



## AquaBubble™ AB-MTM MTM Filter

The AquaBubble™ AB-MTM unit uses dissolved oxygen naturally present in your water to oxidize and filter hydrogen sulfide gas (odor), iron and manganese.

### Benefits of Having Iron Free Water:

- Filtering iron will prevent buildup in plumbing fixtures, piping, water heaters and all other appliances saving you money in the long run
- Filtering iron and manganese will prevent reddish brown or black staining in the bathroom and kitchen accessories
- No more rotten egg sulfur smell when running the shower or faucet

### Standard Equipment Includes:

- WS1CS Control Valve
- Bypass Valve (Bypass connections sold separately, see page 3)
- A purple/grey media called MTM is used for removing iron, manganese and hydrogen sulfide gas from your drinking water
- Fiberglass Mineral Tank
- Full 1" Internal Piping
- Reliable automatic backwashing control valve, capable of being custom tailored to your specific application.

### Removal Process:

- The AquaBubble AB-MTM filter uses catalytic oxidation to filter hydrogen sulfide gas (odor), iron

### Dimensions:

Model	A	B	C	D
10AB-MTM	55	9	48	50
15AB-MTM	61	10	54	56
20AB-MTM	59	12	52	54
25AB-MTM	61	13	54	56

A= Overall height in inches

B= Tank diameter in inches

C= Tank height in inches

D= Inlet height in inches

\* May Require Application Engineering

### Specifications:

Model	Mineral Volume (Ft.3)	Peak Flow (GPM)	Backwash Rate (GPM)	Shipping Weight (Lbs)
10AB-MTM	1	5.0	5.0	100
15AB-MTM	1.5	7.0	5.0	145
20AB-MTM	2	12.0	8.0	190
25AB-MTM	2.5	15.0	10.0	235

### Application Benefits:

- MTM eliminates iron, manganese, and hydrogen sulfide gas
- Standard AB-MTM units are programmed on a 12-day timer, and are set to regenerate on the day and time of your choice
- Filters down to 20 – 40 micron

### Required Conditions:

- Influent water must not be corrosive
- For corrosive conditions see AquaBubble™ AB-M Multi-Media models
- Influent water must have a D.O. content equal to at least 15% of the iron content with a pH of 6.8 or greater
- If dissolved oxygen is not present consider the use of aeration
- Applications for manganese up to 10% of the total iron, must have a pH greater than 7.0\*
- A pH of 8.5 or greater is required for any manganese : iron ratio
- Periodic backwash is required, no regeneration needed

