



Aqua NextGen Electrolysis Water Softeners

Aqua NextGen Pure water, zero salt, zero maintenance — experience the future of soft water with *Aqua NextGen Electrolysis Water Softeners

Features:

- 1. Less Maintenance
- 2. Saves Chemicals
- 3. Zero Water Wastage
- 4. Easy Installation
- 5. Environment-Friendly System
- 6. Removes Previous Scale
- 7. Life Span of Product is 20+ years
- 8. Warranty of Product is 2 years



Scope of Installations







Applications / Uses For:

Residential: Bungalows | Apartments | Hospitals | Hotels | Swimming Pools etc.

Industrial: Boilers | Heat Exchangers | Cooling Towers | A.C. Systems etc.

Agriculture: Cash Crops | Green House | Orchards | Poultry | Dairy | Grapes

Some of my other products:

RO - STP - ETP - RAS and Alkaline water ionizers are available

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Aqua NextGen Water Conditioner

Aqua NextGen Pure water, zero salt, zero maintenance — experience the future of soft water with *Aqua NextGen Water Conditioner

Technology:

Electrolytic Scale Remover Aqua NextGen is a totally new, cost-effective technology to overcome the scale, corrosion and bio-fouling problems in water systems.

Electrolytic Scale Remover Aqua NextGen prevents scaling without causing corrosion and also prevents growth of microorganisms in water system.

The main advantages of the New Method:

The Electrolytic Scale Remover Aqua NextGen prevents any scale deposits on the elements of the water system.

The Electrolytic Scale Remover Aqua NextGen is controlled by a microprocessor-based PLC and its valves are electrically activated without the need of compressors.

The Electrolytic Scale Remover Aqua NextGen is eco-friendly and environmentally friendly.



The Electrolytic Chamber

The Scale Remover's electrolytic chamber is a DC unit consisting of an anode and cathode made of special materials providing long-lasting reliability.

Scale is collected onto the cathode as per the following chemical processes:

 $Ca(HCO_3)_2 + 2OH \rightarrow CaCO_3 + 2H_2O + CO_3^{2-}$

 $Mg(HCO_3)_2 + 2OH \rightarrow MgCO_3 + 2H_2O + CO_3^{2-}$

 $Ma(HCO_3)_2 + 2OH \rightarrow MgCO_3 + 2H_2O + CO_3$

How it Works:

It eliminates the scale by electron coagulation activity without adding chemicals.

It oxidizes and eliminates the corrosion, bio-fouling, micro-organism development and spores of airborne microscopic organisms.

In this system, the positive component to the negative component results in high activity in water.

High pH makes scale be stored in the reactor.

The water isn't delicate at the power source of the ESC, yet the main harmful part has been decreased to a level that forestalls the precipitate. In water conveyance frameworks, ESC will accelerate all scale-shaping particles, magnesium, and calcium.

The different parts that are vulnerable to exiting the fluid at high pH Viz., Silica, Serum, and Manganese, and so on. Scale/Slime fouling on the condenser results in decreased heat move. One mm thick of scaling will cause 30% more energy utilization.

Water Softener Benefits:

- Protect your skin and hair.
- Keep your clothes soft and bright.
- Eliminate lime scale build-up on plumbing fixtures.
- Extend the life of your plumbing system.
- Make your heater and geyser warm up water faster.
- Save more energy.
- Reduce sleaning in Time

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