

CARTRIDGE TANK® FILTRATION SYSTEM



The Orange Filtration Series are dual gradient double pleated filtration solutions for extended life and use, with filtration levels of 5 and 10 microns. The filters are designed with a larger pre-filtration layer externally and the smaller internally, extending filtration level contamination and service life, while achieving high flow and low pressure drop.

The filters will outperform competitive filtration solutions in all turbidity applications including silt, rust, and other particle filtration. The Orange Series also provides lower shear water velocity as the raw water passes through the filter, allowing for more contact time and interaction with the extensive surface area of the filters. This results in higher water quality and longer life of the filtration system.

Each filter comes with a unique handle design for lightweight and easy removal, a bag for proper disposal, and a double o-ring connection into the **Cartridge Tank®** plumbing adapter. Plumbing connection options available are with either the E1-CONNECT Integrated 3/4" bypass and drain connection system with full 1" MNPT plumbing connections and drain, or the traditional 1-1/4" PVC glue socket configuration.

Available in three filter configurations:

CT-1005-38-CUL: External 10 Micron Pleated pre-filter, with 5 Micron Pleated Internal Filter

CT-2010-38-CUL: External 20 Micron Pleated pre-filter, with 10 Micron Pleated Internal Filter

Orange Filtration Series

Features

- Dual Gradient Double Pleated Filters
- Double Buna-N O-ring seals
- Filter Belly Bands
- Durable Polyester filter and Polypropylene cap construction

Benefits

- Extended service life, contaminant removal, and dirt holding capacity
- Low pressure drop = high flow!
- Ensures no bypass of contaminants and high chemical compatibility
- Prevent collapsing of filters under high flow or contaminant load applications
- Bacteria and chemical resistant

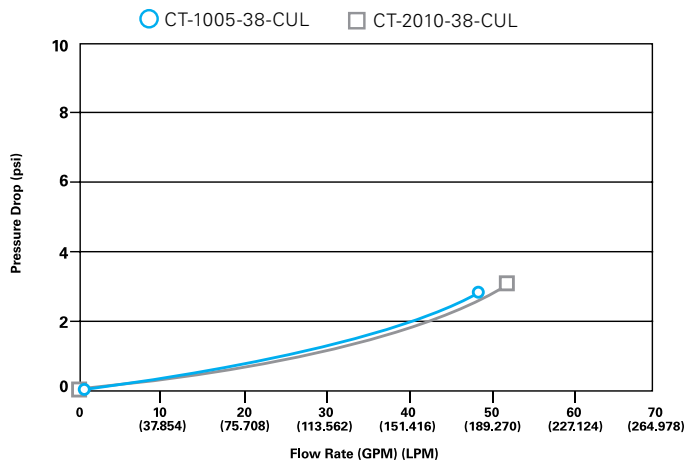
Applications

- Ideal for Residential, Food Service, Rental Fleets, Commercial and Industrial Applications
- Make-up Water, RO Pre-filtration, Cooling Towers, Chill Water Loops, Metal Finishing
- Process Water (turbidity, particulate, colloidal suspensions)
- Reduction in frequency of replacing common 2 1/2" or 4 1/2" housings...Bigger is Better!
- Other water-based fluid solutions



OR

Filter Performance



Orange Series Components

Item #: CT-1/4NPTLID



Top Cap option with pressure release Valve & Removal Handles

Item #: CTBYPASSKIT



Includes 3/4" bypass and connection kit with 3/8" drain.

Item #: CT-RETAININGRING



Snap Ring with I.D. Tag connection.

Item #: R-OLINGLID



Replacement o-ring for all lids and caps.

Better Filtration - There's No Competition

Extended Service Life...6, 12, 18, or 24 months, versus 1-3?: The total surface area of the dual gradient Orange Series is approximately 100 ft², as compared to a typical single layer 2 1/2"x20 filter, is approximately 7ft² of filter media area, and a 4 1/2"x20 is approximately 16ft². We have nearly 6.5x open area compared to standard 4.5x20 filters...100ft² vs. 16ft² and nearly 14.5x open area compared to standard 2.5x20filters...100ft² vs. 7ft². Extended Service Life!

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. Micron ratings based on 85% or greater removal of a given particle size. 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.

Culligan®

For more information, visit enpress.com
or oneFiltration.com



CARTRIDGE TANK® FILTRATION SYSTEM NEW E1-CONNECT



**Easy Replacement
No Tools
Means No Tools**

It's easier than ever to install and maintain the ONE Cartridge Tank® Filtration System with the all new **E1-Connect**. It features an Integrated Bypass, as well as a Meter & Drain Connection System.

Say goodbye to small and inefficient housings. Get rid of expensive stainless steel housings. The **Cartridge Tank**® is a direct replacement for small and inefficient 2½" or 4½" housings, or expensive Stainless Steel cartridge housings, and offers extended service and life, and a more cost-effective and efficient filtration solution.

Utilizing patented industry exclusive liner design and no tools necessary snap-ring design; Full radial seal top and bottom caps make replacement simple. **Cartridge Tank**® makes it easy to access and remove the internal filtration solution.

Lightweight and cost effective with multiple configuration options, from high flow commercial/industrial applications to stand-alone residential Point-of-Entry (POE) installations for city and well water applications, this is the filtration solution of the future...100% non-metallic! The **Cartridge Tank**® is a high performance, NSF 44 listed device and has been tested to 150 psi operating pressure with 4:1 Burst Safety Factor.

Features

100% non-metallic!

Patented no-tools necessary snap-ring design

Multiple filtration solutions **OR** **YE** **BL** **RE**

Full 1" MNPT plumbing connection with bypass and 3/8" PEX John Guest® Drain

Large capacity filter configurations

Benefits

Lightweight and cost effective housing with high chemical compatibility

Simple and easy change-out of cartridges. No Tools, Means NO TOOLS!

Match the filtration solution with flow rate requirements

Extended service life, contaminant removal, and dirt holding capacity

Low pressure drop = high flow

Applications

Ideal for Residential, Food Service, Rental Fleets, Commercial and Industrial Applications

Make-up Water, RO Pre-filtration, Cooling Towers, Chill Water Loops, Metal Finishing

Process Water (turbidity, particulate, colloidal suspensions)

Reduction of unwanted bad taste and odor from potable drinking water

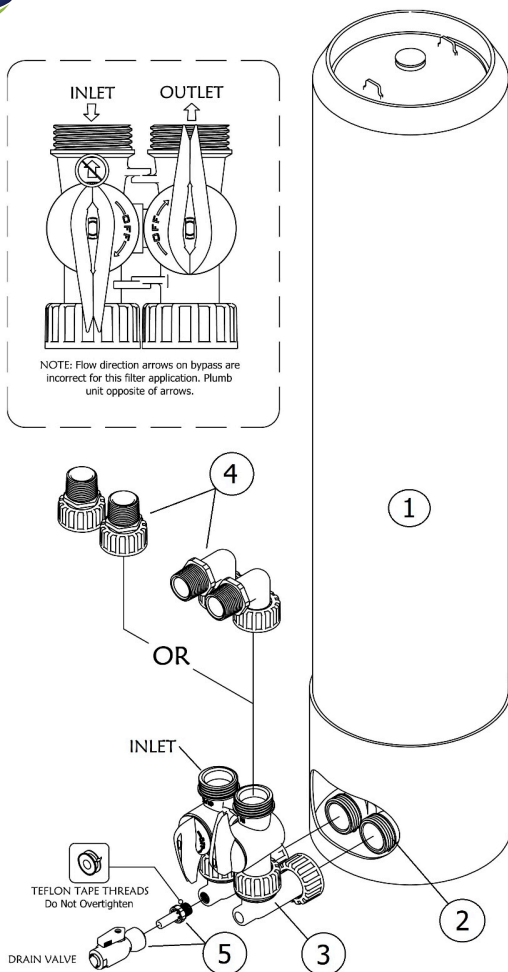
City water applications where water softeners are a hard sell...as a replacement option of pitcher, faucet, bottled water and/or refrigerator filters

Reduction in frequency of replacing common 2½" or 4½" housings...Bigger is Better

Other water-based fluid solutions



Technical Schematics



Part Identification

1. Filter housing
2. Bottom Inlet/Outlet cap assembly
3. Bypass manifold
4. Straight or 90-degree Angled In/Out 1" MNPT plumbing connectors
5. 3/8" PEX Drain valve assembly with shut-off

Simple Assembly Instructions

Connect #3 to #2 on the bottom of the Filter Housing #1

HAND TIGHTEN ONLY

Use either of part #4 for connecting your plumbing to the system

HAND TIGHTEN ONLY

Install part #5 into #3 using the threaded connection and Teflon tape

HAND TIGHTEN ONLY

Connect 3/8" PEX plumbing to drain

NOT PROVIDED

NEW E1 Integrated Bypass, Meter & Drain Connection System for Cartridge Tank®

This new E1 connection system is an alternative to the 1/4" female glue socket connection that has been offered as the connection solution to the Cartridge Tank® for years, and will be available to be used with all POE (Point-of-Entry) filters in the BLUE, YELLOW and ORANGE filtration series.



US and International patents, and patent pending.

Culligan

For more information, visit enpress.com
or oneFiltration.com



This ENPRESS, LLC pressure vessel is tested and certified by NSF International against NSF/ANSI Standard 44 for materials and structural integrity requirements.

COMPONENT