OVERVIEW

This process involves combination of strong acid cation resin and strong anion resin and run through feed water to remove electrolyte to create pure water.

FEATURES

1) Saves installation space and pipe works as anion and cation resins are stored in one tank.
2) Often used for power plants and semiconducting plants where require ultra-pure water
3) Stable operation even under fluctuation of feed water quality and water flow.

PROCESS

1) 2B3T + MBP

Cation Tower → Degasifier → Anion Tower → MBP

2) UF + RO + MBP

Ultrafiltration → 1Pass or 2Pass RO → MBP or EDI