

AquaBubble™ AB-M Multi-Media Filter

The AquaBubble™ ABM unit uses a multi-media blend to correct for Iron, Manganese, Low pH and Turbidity



Benefits of Problem Free Water:

- Filtering iron and manganese will prevent reddish brown or black staining in the bathroom and kitchen accessories
- Correcting low pH will prevent corrosion of your water system and accessories
- Filtering out turbidity problems will result in clearer, cleaner drinking water
- Multi-media filters save the expense of extra equipment by using a combination of minerals in one filter to remove these problems

Standard Equipment Includes:

- WS1CS Control Valve
- Bypass Valve (Bypass connections sold separately, see page 3)
- A mixed media composed of Neutralite, Birm, Corosex and Filter-Ag
- Full 1" Internal Piping
- Reliable automatic backwashing control valve, capable of being custom tailored to your specific application

Removal Process:

- The AquaBubble ABM filter media is a catalyst to enhance the reaction between dissolved oxygen (D.O.) and the iron and manganese compounds for filtration as well as correct pH and filter turbidity

Dimensions:

Model	A	B	C	D
10AB-M	55	9	48	50
15AB-M	61	10	54	56
20AB-M	59	12	52	54
25AB-M	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-M	1	5.0	5.0	85
15AB-M	1.5	7.0	5.0	110
20AB-M	2	12.0	8.0	135
25AB-M	2.5	15.0	10.0	160

Application Benefits:

- Raises pH, filters iron and manganese as well as corrects for turbidity problems
- No need for caustic chemical regeneration
- Standard ABM 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 contain no hydrogen sulfide gas
- See AquaBubble model ABG for water containing hydrogen sulfide gas
- Influent water must have a D.O. content equal to at least 15% of the iron content with a pH of 6.0 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*
- Applications for Manganese alone must have a pH of 8.5 or greater
- Periodic backwash is required, no regeneration needed

