

# CARTRIDGE FILTRATION

CTFS PIONEER



## LANCASTER WATER TREATMENT

*Est. 1942*

### Whole House Treatment

While most cartridge filters are made for Point-of-Use application or require frequent cartridge replacements, this Tank Cartridge filtration system is designed for higher flow rates and higher contaminant retention capacities.

### NSF Protection for Your Family

Designed to remove both soluble lead and particulate lead. Removes up to 99.95% of microbial cysts like Giardia and Cryptosporidium. Removes Chlorine and Chloramine.

### PFAS Protection for Your Family

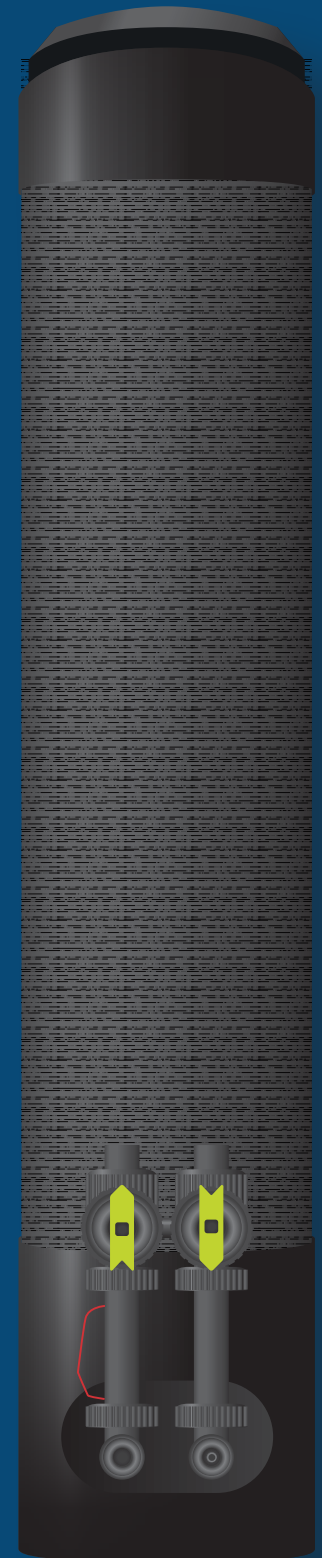
Designed to remove forever chemicals including: Perfluoroheptanoic acid (PFHpA), Perfluorooctanoic acid (PFOA), Perfluorononanoic acid (PFNA), Perfluorodecanoic acid (PFDA), Perfluorobutane sulfonic acid (PFBS), Perfluorohexane sulfonate (PFHxS), perfluorooctane sulfonate (PFOS), and hexafluoropropylene oxide dimer acid (GenX).

### AS Protection for Your Family

Designed to remove both Arsenic III (trivalent) and Arsenic V (pentavalent) simultaneously, it is more resistant to interference from silica, phosphorus, and vanadium than other arsenic removal media available today.

### OX Protection for Your Family

Designed to simultaneously oxidize and adsorb organic and inorganic contaminants including Hydrogen Sulfide, Iron, Manganese, Color/Tannin/Organics, Total Organic Carbon, along with heavy metals. And the potential to remove Phosphate, Silica, Lead, Uranium, Radium, Chromium, Zinc, Arsenic, Legionella, Iron Bacteria, Copper and Fluoride.



**EASY  
SET-UP**



**SIMPLIFIED  
MAINTENANCE**



**PROTECTS  
YOUR FAMILY**



**EXTENDED  
CARTRIDGE LIFE**

# CTFS PIONEER

THE PIONEER™ CARTRIDGE TANK FILTER SYSTEM PUTS YOUR FAMILY'S SAFETY FIRST FOCUSING ON THE TREATMENT OF HARMFUL AND SOMETIMES INVISIBLE CONTAMINANTS.

## HOW IT WORKS:

1. Untreated water enters the Pioneer™ cartridge filter system.
2. The water flows through the cartridge filter to remove contaminants.
3. Treated water enters your home free of harmful contaminants.
4. The Pioneer™ cartridge filter system continuously removes contaminants from incoming water while the unit is properly maintained.



MODEL NUMBER	SERVICE FLOW RATE (GPM)	PIPE SIZE (IN.)	DIMENSIONS DxH (IN.)*	MICRON	TREATMENT
7-CTFS-NSF	4.5l @ 9 psid	1 MNPT	8 x 40	0.5	Certified reduction of Lead, Cyst, and Chlorine/Chloramine
7-CTFS-PFAS	7 @ 9 psid	1 MNPT	8 x 40	20	99.9% PFAS Forever Chemicals** Reduction
7-CTFS-AS	7 @ 9 psid	1 MNPT	8 x 40	20	99.9% Arsenic Reduction
7-CTFS-OX	5 @ 1 psid 10 @ 5 psid 15 (max) @ 12 psid	1 MNPT	8 x 40	Approx. 20	Hydrogen Sulfide, TOC, Tannins, Iron and Manganese Reduction

\*Dimensions for estimating purposes

\*\*Spent cartridge recycling program included

### Operating Parameters:

SERVICE TIME	NSF - Max. 100,000 gallons, PFAS - Max. 350,000 gallons, AS - Max. 120,000 gallons, OX - Max. 100,000 gallons ***
TEMPERATURE	Min. 34° F - Max. 120° F
PRESSURE	Min. 20 PSI - Max. 125 PSI
OTHER CONSIDERATIONS	Other equipment may be needed based on water quality. *** See Specifications sheet for technical parameters and influent limitations. Periodic testing of the treated water is necessary to determine when the filter has reached its usable capacity.