



CARIBE WATER TECHNOLOGY, INC.

## Activated Carbon Filters 2”

### CWTC 2” Series

Are designed to eliminated color, odor, and/ or fine toxicity primarily chlorine and chloramines 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
- Distribution Piping.....PVC

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#### Operating Parameters

- Pressure..... 20-100 psi (1.40-7.03kg/cm)
- Temperature.....35-100°F (2-38°C)
- Electrical.....115/60Hz, single phase
- Inlet/Outlet.....2.0 inch
- Drain.....1.5 inch

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#### Standard Features

- Fully automatic backwash
- Flow rates up to 60 US gpm
- High quality activated carbon
- Non-corroding fiberglass tank
- Valve constructed of plastic materials
- Standard reliable 7- day timer
- Twin alternating systems feature an E-timer



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#### 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

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#### 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" CWTC Series Single Carbon Filters @ 25°C

Model Number	Flow Design (US gpm)	Media Volume (Ft.*)	Backwash Flow (US gpm)	Pressure Drop@Peak (psig)	Media Tank WxH (In.)	Shipping Weight (Lbs.)	Space Required W x D x H (In.)
CF-S-2162-2	20	7	25	5	21x62	410	21x21x74
CF-S-2472-2	30	10	30	9	24x72	660	24x24x84
CF-S-3072-2	45	15	40	14	30x72	960	30x30x84
CF-S-3672-2	60	20	70	17	36x72	1200	36x36x84

### 2" CWTC Series Duplex Twin Alternating Carbon Filters @25°C(contains two valves, two media tanks)

CF-D-2162-2	20	7	25	5	21x62	820	48x21x74
CF-D-2162-2	30	10	30	9	24x72	1320	54x24x84
CF-D-2162-2	45	15	40	14	30x72	1920	66x30x84
CF-D-2162-2	60	20	70	17	36x72	2400	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 serviceability, it is recommended that there be 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.

