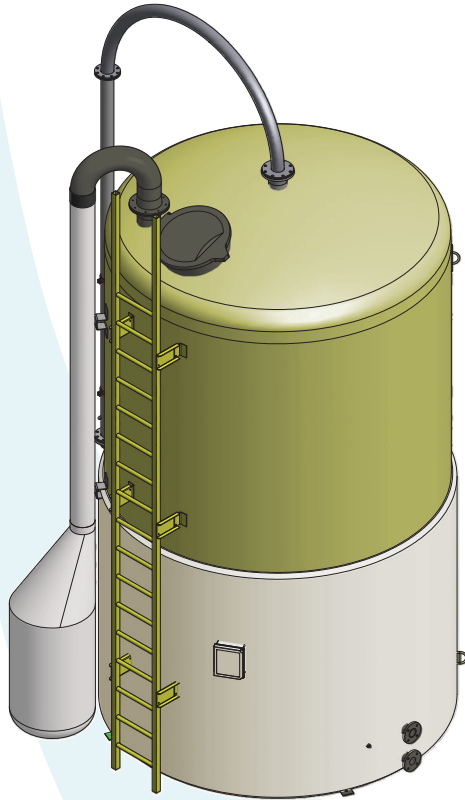


## 'MBM' Series Bulk Brinemaker Silos



### Overview

Marlo Bulk Brinemaker Silos are the ideal complement for industrial water softening systems that require a large amount of daily salt consumption for the regeneration process. The corrosion-free design will allow for on-site truckload delivery of sodium chloride salt that is pneumatically conveyed directly into the silo. An automatic liquid level controller will introduce fresh water into the silo to provide for a consistent supply of saturated brine to be subsequently pumped to the water softener system. Numerous sizes and options are available to provide the best fit for your application.

The key advantages for considering a Bulk Brine System are:

- Significant price savings in delivered bulk salt costs vs. bagged salt (40-50% less).
- Reduces the burden on labor force with less handling, monitoring, and injury risk.
- Creates a cleaner area around the water softener with less storage, salt spillage, and packaging waste.

### Materials of Construction

- Silo Shell: Fiberglass Reinforced Plastic (FRP)
- Inlet Water Distributor: Sch 80 PVC
- Brine Outlet Distributor: Sch 80 PVC
- Salt Fill Pipe: 304 SS
- Access Ladder: Epoxy Coated Carbon Steel
- Dust Control Filter: Polyester
- Air Vent Pipe: Sch 40 PVC
- Anchor / Lift Lugs: 304 SS

### Standard Equipment / Features

- Use for either Granulated or Rock/Solar Salt
- Pneumatic Salt Fill Pipe
- Inlet Water Spray Ring Distributor
- Brine Collection System
- Air Vent Pipe with Dust Control Filter
- Access Ladder Assembly
- Liquid Level Controller
- Automatic Water Refill Valve
- 24" Covered Upper Access Manway
- 24" Covered Lower Cleanout Manway
- Anchor / Lifting Lugs
- Gravel Support Bed

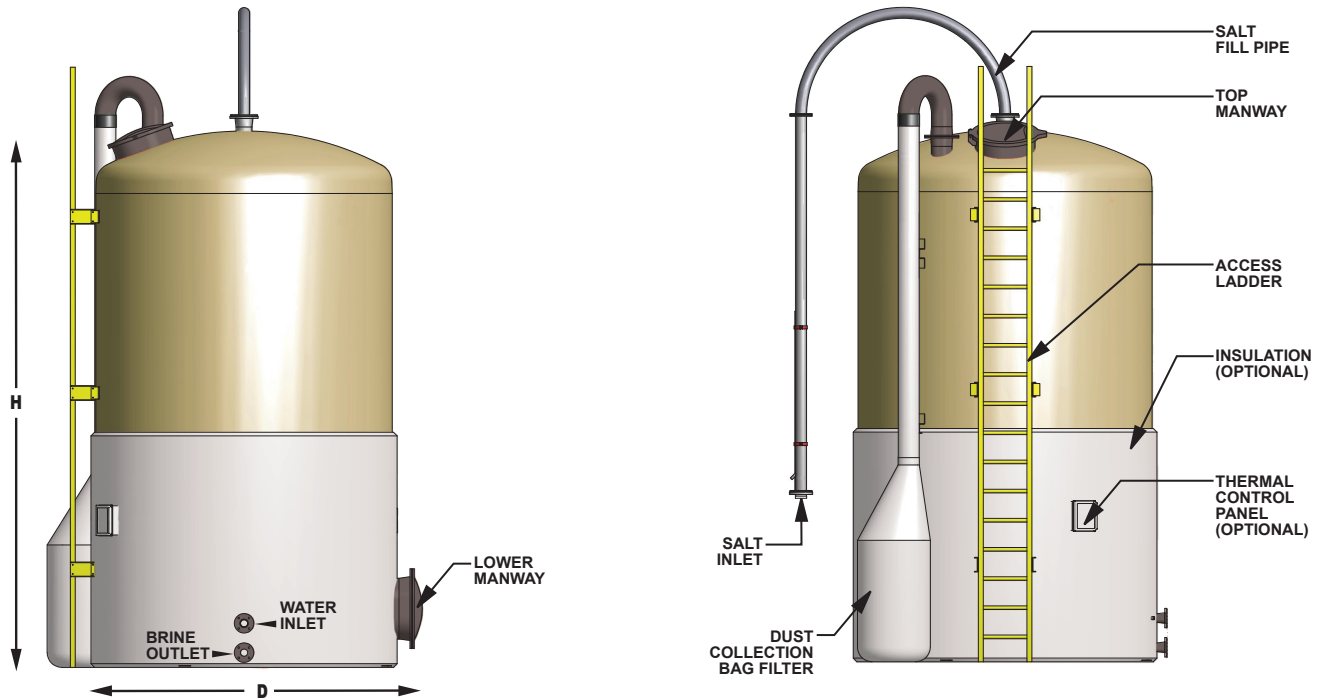
### Options / Accessories

- Freeze Protection System (Insulation & Heat Controls)
- Ladder Safety Cage
- Solid Salt Level Indicator
- FRP Ladder Construction
- Brine Pump & Metering Systems
- Seismic / Wind Load Designs

## 'MBM' Series - Specifications

MODEL	MBM-30	MBM-36	MBM-40	MBM-50	MBM-72
TANK DIAMETER (D)	108"	120"	144"	144"	144"
TANK HEIGHT (H) (NOT INCLUDING SALT PIPE)	212"	219"	186"	216"	271"
USABLE DRY SALT STORAGE (TONS)	30	36	40	50	72
EMPTY TANK WEIGHT (LBS.)	2,000	2,400	2,600	3,000	3,800
MAX. GROSS (FILLED) WEIGHT (LBS)	76,000	91,000	106,000	129,000	171,000
INLET/OUTLET CONNECTION SIZE	3" Flange	3" Flange	3" Flange	3" Flange	3" Flange
MAXIMUM BRINE DRAW GRANULATED SALT (GPM)	40	40	50	50	50
MAXIMUM BRINE DRAW ROCK/SOLAR SALT (GPM)	20	20	25	25	25

## 'MBM' Series - Dimensions



### Notes

- Refer to detailed engineering drawings for more clarity on equipment and connection orientation.
- Tank height shown does not include the salt fill pipe. Additional height will vary. For estimate purposes, figure an additional 72" above the tank height.
- Salt delivery companies may require a minimum size load per order. Typically these are in the 20–25 ton range.
- Concrete support pad to be provided by others. Pad must be designed for a fully loaded tank, soil properties, and freeze/thaw forces.
- Consult factory for more details on support pad construction and silo off-loading and mounting instructions.