

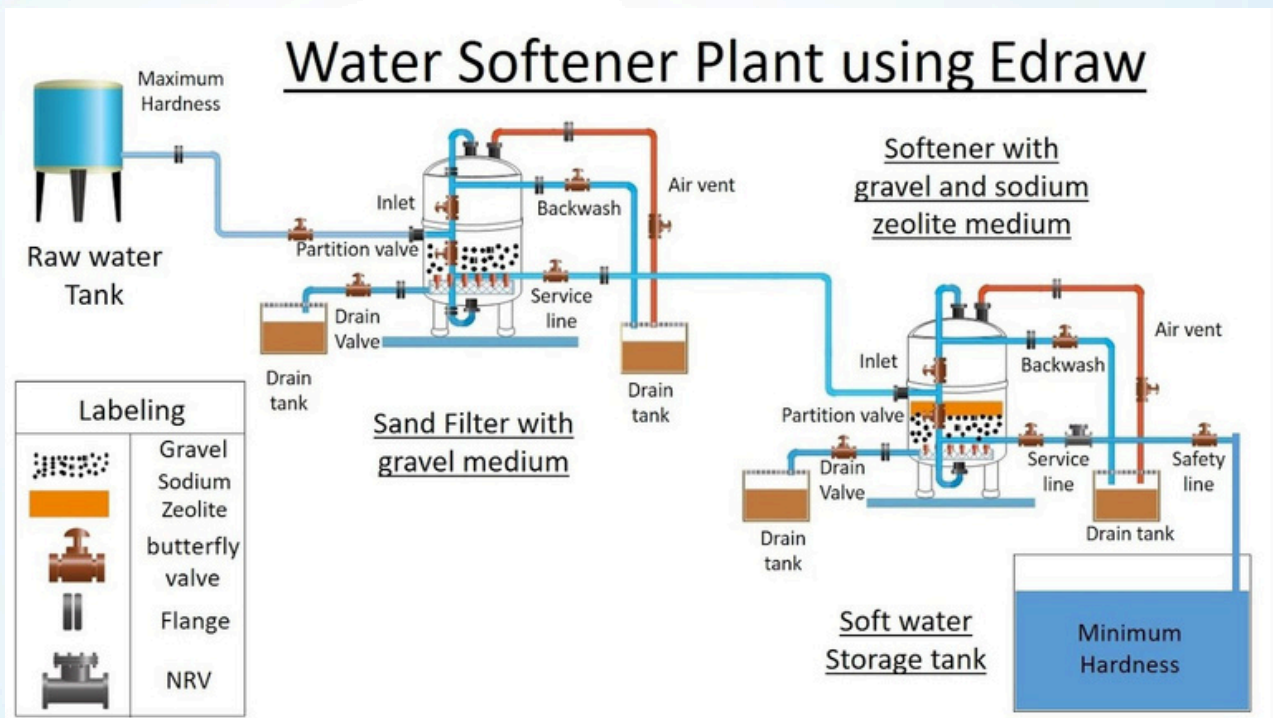


COEQUAL SERVICES



www.coequalinfotech.org

Water Softening Plant



Industrial water softener is a kind of water filter, which removes hardness from water caused due to presence of Calcium and Magnesium. For industries and commercial units, hard water poses a potential threat. The performance of boilers, cooling towers and other associated equipment adversely affected by scaling caused by hard water. Water Softener is considered as concrete solution for this problem, which prevents scale forming.

At Bionics Advanced Filtration Systems, we manufacture robust and reliable water softener plants ranging from 1 m³/h to 50 m³/h and beyond, suitable for a wide variety of industrial and commercial needs.

Function:

- **Resin Composition:** Softening resins are synthetic ion exchange materials with sodium ions that react with dissolved calcium and magnesium ions, preventing scale formation.
- **Regeneration:** The resin is regenerated using a dilute solution of sodium chloride (brine). This process displaces calcium and magnesium ions from the resin, allowing it to resume its softening function.

Specifications:

- Steam Boilers and Hot Water Boilers

- Heat Exchangers and Evaporative Condensers
- Air Conditioning Systems
- Domestic Applications
- Industrial Applications

Conclusion:

COEQUAL INFOTECH PVT LTD delivers high-performance Water softeners tailored to meet your specific needs. Our systems not only protect your equipment from scaling but also ensure operational efficiency, cost savings, and long-term reliability. Whether for a boiler, cooling tower, or general industrial use, trust us for a continuous supply of high-quality Water Softening Plant.



Water Softening Plant

Turnkey Projects:

- Packaged Drinking Water Plant (PDWP)
- Carbonated Soft Drink Plant (CSD)
- Goli Soda Plant
- Sewage Treatment Plant
- Effluent Treatment Plant (ZLD)
- Flavoured Water Plant



THANK YOU



COEQUAL SERVICES

Our Valuable Clients



TATA (WWTP / STP)



Aachi Packaged Drinking Water (Chennai)



Bisleri (Avadi)



Chevrolet (ETP) (Avadi)



CRCL (STP)



Kalasalingam University (STP)



Vels Collage Of Medical (STP)



IRCTC Drinking Water Plant



Parry's Drinking Water Plant (Chennai)

INDIA SHOES PVT LTD

India Shoes Pvt Ltd (STP)



Smart Water (Bangalore)

**SKR AQUA
PACKAGED
DRINKING WATER**

SKR Aqua Packaged Drinking Water (Chennai)

**ZAFLO
PACKAGED
DRINKING WATER**

Zaflo Packaged Drinking Water (Malapuram)

MOTHER'S KITCHEN

Mother Kitchen (STP)

ZENITH KITCHEN

Zenith Kitchen (STP)

GSTIN: 29AAKCC9828K1ZV

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