



RESIDENTIAL

COMMERCIAL

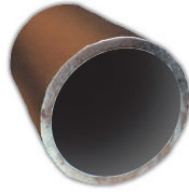
AGRICULTURAL

INDUSTRIAL

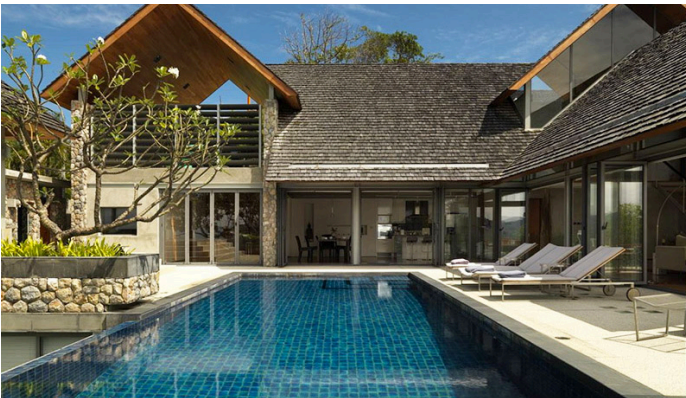
EWC-MAX i



Before

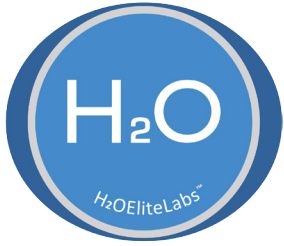


After



Residential Electronic Water Conditioner

We have over 50 years combined experience treating hard water problems and over 100 years in manufacturing



EWC - MAX i

Traditional Water Softener



- One time, affordable initial cost
- Zero maintenance
- Zero additional products required
- Zero additional water usage
- Zero negative environmental impact
- Zero floor space wasted; wall mounted unit
- Zero invasion into the water supply
- Zero risk to health
- Soft water continuously available
- Soaps rinse clean, no residue

- High priced initial cost
- Continued maintenance required over lifespan
- Requires heavy bags of salt to be repeatedly purchased
- Wastes water, raising both water and sewage costs
- Discharges salt into public water or ground/well water
- Requires large amount of floor space
- Disturbance into the water system
- Individuals with salt limitations on their diet should use caution
- Soft water not available during 'regeneration' cycles daily
- Soap and detergent do not thoroughly dissolve

10 year cost approximation with traditional water softener:
 SALT: 50lbs/mo @ \$10/bag = \$1,200
 MAINTENANCE: annual visit @ \$300 = \$3,000
 WASTED WATER FOR REGEN: 100gal/mo @ \$0.005 = \$60
 SEWER COST FROM BRINE CYCLE: 100 gal/mo @ \$0.005/gal = \$60
 ADDITIONAL ELECTRICAL USE: Est \$60/yr = \$600
 TOTAL 10 YEAR COST: \$4,920 (approx.)

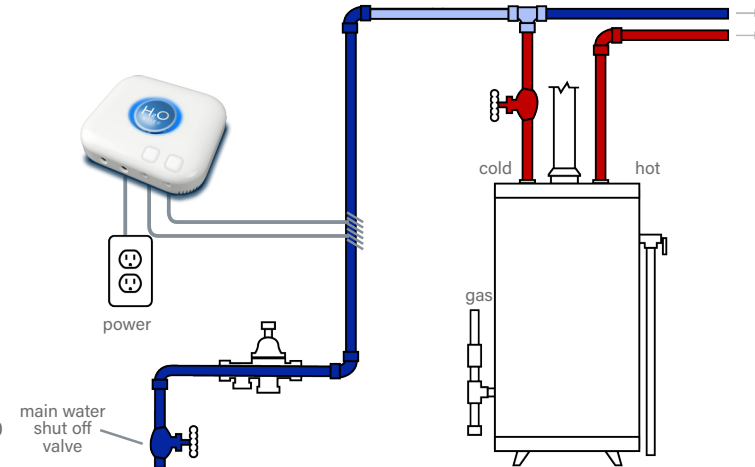


MADE IN USA

FOR INDOOR USE
 Calcium (Ca) Hardness levels up to 35 grains per gallon (gpg) or 598.5 parts per million (ppm)
 3 year warranty included

H2oEliteLabs.com

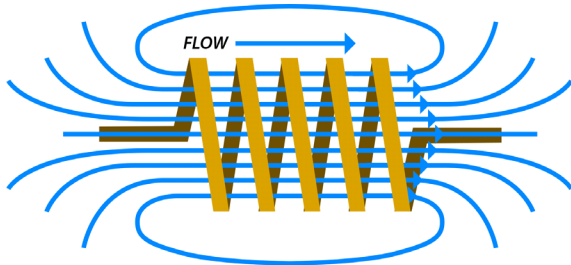


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Technology and How it Works



Our EWC products provide a specifically designed Magnetic and Electric Field with a high-speed pulse wave on a variety of pipe sizes and materials in Residential, Commercial and Industrial applications. This magnetic field creates Nano bubbles (surface diameter less than a micron) that coats the inside of the pipe and doesn't allow scale to form.

Hard Scale that forms and is very difficult to remove is Calcite (similar to cement or grout in Harness). Our Unique approach converts Calcite to Aragonite. Aragonite is a powdery material that can be easily wiped off surfaces. Our Magnetic field changes the surface tension of the water and some of the water molecules break into HO (-) and H (+) ions. This ionic change allows Calcium to bind with OH (-) ions creating Calcium Hydroxide Ca(OH)₂ which is water soluble. Calcium Hydroxide is then able to easily be broken down inside the pipe and passed through the system.

The magnetic field also creates a mechanical component by pulsing the signal 25 times a second. The signal breaks down existing scale over time and allows it to pass through the pipes. As hard water particles are removed from existing pipes the water pressure will increase and help to remove existing scale and stop new scale build up on pipes, heating elements, and any other surfaces, coming into contact with this water.



EWC-MAXi Electronic Descaler

PIPE SIZE CAPACITY: Up to 1.5" diameter pipe.

Designed for residential use only. UL / CUL listed.

PIPE TYPE: PVC, CPVC, PEX, and Copper

WARRANTY: 3 year warranty

INPUT VOLTAGE: 90-264 VAC @ 47 to 63 Hz, using auto switching power supply

INPUT CURRENT: 20 Watts

OUTPUT VOLTAGE: No more than 5 volts DC (open circuit)

OUTPUT SIGNAL: Signal sweeps at 900Hz-21KHz

OPERATING TEMPERATURE: 0° C to 70° C / 32° F to 150° F

STORAGE TEMPERATURE: -20° C to 80° C / -4° F to 176° F

SIGNAL CABLE: A special 18 AWG stranded wire, 60 feet long (not available in hardware stores), is included with the unit

ENCLOSURE MATERIAL: ABS 94 V-0 or equivalent

ENCLOSURE DIMENSIONS: 5.97" x 5.22" x 1.59"

SHIPPING SPECS: 8" x 6" x 3" | 1.3 lbs

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