



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, 10 and 20 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 designed top cap for lightweight and easy removal, a bag for proper disposal, and a double o-ring bottom connection into the **Cartridge Tank[®]** plumbing adapter for the 2½" assembly and full 1¼" PVC glue socket flow rate connections.

Available in three filter configurations:

CT-10x5: External 10 Micron Pleated pre-filter, with 5 Micron Pleated Internal Filter

CT-20x10: External 20 Micron Pleated pre-filter, with 10 Micron Pleated Internal Filter

CT-50x20: External 50 Micron Pleated pre-filter, with 20 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!
- Insures no bypass of contaminants and high chemical compatibility
- Prevent collapsing of filters under high flow or contaminant load applications
- Bacteria and chemical resistant

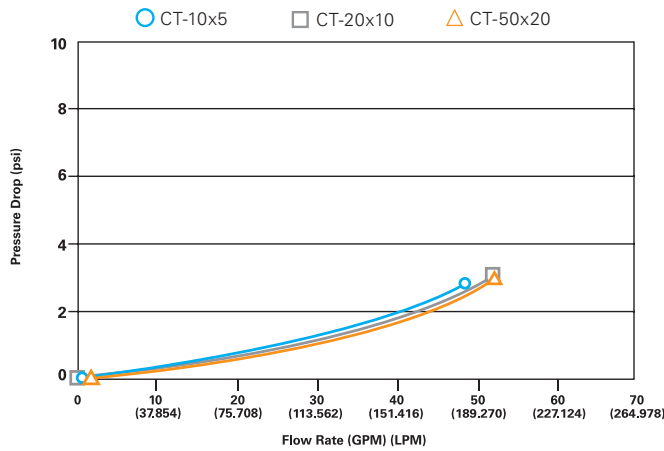
Applications

- 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 ½" or 4 ½" housings...Bigger is Better!
- Other water-based fluid solutions



OR

Filter Performance



Orange 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

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 2.5x20 filters...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.

LANCASTER
WATER TREATMENT

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