



## ONE Series

### Water Treatment Filtration Systems

Effectively filters water in residential applications.

- Primary whole house filtration
- Taste and odor removal
- Lead, PFOA/PFOS and cyst reduction
- Particulate removal
- Extended cartridge life
- Cartridges specially designed for higher flow rates and higher contaminant retention capacities
- Wide variety of application-specific cartridges available, including certified lead, PFOA/PFOS and cyst reduction
- Easy access to cartridge for service and replacement purposes, no special tools required
- Simplified installation, inlet and outlet at the top of the tank
- Optional: bottom drain, allows particles to flush from the system and extends cartridge life

The unique ONE™ cartridge tank filter system, designed to replace smaller, commonly used cartridge filters, is the ideal solution for the removal of a multitude of particulates and chemical contaminants.

The ONE system can utilize a variety of large capacity cartridges which greatly extends replacement frequency. Enjoy clean, crystal clear water from our revolutionary ONE system that is easy to use and virtually maintenance-free.

The time between changes is enhanced due to the size and capacity of the ONE filter to remove dirt and contaminants from your water. The exclusive 'stand off' leg feature at the bottom of each cartridge allows debris to clear from the filter and clear from the tank through the bottom drain.

#### Easy filter cartridge replacement

Say goodbye to cumbersome tools... Easy access, quick change cartridge filter replacement. Installs from above with the removal of a patented snap-ring design.

#### Multiple filter cartridge types

The CW-840-PB cartridge tank comes equipped with a top mount valve including bypass and is available in multiple cartridge types. These filters offer excellent filtration and, because of their size, outstanding retention capabilities for residential and light commercial applications.



MEMBER



**MADE IN THE USA**

**Water Quality**  
ASSOCIATION



## Carbon Block Filters

This filter type offers the benefit of carbon block filtration for the removal of particulates and taste and odor issues, with exceptional flow rates up to 28 gpm at 3 PSI pressure drop.

### Blue Series

CT-03-CB-IO: 3 micron carbon block

CT-20-CB-IO: 20 micron carbon block

CT-03-CB-AMINE-IO: 3 micron carbon block chloramine reduction

CT-05-CB-AMCYL-IO: 0.5 micron carbon block lead, PFOA/PFOS and cyst reduction



## Double Pleated Depth Filters

This filter type offers depth filtration down to 5 micron, while the double pleated layer design allows for flow rates up to 30 gpm at a 3 PSI pressure drop.

### Orange Series

CT-1005-IO: 10 micron outer filter x 5 micron inner filter

CT-2010-IO: 20 micron outer filter x 10 micron inner filter

CT-5020-IO: 50 micron outer filter x 20 micron inner filter

### Green Series

CT-20Nano-AG-IO: 20XNANOAL™ with AG double pleated cartridge



## String Wound/Meltblown Depth Filters

This filter type offers depth filtration down to 5 micron in a standard string wound configuration with a "meltblown" core and allows for 24 gpm at 3 PSI pressure drop.

### Yellow Series

CT-2005-SWMB-IO: 20 micron string wound x 5 micron core

CT-5020-SWMB-IO: 50 micron string wound x 20 micron core

## Certified for lead, PFOA/PFOS and cyst reduction

The CT-05-CB-AMCYL-IO filter is an ideal solution for the reduction of a multitude of particulates including lead, PFPA/PFOS, cysts. An A. O. Smith softener or filter completes the package with advanced electronics to help meter the water treated, also known as our Performance Indication Device (PID). Together, the system is certified to effectively treat 100,000 gallons of water before the cartridge needs to be replaced.

Lead / Cyst Claim Number: EPA Est #092577-OH-001

MODEL	SIZE	MICRON RATING	CAPACITY & FLOW RATE	PEAK FLOW & % LEAD REDUCTION	PRESSURE DROP
CT-05-CB-AMCYL-IO	8"x40"	0.5	50,000 gallons @ 4.51 GPM (378,541 Liters @ 17.1 lpm) 99.62% lead reduction 99.95% cyst reduction 97.9% PFOA/PFOS reduction	8 GPM (30.2lpm) @ 99.62% reduction (*) >88,000 gallons at 8 GPM (333,116 Liters @ 30.2lpm)	15 psid 0.5 @ 4.51 GPM

\* Flow rates are based on each specific application, micron rating, solids content and a number of other factors. User should consider these factors when selecting the tank and cartridge filter for their particular requirements.

SERIE	FEATURES	BENEFITS
Blue Series	<ul style="list-style-type: none"> <li>• High-performance carbon</li> <li>• Unique binder system</li> <li>• Proprietary manufacturing process</li> <li>• Double Buna-N O-ring seals</li> <li>• Polypropylene Outer Wrap</li> <li>• Netting of Polyethylene</li> </ul>	<ul style="list-style-type: none"> <li>• Exceptionally low pressure drop</li> <li>• High dirt holding capacity</li> <li>• Excellent contaminant reductions</li> </ul>
Orange Series	<ul style="list-style-type: none"> <li>• Dual Gradient Double Pleated Filters</li> <li>• Double Buna-N O-ring seals</li> <li>• Filter Belly Bands</li> <li>• Durable Polyester filter and Polypropylene cap construction</li> </ul>	<ul style="list-style-type: none"> <li>• Extended service life, contaminant removal, and dirt holding capacity</li> <li>• Ensures no bypass of contaminants and high chemical compatibility</li> <li>• Prevents collapsing of filters under high flow or contaminant load applications</li> <li>• Bacteria and chemical resistant filter</li> </ul>
Green Series	<ul style="list-style-type: none"> <li>• Dual Gradient Double Pleated Filters with electropositively charged NanoAl™ media</li> <li>• Double Buna-N O-ring seals</li> <li>• Filter Belly Bands</li> <li>• PAC solution option</li> <li>• Agion® antimicrobial technology</li> </ul>	<ul style="list-style-type: none"> <li>• Remove contaminants from 1 to 0.2 microns</li> <li>• Higher flow rate and loading capacity</li> <li>• Reduces unwanted bad taste and odor from potable drinking water</li> <li>• 24/7 resistance of microbe growth</li> </ul>
Yellow Series	<ul style="list-style-type: none"> <li>• Outer pre-filter manufactured using 100% polypropylene yarn</li> <li>• Outer filter captures fine sediment, sand, silt, rust and scale particles</li> <li>• Melt blown inner filter manufactured using thermally bonded polypropylene fibers</li> </ul>	<ul style="list-style-type: none"> <li>• Microorganism resistant NSF component</li> <li>• Nominally rated as stated</li> <li>• High purity</li> <li>• Excellent chemical resistance</li> <li>• High dirt holding capacity</li> <li>• Graded density</li> </ul>