

Water Softening Plant



Features

- CUSTOMIZE programmable controls as per requirement.
- ALL COMPONENTS USE WITH ITS TEST CERTIFICATE ONLY
- PLUG AND PLAY ENGINEERED PLANT For Quick Installation
- Inbuilt Clean-in-place connections For Easy Maintenance.
- Utilize Minimum footprint but without compromising it's o&m space.
- provide each project's user manual with Components Data sheet, Test Certificates, Daily Operation And Maintenance Logsheet.
- Quick Approval Systems Which keeps project moving fast
- Easy to install and Accurate operation & maintainance.
- Produces high quality Neutral Water
- Variety of cost effective standard Components.

Technical Specification

- Flow 0.5 M³/hr to 100 M³/hr
- OBR 2200 m³
- Inlet Hardness Up to 600 Mg/L
- Outlet Hardness <5 mg/L (Commercial ZERO)
- Linear Velocity 4 to 30 M/Hr
- Space Velocity 4 to 20 M/Hr
- Type of Resin Strong Acid Cation (Na⁺ - Mono Type)
- Type of Regenerant NaCl
- Diameter (Vertical Vessel) 0.225 Mts. - 4.0 Mts.
- MOC FRP / Mid Steel / Stainless Steel Coating / lining : Epoxy / FRP / Rubber Lined
- Design Code ASME / IS
- Design Pressure Up to 10 Bar
- Working Pressure 1.1 to 3.5 Bar
- Clear Pressure Drop 0.3 bar
- Distribution system FRP/Strainer Plate
- MOC of Brine Measuring Tank FRP/HDPE/MSRL
- Brine Mixing Element Agitator/Aeration