Product factsheet

Capacitive Deionization Technology based Water purifier and conditioner

Hardware product or technological device
Consulting or service offering (e.g. training)



Description

LOGICWATER'S STATE OF THE ART CAPACITIVE DEIONIZATION TECHNOLOGY HELPS REDUCE WATER CONSUMPTION, ENERGY CONSUMPTION AND MAINTENANCE COSTS.

Our patented technology of capacitive deionization works when electricity is applied to the

electrode, ions of opposite charge pass through the ion exchange electrode and move to the surface of the electrode and are electrically adsorbed.

When the water source is groundwater, river water, or municipal water, CDI is the most cost-effective and energy-efficient method of purifying water. CDI removes the dissolved charged species such as total dissolved solids (TDS), inorganic contaminants, and radionuclides.

CDI can provide upto 90% water recovery when purifying water. RO has a low water recovery of 30%.

CDI has low energy consumption of just 30% when compared to RO.

Target audience

Water treatment companies

URL

https://www.logicwater.in/cditechnology

Technology applied by the product

- **Wastewater Treatment and Sludge Valorization**

Related tag

capacitive deionization