

AquaBubble™ AB-S Sediment Filter

The AquaBubble™ ABS unit uses special filtering media to curb sediment

Benefits of Sediment Free Water:

- Free pipes and plumbing fixtures from clogging and buildup
- Less filter cartridges to change, saving you money in the long run
- Longer life of all water using appliances and fixtures

Standard Equipment Includes:

- WS1CS Control Valve
- Bypass Valve (Bypass connections sold separately, see page 3)
- A light grey media called Filter-Ag or Filter-Ag Plus are used for filtering sediment from your 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 ABS Filter-Ag and ABSP Filter-Ag Plus filter media granules have irregular surface characteristics affording maximum removal of suspended matter throughout the filter media bed

Dimensions:

Model	A	B	C	D
10AB-S/10ABSP	55	9	48	50
15AB-S/15AB-SP	61	10	54	56
20AB-S/20AB-SP	59	12	52	54
25AB-S/25AB-SP	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-S/10AB-SP	1	5.0 / 9.0	5.0 / 9.0	40 / 65
15AB-S/15AB-SP	1.5	7.0 / 12.0	5.0 / 12.0	55 / 90
20AB-S/20AB-SP	2	12.0 / 15.0	8.0 / 15.0	70 / 115
25AB-S/25AB-SP	2.5	15.0 / 18.0	10.0 / 18.0	85 / 140

Application Benefits:

- Filter-Ag and Filter-Ag Plus remove sediment and suspended matter in your water
- Less pressure loss as compared to other filtering medias
- High service flow rates offer lower equipment costs and savings in space
- High capacity media does not need to be backwashed as often, also resulting in water and energy savings
- Replacement of sand filtering media with Filter-Ag media will typically increase efficiency by as much as 100% or more
- Standard ABS and ABSP units are programmed on a 12-day timer, and are set to backwash on the day and time of your choice
- Filter-Ag can filter down to 20 – 40 micron
- Filter-Ag Plus can filter down to 5 micron

Required Conditions:

- Backwash flow rates:
 - AquaBubble ABS: 8-10 GPM/ft.2*
 - AquaBubble ABSP: 15-20 GPM/ft.2*
- Bed Depth of 24-36 inches
- Backwash expansion of 35-50% of bed depth
- Service flow rates:
 - AquaBubble ABS: 5 GPM/ft.2*
 - AquaBubble ABSP: 12-20 GPM/ft.2*

