
- IMPROVES IRRIGATION PERFORMANCE
- BALANCES PH OF WATER
- MINIMIZES CHEMICALS
- REDUCES BACTERIA



VITALIZED
WATER
PRODUCTS



DYNAMIC WATER

www.vwp-group.com



VITAL WATER

Business & Industry

VWP WATER PROCESSOR™

Our scientists from Sweden, have developed a new environmentally-friendly water processing system which uses a frequency resonance technology. This technology, in addition to eliminating common hard water problems (calcium oxide, iron, copper, nitrate, nitrite, and manganese), eliminates scaling, minimizes chemicals (chlorine, etc.), reduces bacteria and produces an revitalized “living” water. This “living” water becomes self cleaning and also retains healthy minerals and elements which is an exceptional source of nutrition for humans, plants, animals and fish.

TECHNOLOGY HOW DOES IT WORK?

The VWP Water Processor™ ionizes the water using a special frequency resonance technology. This powerful ionization process releases electrons from the water molecules which neutralizes impurities such as iron, copper, nitrate, nitrite, and manganese. The lime (calcium oxide) in the water becomes crystallized, eliminating scaling and deposits. Also, older deposits will dissolve and the water will become “soft” without removing the vital minerals. The pH of the water is balanced to 7.4 - 7.6 and if chlorine is present in the water, it will be reduced to a harmless level.

- PREVENTS LIME SCALING
- REMOVES CALCIUM DEPOSITS
- PROLONGS LIFE OF WATER PUMPS
- MINIMIZES CHEMICALS
- NO MAINTENANCE OR RUNNING COSTS
- IMPROVES IRRIGATION PERFORMANCE
- REDUCES BACTERIA
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ENVIRONMENTALLY FRIENDLY

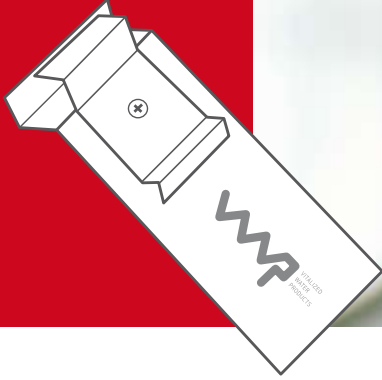
The VWP Water Processor™ and patented design, does not use any power, chemicals or additives and there are no replacement parts or waste. Your plants and animals will benefit from the revitalized mineral rich water and all drainage water that has passed through the processor will be sent into nature in a cleaner form. In addition, your output and water usage will be greatly reduced.



EASY TO INSTALL
No need to cut pipes, replace parts or maintenance.

VWP300

The VWP300™ is an industrial strength water processor suitable for estates, hotels and industrial installations - removing and preventing scaling in boilers and appliances; which reduces energy costs - and also for achieving a better tasting and smelling drinking water.



SOFT WATER



HOTEL INDUSTRY **LOWER ENERGY COSTS**

The VWP Water Processor™ reduces scaling in boilers by 99%. This lowers energy costs because scale build up has an insulating effect that reduces the elements ability to heat up water. Cleaner pipes and heaters will result in better performance and become more cost efficient.



COFFEE MACHINES **REDUCED MAINTENANCE**

Maintenance costs caused by hard water and scaling are drastically reduced. The soft water also makes coffee and other drinks taste much better.



LAUNDROMATS / CLEANERS **LESS CHEMICALS**

For every grain of water hardness, 2-4% more detergent is used. Soft water can give up to 50% savings on detergents and chemicals. Clothes also become softer when hard calcium is eliminated. In addition, lifetime and service intervals of washing machines is increased.



RESTAURANTS **BETTER DRINKING WATER**

The ionization process reduces impurities and eliminates odor and bad taste from water and ice machines; providing better drinking water. Also, the calcium oxide is crystallized leaving dishes cleaner with less spotting.



BUILDING DEVELOPERS **HARDER CONCRETE**

Soft water creates 30-40% harder concrete. In addition, property value can become more attractive when offering "soft water" using "green" technology.



CAR WASHES **RECYCLING OF WATER**

In car washes 88% of the water can be recirculated and go through a continuous treatment without bad smell and toxic substances.



MARITIME INDUSTRY **VERSATILE SOLUTIONS**

Cruise ships, yachts and other vessels often have stale tasting drinking water and problems with uric scaling in pipes. These problems are easily solvable using the VWP technology.



OIL & GAS INDUSTRY **INCREASED OIL RECOVERY**

A VWP technology associated with removal and prevention of scaling in oil and water separation systems is currently under development.

BUSINESS & INDUSTRY

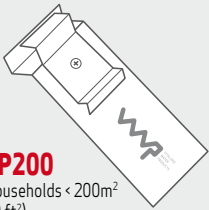
BENEFITS OF THE VWP

- Easy to install
- No maintenance or running costs
- The cost of maintenance will be drastically reduced: no lime deposit build-up, less residue results in cleaner pipes, and discoloration due to iron and copper will be reduced.
- Reduces energy costs by dissolving old deposits in water heaters and preventing new ones from forming. The water heaters will become more efficient and perform better
- Cleaner pipes and heaters will result in better performance and become more efficient.
- Chlorine is reduced to a harmless level
- No more lime deposits
- Discoloration from lime and copper are reduced
- Ionization eliminates odor and bad taste from water
- Reduces bacteria
- Neutralizes iron and copper and reduces other impurities.



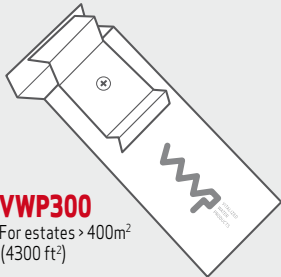
VWP100

For apartments, kitchens or bathrooms.



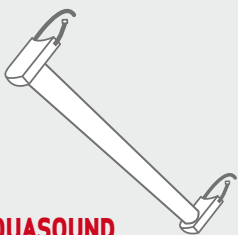
VWP200

For households < 200m² (2150 ft²)



VWP300

For estates > 400m² (4300 ft²)



AQUASOUND

For private pools, basins, ponds, fountains, water tanks.

US Patent No: US D424.157

WHAT ABOUT SALT CONDITIONERS?

It has been recently discovered, that salt based systems pollute the fresh ground water supply during the back-washing or regeneration process. This has caused many communities in the USA (primarily California) to ban salt-based or automatic water softeners. In addition, they are very expensive and require extensive maintenance.

The VWP Water Processor™ is environmentally-friendly and water that is sent into nature is in a cleaner form. It also does not require a plumber to install, electricity, salt or maintenance.

WHY USE A FILTER?

Filters must be changed often to reduce the risk of bacteria growth and microorganisms. If not changed regularly, you may be consuming water that has a lower quality than before the filtration. Changing filters involves a continuing cost for replacement filters.

The VWP Water Processor™ has no replacement parts, requires no maintenance (no running costs) and generates no waste products. The system is also easy to install without the cost of a plumber.

PURE WATER WITH REVERSE OSMOSIS?

Reverse Osmosis creates ultra-clean water. Unfortunately, this ultra-clean water is also missing minerals and useful trace elements normally found in healthy living water. Essentially the final product is a sterile water. They also need expensive membranes replaced on a regular basis.

The VWP Water Processor™ creates a self-cleaning water that still retains essential minerals and elements which are nutritionally healthier for humans, animals, fish and plants. The water processor also does not require professional installation, maintenance, electricity or additives.

HEARD OF ELECTROMAGNETIC SOFTENERS?

Electrical devices require power, which have running costs and will stop working if the power goes out. They are also only primarily effective with calcium related problems.

The VWP Water Processor™ is more effective for lime scale removal and also reduces bacteria and balances pH of the water. In addition, it does not require power and has no running costs or maintenance.

REFERENCES BUSINESS & INDUSTRY



HEAT EXCHANGERS - KRONFÅGEL - SWEDEN

4 x 800 kw heating exchangers (20m³ water pr hour)

Installation: 2001

Problem: Excessive maintenance and high running costs

Cause: Scaling in pipes and heat exchange system

Solution: Total installation of seven VWP300s on system

Benefits: Greater service intervals, elimination of scaling, improved efficiency

www.kronfagel.se



CENTRAL HEATING - ALFA LAVAL - HUNGARY

A leading provider of specialized products and engineered solutions.

Installation: 1999

Problem: scaling on heat exchange plate, low energy efficiency

Cause: hard water

Solution: Installation of VWP300

Benefits: After 5 weeks heat exchange plate was clean (see picture)

www.alfalaval.com



HOTELS - FIRST HOTEL CHRISTIAN IV

Famous historic hotel named after Danish King. (86 rooms)

Installation: 2005

Problem: High heating costs

Cause: Boiler scaling

Solution: Installation of five VWP300s from Heat Exchanger, four VWP300s on third floor and four VWP300s on 4th floor.

Benefits: Removal and prevention of 99% of boiler scaling

www.firsthotels.com

AWARDS EUREKA - BRUSSELS



The VWP Technology won a Silver Medal at the Eureka International Innovation Contest in 1998. The renowned international Eureka contest brings together delegations from more than 25 countries to present their patented inventions and new ideas and is first and foremost a propitious place for professional exchanges with energy being the star player.

www.brussels-eureka.be



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Reseller:

www.vwp-group.com