



CARIBE WATER TECHNOLOGY, INC.

Sediment Filter 2”

CWTM2” Series

Are designed to efficiently remove suspended solids and fine turbidity particles down to 5 micron from incoming water. Our complete system series features the Clack Valve with standard controller for simple operation and efficient backwashing.

Materials of Construction

- Media Tank.....FRP-HDPE lined
- Control Valve.....Clack
- Media.....Micro Z with a gravel support bed
- Distributor Piping.....PVC

Operating Parameters

- Pressure..... 20-100 psi(1.40-7.03kg/cm)
- Temperature.....33-120°F(2-38°C)
- Electrical.....115/60Hz, single phase
- Inlet/Outlet.....2.0 inch
- Drain.....1.5 inch

Standard Features

- Fully automatic backwash
- Flow rates up to 75 US gpm
- Durable, high quality Micro Z media
- Non-corroding fiberglass tank
- Valve constructed of plastic materials
- Standard reliable 7-day timer
- Tank for brine making & salt storage
- Twin alternating system feature an E-timer



Typical Applications

- Reverse osmosis pretreatment
- Boiler feed water
- Reagent grade laboratory water system
- USP purified water system
- Hemodialysis water system
- Commercial water system
- Food and beverage

Options Available

- Single, duplex twin alternating or parallel configurations
- Free standing or skid-mounted complete system
- Factory, fully pre-plumbed and pre-wired system
- Custom installations and valve nest to meet facility requirements

2" CWTM Series Sediment Filters@ 25* C

Model Number	Flow Desig (USgpm)	Media Volume (Ft.*)	Backwash Flow (USgpm)	Pressure Drop@Peak (psig)	Media Tank W x H (In.)	Shipping Weight (Lbs.)	Space Required W x D x H (In.)
MM-S-2162-2	40	6	35	7	21x62	675	21x21x74
MM-S-2472-2	55	8	40	12	24x72	1040	24x24x84
MM-S-3072-2	65	10	60	17	30x72	1335	30x30x84
MM-S-3672-2	75	20	85	25	36x72	1885	36x36x84

2" CWTM Series Duplex Twin Alternating Sediment Filters @ 25* C (contains two valves, two media tanks)

MM-D-2162-2	40	6	35	7	21x62	1350	48x21x74
MM-D-2472-2	55	8	40	12	24x72	2080	54x24x84
MM-D-3072-1	65	10	60	17	30x72	2670	66x30x84
MM-D-3672-1	75	20	85	25	36x72	3770	78x36x84

Note: Values above are listed per tank except for shipping weigh and space requirements. Dimensions and weights are approximate. Parallel and triplex system are available.

Installation Considerations

- For proper service ability, it recommended that there de 18" of space around the entire system. A minimum of 12" is required. The tanks should be installed on a firm, level surface.
- The inlet piping should be sized large enough to provide the required water flow for both service flow and backwashing of the tanks with minimum amount of pressure loss.
- A drain with suitable capability for the backwash flow rate of the tanks is required.
- Isolation valves, pressure gauges and sample ports should be installed on the inlet and outlet piping of each tank.

