

MacCLEAN®

Automatic Backwash Filter

SERIES

CBW



APPLICATION

Depending on Media Selected:

- Taste and Odor Removal
- Dechlorination
- Turbidity Reduction
- Eliminate Iron and Manganese
- Neutralize acid water (Note 2)
- Hydrogen Sulfide Removal

FEATURES

- Dependable, brass control valve automatically regulates backwash cycles.
- Fully adjustable timer assembly.
- Fiberglass tank will not rust or corrode.
- Brass fill plug built into tank adapter. Provides for easy replenishment of filter media and/or addition of a regenerant.
- Semi-transparent fiberglass mineral tank is "see-through". Media can be visually measured without disassembly.
- Washed quartz underbed provides extra filtration and enables proper cleaning of filter media.
- Conserves water during short backwash cycles.
- Bypass valve, standard on all units.

SPECIFICATIONS

Model	Media (Cu. Ft.)	Min. Space Req. (inches) W x D x H	Flow Rates — gpm		
			Cont.	Service	Backwash
CBW1001	1.0	10 x 17 x 52	3	5	5
CBW1501	1.5	10 x 17 x 62	3	6	5
CBW2001	2.0	12 x 18 x 57	4	7	7
CBW2501	2.5	13 x 18 x 63	5	8	8
CBW1628-1	1.5	16 x 20 x 39	6	10	10

1" Pipe size is standard, 3/4" is also available.

MEDIA SELECTION

Media Type	Application
Activated Carbon	Taste & Odor; Organics, Dechlorination
Birm	Iron (Water must be rich in dissolved oxygen)
Filter Ag	Turbidity Removal (20 Micron)
Filter Sand	Precipitated Iron, Turbidity
Greensand	Ferrous Iron (Clear water iron); Hydrogen Sulfide (up to 4 ppm)

NOTES:

1. CBW1628 models require a 10 gpm backwash. Since many domestic systems do not have this capacity, the pumping rate must be checked.
2. CBW series filters could be used to neutralize acid water. However, UN Series filters are better suited for this purpose.
3. When using Filter Ag or Filter Sand for the removal of turbidity, the suspended solids causing the turbidity must have a density less than the material being used as a filtering agent.
4. When greensand is selected as the filter media, a SIB-1 injector kit is recommended. This allows you to draw a potassium permanganate solution into the filter.

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