

MHM · MDM SERIES

MHM Demineralisation Plant

Two-bed and mixed-bed ion exchange DM plants,
0.5–50 m³/h, conductivity below 1 µS/cm.

Origin: Assembled in Bangladesh · Category: Water Treatment Plants



CAPACITY

0.5–50 m³/h

OUTPUT

**< 1 µS/cm
(MB)**

VESSELS

**FRP / rubber-
lined MS**

RESIN

**Cation +
anion + MB**

REGENERATION

Manual / auto

WARRANTY

12 months

Overview

Two-bed DM plants with strong-acid cation and strong-base anion resin remove dissolved solids for boilers and laboratories; a mixed-bed polisher brings conductivity below 1 µS/cm for pharmaceutical and power duty.

FRP or rubber-lined MS vessels, PVC or SS pipework, acid and caustic regeneration with ejectors, and optional automatic regeneration.

Design features

Engineered for Bangladesh conditions

Rated for 45 °C ambient, 95% humidity and 380–415 V /
50 Hz supply with wide voltage tolerance.

Genuine parts and AMC

Spares stocked in Dhaka; annual maintenance contracts
with 24-hour response.

Installed by MHM technicians

Own site team for supply, installation, testing and
commissioning.

Energy-efficient design

Premium-efficiency motors and drives reduce running
cost from day one.

Remote monitoring ready

Modbus / BACnet interface for BMS integration.

Documented handover

Test reports, O&M manual and drawings supplied with
every project.

Typical applications

- High-pressure boilers
- Laboratories
- Pharmaceutical water
- Power generation

Technical data — MDM Series

Model	Flow (m ³ /h)	Output per cycle (m ³)	Vessel dia (mm)	Resin (L)	Footprint (mm)
MDM-01	1	20	400	2 × 100	2500 × 1500
MDM-03	3	60	600	2 × 300	3200 × 1800
MDM-10	10	200	1000	2 × 900	4500 × 2500
MDM-25	25	500	1400	2 × 2200	6000 × 3200
MDM-50	50	1000	1800	2 × 4500	8000 × 4000

Ratings at standard conditions stated in the facts above. Intermediate capacities, alternative voltages and special options on request; MHM selects the model for your load, ambient and water conditions.



Selection, installation and after-sales by MHM Engineering

Send your capacity, ambient / water conditions and site drawings to sales@mhmmachineries.com or call +880 1321-206755. Every MHM unit is commissioned by our own engineers and covered by an annual maintenance contract with genuine spares stocked in Dhaka.