



# CARTRIDGE TANK<sup>®</sup> FILTRATION SYSTEM

The White Filtration Series is a unique and high capacity granular media bottle that allows incorporation of multiple media options and solutions to be used with the series. This filter series is a 0.5 ft<sup>3</sup> empty bottle for filling of granular filtration media. This ONE - Water Filtration Simplified™ filter series is ideal for a wide range of Residential, Food Service, Commercial, and Industrial applications, and can be used for multiple applications from Service DI, POE for city or well-water installations, Rental Programs, Exchange systems, high-purity pre- or post-filtration applications, etc...the options, configurations, and solutions are endless.



The design also incorporates the patented Vortech<sup>®</sup> full distributor plate technology, providing uniform distribution and utilization of the media bed along with maximum efficiencies and service flow rates, giving system design maximum flexibility whether installed in up-flow or down-flow service. A removable Top Cap has a locking feature that can be used for limiting access to the internal medias by the end-user, and special Rings on the bottom of the bottle allow for ease of hanging of the cartridge for easy change-out of medias in applications like Service DI Exchange.

The White Series is also available in a Mid-Vortech<sup>®</sup> configuration that splits the cartridge chambers equally, to 0.25 ft<sup>3</sup> per chamber, for separation and use of different medias of which increases the efficiency and usage of the media bed.

Each filter comes with a unique handle designed top cap for lightweight and easy removal, and a double o-ring bottom connection into the **Cartridge Tank<sup>®</sup>** plumbing adapter for the 2 ½" assembly and full 1" PVC glue socket flow rate connections.

#### Available in two filter configurations:

**CT-MEDIA05** – Full 0.5 ft<sup>3</sup> configuration, able to be filled with any media for up-flow or down-flow service due to use of Vortech<sup>®</sup> technology.

**CT-MEDIA05-MID** – Full 0.5 ft<sup>3</sup> configuration with Mid-Vortech<sup>®</sup> separation plate, able to be filled with any media for up-flow or down-flow service, due to use of Vortech<sup>®</sup> technology.

## White Filtration Series

### Features

- 0.5 cuft empty media bottle
- Polyethylene construction
- Vortech<sup>®</sup> distributor plate
- Locking or Removable top cap
- Rings on bottom of bottle
- Double Buna-N O-ring seals
- Mid-Vortech<sup>®</sup> distributor plate option

### Benefits

- Extended service life and high capacity contaminant removal
- High chemical resistance
- Low pressure drop=high flow!
- Up-flow or down-flow service and full utilization of the media bed
- Ease of handling
- Ensures no bypass of contaminants and high chemical compatibility
- Separation of multi-media configurations.

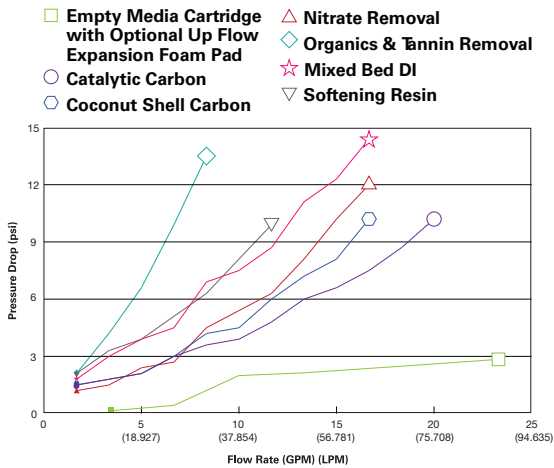
### Applications

- Ideal for Residential, Food/Beverage Service, Rental Fleets, Service DI Exchange, Plating solutions, Commercial and Industrial Applications
- Metal finishing, Oxidizing agents, Corrosive fluids, Electronics, Pre-RO, Process Water, Waste Water, Cooling Towers, Make-up Water, Polishing Filters, Primary Filtration
- Effective at reducing unwanted bad taste and odor, along with chlorine and chloramine taste and odor from potable drinking water

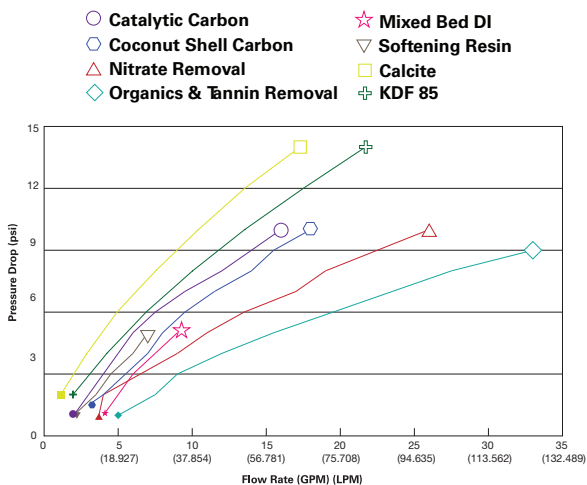


## Filter Performance

### Up Flow



### Down Flow



## White Series Configuration

Item #: CT-1/4NPTLID



Top Cap option with pressure release Valve & Removal Handles

Item #: CT-2.5LID



2.5" Threaded top/bottom Res./LC Cap threaded connection.

Item #: CT-RETAININGRING



Snap Ring with I.D. Tag connection.

Item #: CT-2.5DRAIN  
CT-2.5ADAPTER



2.5" Bottom Drain Plumbing for Res./LC Filters.

## Better Filtration There's No Competition

**Optional CT-MEDIA05-FOAM** – Optional up-flow expansion foam pad can be added to filters used in up-flow service applications to promote consistent service flow rates and reduced pressure drop.

**Optional CT-MEDIA05-SHIP** – Optional Box and Bag Kit solution for shipping of spent cartridges to facilities for regeneration or reuse of bottle.

## Easy Replacements - No Tools Means No Tools

PRESS THE RED PRESSURE RELIEF VALVE & PULL SNAP-RING



LIFT TOP CAP



Performance claims are based on independent lab results and manufacturer's internal test data. Actual performance is dependent on influent water quality, flow rates, system design and applications. Your results may vary. Flush new cartridges until water runs clear prior to use. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.



For more information, visit [enpress.com](http://enpress.com) or [oneFiltration.com](http://oneFiltration.com)