



# LANCASTER

## WATER TREATMENT

## ONE™ CARTRIDGE TANK FILTRATION SYSTEM

### WATER FILTRATION SIMPLIFIED

#### FEATURES

- 100 % non-metallic
- Patented no-tool necessary snap-ring design
- Multiple Filtrations Solutions: Orange, Yellow, Blue, Red and Purple
- Full 1-1/4" and 2" plumbing connection options
- Large capacity filter configurations

#### OVERVIEW

Say goodbye to small and inefficient housing. Get rid of expensive stainless steel housings. The Cartridge Tank is direct replacement for small and inefficient 2-1/2 or 4-1/2 housings, or expensive Stainless Steel cartridge housings, and offer extended service and life, and a more cost effective and efficient filtration solution.

Utilizing industry exclusive liner design and no-tool 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 42 listed device and has been tested to 100 psi operating pressure with 4:1 Burst Safety Factor.

#### HOMEOWNER BENEFITS

- Lightweight and cost effective housing with high chemical compatibility
- Simple and easy change-out of cartridge. No tools.
- Match the filtrations solution with flow rate requirements
- Extended service life, contaminant removal, and dirty holding capacity
- Low pressure drop = high flow



**GNE**®  
Water Filtration Simplified®

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## HOUSING AND CARTRIDGE OPTIONS

### 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
- Reduction in frequency of replacing common 2-1/2" or 4-1/2" housings... Bigger is Better



\*SEE INDIVIDUAL SHEETS FOR DETAILS ON CARTRIDGES.

\*\* HIGHER FLOW RATES CAN BE ACHIEVED. INCREASE THE PIPE DIAMETER AT THE INLET AND OUTLET OF THE FILTER TO AVOID WATER HAMMER IF FLOW RATES WILL EXCEED 30 GPM.

\*\*\*THESE FLOW RATES CAN BE ACHIEVED THROUGH THE FILTER CARTRIDGES, HOWEVER IF FLOW RATES WILL EXCEED 70 GPM INCREASE THE PIPE DIAMETER AT THE INLET AND OUTLET OF THE FILTER TO AVOID WATER HAMMER.



### HOUSINGS

Model No.	Inlet/ Outlet	Dimensions (Dia. x Ht.)	Description
7-CTFS-125	1-1/4"	8" x 35"	Empty Cartridge Tank
7-CTFS-2	2"	8" x 35"	Empty Cartridge Tank

MUST ORDER CARTRIDGES SEPARATELY. CHOOSE FROM BELOW.

### CARTRIDGES FOR 1.25" INLET/OUTLET HOUSING

Model No.*	Recommended Max Flow**	Micron Rating	Description
<b>Orange Series</b>			
CT-1005	30 GPM	10 Pre/ 5 Inner	Dual Gradient Double Pleated
CT-2010	30 GPM	20 Pre/ 10 Inner	Dual Gradient Double Pleated
CT-5020	30 GPM	50 Pre/ 20 Inner	Dual Gradient Double Pleated
<b>Yellow Series</b>			
CT-2050-SWMB	30 GPM	20 Pre/ 5 Core	Dual Gradient Polypropylene String/ Melt Blown Polypropylene Core
CT-5020-SWMB	30 GPM	50 Pre/ 20 Core	Dual Gradient Polypropylene String/ Melt Blown Polypropylene Core
<b>Blue Series</b>			
CT-03-CB	30 GPM	3	Carbon Block
CT-20-CB	30 GPM	20	Carbon Block
CT-03-CB-AMINE	30 GPM	3	Carbon Block - Chloramines

### CARTRIDGES FOR 2" INLET/OUTLET HOUSING

Model No.*	Recommended Max Flow***	Micron Rating	Description
<b>Red Series</b>			
CT-PIA	50 GPM	1 Absolute	Pleated Polypropylene
CT-P05	100 GPM	5	Pleated Polypropylene
CT-P20	150 GPM	20	Pleated Polypropylene
CT-COMM50	150 GPM	50	Pleated Polypropylene
CT-COMM150	150 GPM	150	Pleated Polypropylene
<b>Purple Series</b>			
CT-D05	100 GPM	5	Melt Blown Polypropylene Depth
CT-D20	150 GPM	20	Melt Blown Polypropylene Depth