

Demineralised (DM) Water Treatment Plant:

We Design, Fabricate and Supply of Demineralised (DM) Water Treatment Plants for various applications:

The process in which ions are exchanged (adsorbed) on resin from water is called ion exchange. This process occurs in ion exchange resin. Initially, resin is loaded with hydrogen (H+) ion for Cations and hydroxide (OH-) ion for Anions. As water passes through the resin, the contaminant ions in the water displace the loaded ions from the water on the resin.



Typical Treatment Steps:

- Raw water collection tank
- Pressure Sand filter - Removal of suspended solids.
- Activated Charcoal filter (Optional)- Removal of Organic Matter, Color & Odor.
- Cation Resin Bed - Removal Of positively charged Ions called Cations.
- Anion Resin Bed - Removal Of negatively charged Ions called Anions.
- MB Resin Bed (Optional) – For polishing effect.

Applications:

- Laboratories
- Boiler Feed Water
- Battery Applications
- Process Water
- Chemical Industries
- Pharmaceutical Industries
- Fertilizer Industries



Special Features:

- Manual /Automatic Operations
- UPVC/SS piping
- Water Pretreatment facility
- Multipoint Valves
- Online Flow / Conductivity meter
- FRP/ MSRL Vessels Constructions
- Meet desired output quality and quantity
- Easy in Operation

Standard Models:

- eDM – Mini-eDM-05 , 15, 30, 50, 80, 100, 140, 180, 260, 440, 710, 1040, 1350, etc.

(DM)

