Water Softening Plant

Ion-exchange water softeners that remove the calcium and magnesium in hard water, so pipes, boilers, geysers and fittings stop scaling up. Single and twin automatic models, in FRP, mild steel or stainless steel.

Technology	Operation	Output hardness
Ion exchange	**Manual or automatic**	**Under 5 ppm**



Highlights

- Brings hardness down to under 5 ppm, which stops white scale on taps, tiles, geysers and boilers.
- Regenerates with ordinary salt. Twin automatic softeners give soft water round the clock and use about 25% less salt.
- Vessels in FRP, LDPE, mild steel, rubber-lined mild steel or stainless steel, with multiport or diaphragm valves.

Specifications

Technology	**Ion exchange**	Operation	**Manual or automatic**
Output hardness	**Under 5 ppm**	Regeneration	**Common salt (brine)**
Purification	**Cation exchange resin, sodium form**	Design principle	**Co-current or counter-current**
Vessel material	**FRP, LDPE, MS, MS rubber-lined or SS**	Valves	**Multiport or diaphragm**
Capacity	**Sized to your flow and hardness**	Installation and commissioning	**Simple; no special foundation needed**

Figures are typical. Every plant is sized to your water and confirmed with the quote.

Used in

- Boilers and cooling towers
- Hotels and hospitals
- Laundries and dyeing units
- Apartments and housing societies
- Food and beverage plants
- Before an RO plant

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Call	+91 94150 22697, +91 70076 29445
WhatsApp	+91 70076 29445
Email	ramendralko@gmail.com
Website	g1aqua.com
Visit	41B kh, Jankipuram Garden, Sector D, Jankipuram, Lucknow, Uttar Pradesh 226021, India

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