

Aqua NextGen Water Conditioner

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

Features:

1. Zero Maintenance
2. Zero Chemical
3. Zero Water Wastage
4. Removes existing scale
5. Converts hard water to soft water
6. Stops scale in Piping
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

+91 98481 70044

Email: agoaqua99@gmail.com

Website: www.aquanextgen.com

Address:

H. No. 16-2-740/F5/22A, VK Dhage Nagar, Back Side of Union Bank, Gaddiannaram, Dilsukhnagar, Hyderabad - 500060.

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Water Conditioner a catalytic water conditioner operates by initiating a physical-chemical process inside a specially designed catalytic chamber, which changes how hard minerals like calcium behave in the water without adding chemicals or removing these minerals. aintenance-free solution.

Working Principle

- Water flows through a chamber with a unique alloy or catalytic core that creates turbulence and a minor electrical field.
- The turbulence and catalytic surfaces alter the crystalline structure of dissolved minerals, primarily calcium carbonate, converting it from calcite (hard, scaling form) to aragonite (soft, non-scaling form).
- No chemicals, salt, or electricity are required for the basic catalytic process, maintenance-free solution.
- Scope of Installations all Type of Water Conditioners.

Installation Steps

- **Choose Location:** Select a site near the main water entry point after the storage tank and before plumbing distribution. Ensure accessibility for maintenance and away from direct weather or corrosive environments.
- **Water Supply and Pre-treatment:** Install a sediment filter before the electrolytic cell to remove solids and protect the cell from clogging.
- **Plumbing Connections:** Connect the inlet and outlet of the electrolysis unit to the main plumbing, using high-quality, leak-proof fittings. Include a bypass valve to allow continued water supply during maintenance.
- **Drain Line:** If your model produces any collected precipitate or requires periodic purging, attach a drain line to a suitable drainage point, following local plumbing codes.
- **Electrical Connection:** Provide a stable electrical supply as specified (typically single-phase AC, with proper earthing).
- **Control Panel Setup:** Mount and configure the control panel. Modern units often use microprocessor-based controllers to adjust current, voltage, and flow rates.
- **Test and Commission:** Turn on water, check for leaks, power up the system, and run an initial test cycle to verify correct operation

Water Conditioner Benefits:

- Prevents and slowly removes existing limescale in pipes and appliances, reducing maintenance costs and increasing equipment lifespan.
- Maintains beneficial minerals in the water (like calcium and magnesium) for health and taste.
- No salt, chemicals, or filter cartridges to replace; fully eco-friendly and sustainable.
- No added sodium or changes to the water's pH, unlike conventional softeners.
- Zero wastewater, no backwashing, and negligible energy consumption.



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