

DEMINERALISER



Demineralisation is the process by which total dissolved solids (TDS) present in water are removed effectively. A properly packaged unit incorporates the principles of ion exchange, degasification and polishing, to produce mineral free water.

Thermax incorporates good design procedures for optimum results from demineralisation. With mixed bed (MB) ion exchanger, high purity water can be produced for high-pressure boiler applications. Proprietary Ion exchange resins used in our demineralisation plants comply with stringent quality norms.

Demineralised water finds wide application in the fields of steam, power, process and cooling. We have a several successful installations in major power plants, steel mills, refineries, petrochemical complexes, etc.

For maximum advantage it is necessary that the demineralisation plant is configured accurately. This is ensured by our customised software available with our sales force. It considers inlet water quality parameters and capacity requirements to offer optimal and cost-effective solutions.

TECHNICAL SPECIFICATION:

Model	Capacity (cu.m/hr)	Unique Features
DFX	0.1 - 14	FRP/ GRP range available up to 42" diameter
EZDU	3.5 - 14	DM range in MSRL construction with single valve operation
TDU	0.3 - 50	Rugged packed bed DM in up-flow operation
TDD	3.5 - 70	DM range with flexibility in resin volumes

Degasser towers, storage tanks and mixed bed units are available for the above range. Semi-automatic versions for the above range are also available.

ADVANTAGES

- Variety of cost effective standard models
- Advanced selection software for optimal configuration
- Improved aesthetics and rugged design
- User-friendly, low maintenance and easy to install
- Versatility in applications
- Simpler distribution and collection systems
- Pre despatch assembly check
- Quick availability