

# Electro-Deionization

## Description

Electro-Deionization is a process which deionizes water using applied current. Effectively removes dissolved inorganic matter. Widely used in Pharmaceutical industries or where <1 PPM TDS is required. EDI doesn't require chemical regeneration so, no need of shutting down the plant during regeneration, thus reducing the operation costs. Feed water limiting conditions are strict in case of EDI, so only RO or DM treated water must be used as feed water for EDI

## Specifications

- One set of pre-treatment unit
- One Feed Pump
- One Set of EDI Module
- One Set of Rectifier
- One set of necessary Valves
- One Set of Sensors and monitors
- One set of Automatic/Semi-Automatic Controller for system
- One Set of Pressure Gauges

## Applications

- Pure water generation for process



## Salient Features

- Consistent conductivity (<1us-cm)
- No chemical regeneration required
- Low Operating Cost
- Sanitizable
- Auto Dumping in case inlet conductivity exceeds
- Automatic/Semi-automatic operation
- Sensors to monitor/ Safeguard the system



## Some of our Standard Models

Name	Capacity (LPH)
EDI-0200F	200
EDI-0500F	500
EDI-0750F	750
EDI-1000F	1000

### H2O Management Services Pvt Ltd.

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