

MHM · MSF SERIES

MHM Water Softener

Automatic sodium-cycle softener, 1–150 m³/h, for cooling towers, boilers and dyeing.

Origin: Assembled in Bangladesh · Category: Water Treatment Plants



CAPACITY

1–150 m³/h

HARDNESS OUT

**< 5 ppm as
CaCO**

VESSEL

FRP

VALVE

**Auto
multiport**

CONFIG

**Simplex /
duplex**

WARRANTY

12 months

Overview

Hard groundwater in Dhaka, Gazipur and Narayanganj scales cooling tower fill, condenser tubes and boiler surfaces. MSF softeners exchange calcium and magnesium for sodium in FRP vessels with automatic brine regeneration on volume or time.

Simplex, duplex and twin-alternating configurations give uninterrupted soft water for 24-hour plants.

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

- Cooling tower make-up
- Boiler feed
- Textile dyeing
- Laundry

Technical data — MSF Series

Model	Flow (m ³ /h)	Vessel (in)	Resin (L)	Brine tank (L)	Height (mm)
MSF-02	2	13 × 54	50	100	1600
MSF-05	5	18 × 65	120	200	1900
MSF-15	15	30 × 72	400	500	2200
MSF-40	40	42 × 72	900	1000	2400
MSF-100	100	63 × 86	2500	2500	2800

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.