

## WATER SOFTENER



Softness and Hardness are commonly seen as properties associated with solids. Water, a liquid, can also be hard. And it really hurts if it is hard because it not only chokes equipment and pipes, but also makes them less efficient. All these total up to significant costs.

Shubham Water Softening Plants provide effective solution to the water hardness problem. Shubham's product range of Water Softening Plants is wide enough to cater to diverse input water qualities, flow requirements and customer's preferred frequency of recharging the resin. Our choice of common salt (NaCl) as regenerant for our water softeners, is actually a safe solution for operators and easy to procure material for the management.

We provide quite a few options to our customers to choose from various materials of construction, protective layers and automations. Irrespective of the choice you make, the equipment and the solution remains reliable and robust.



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## FEATURES

- Modular Design - Each plant is one module
- Prefabricated - Pre-engineered ,Pre-assembled, Factory Tested
- Design Code - ASME / IS
- Scalable - Just add module to raise capacities
- Modes / Configurations - Simplex and duplex for intermittent or continuous use
- Durable
  - All components are of proven quality
  - Excellent workmanship
  - Stable and long life resin
  - Easy Maintenance design
  - Low Maintenance quality
- Retrofit Ready - can be integrated to a reverse osmosis system, desalination system and other waste water and water treatment systems

## CAPACITY -CAPABILITY

- Flow Rate Range - 0.5M<sup>3</sup>/Hr to 250 M<sup>3</sup>/Hr
- O/p Between consecutive Reg. - 2200 M<sup>3</sup>
- Input Hardness - Up to 600mg/L
- Output Hardness < 5 mg / L
- Linear Velocity - 6 to 30 M/Hr
- Space Velocity - 4 to 30 M/Hr

## PICK & CHOOSE

- Material of Construction
  - FRP, Mild Steel & Stainless Steel
- Coating / Lining
  - Epoxy / FRP / Rubber Lined
- Controls
  - Electrical Controls / Microprocessor Based / PLC Controls
- Platform, Safety ladder, Davit arm

## APPLICATIONS

- Pre-treatment to Reverse Osmosis Plant
- Cooling Tower makeup
- Process water
- Low pressure boiler feed.
- Supply to residential Societies