

**Water Care
Systems**

WATER SOFTENER

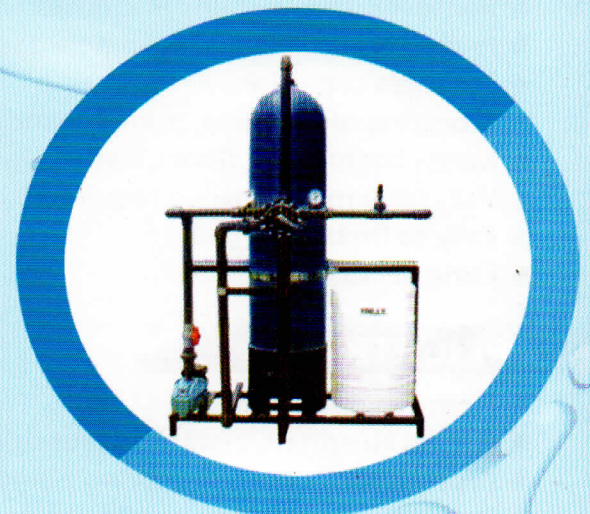
Ion Exchange Based Water Softener

Water softeners are specific ion exchanger's equipments. Softening plant is used to soften the water, by removing the minerals that cause the water to be hard. Minerals like calcium and magnesium present in the water in their carbonates and bi-carbonates form makes the water hard which creates many problems when it is used in industrial as well as in other domestic purposes.

Water softening plant uses Ion Exchange process which relies on the replacement of the Calcium and Magnesium ions present in the water by an equivalent number of Sodium ions. This eliminates the unwanted characteristics of hard water because the sodium salts never forms scale in any of the machinery parts. The resins get charged by sodium chloride solution (common salt) which is the cost effective and easiest maintenance process. We offers water softening systems in various sizes for home, restaurant and many more industrial applications

APPLICATIONS

- 💧 Home and Apartments
- 💧 Hotels, Hospitals, Institutes, laundries etc.
- 💧 Process water manufacturing plants
- 💧 Boiler feed water and cooling water make-up.
- 💧 Beverage and food processing industries.



WATER CARE SYSTEMS

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