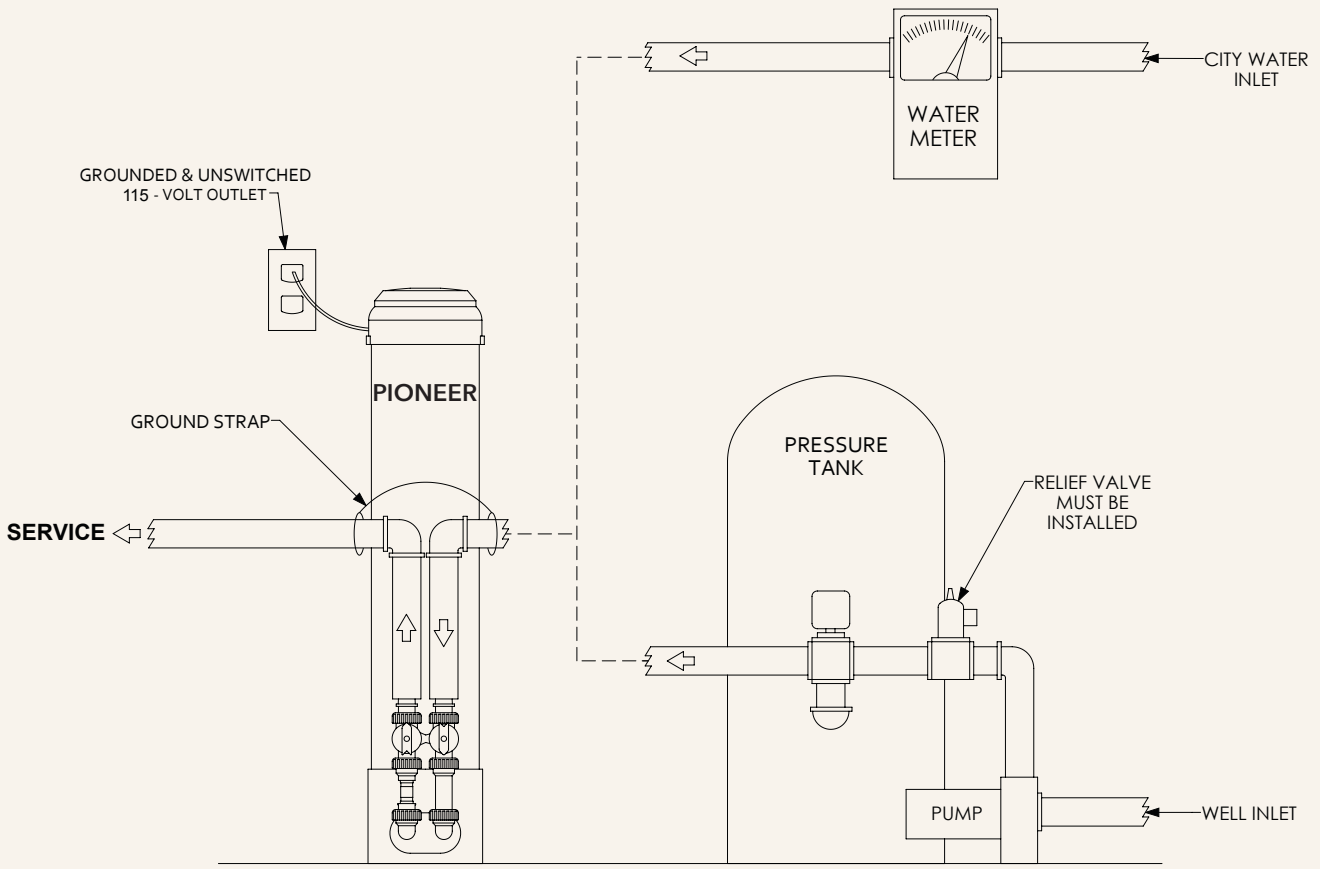
PIONEER™ OX - CARTRIDGE TANK SULFUR REDUCTION



PIONEER ™ DIMENSIONS	CARTRIDGE TANK FOR SULFUR REDUCTION
Model Number	7-CTFS-OX
Tank Height	39.75
Tank Diameter	8.00
Inlet/Outlet MNPT	1

*General notes for estimating only. All dimensions are in inches.

LANCASTER
WATER TREATMENT

PIONEER™ OX - CARTRIDGE TANK SULFUR REDUCTION

PIONEER™ OX SPECIFICATIONS [1]	CARTRIDGE TANK FOR SULFUR REDUCTION
Model Number	7-CTFS-OX
Bypass, Meter & Drain Connection Included	Yes
Replacement Cartridge [2]	CT-OX-CB
Type of Filtration	Proprietary media designed to simultaneously oxidize and adsorb dissolved contaminants, including • Hydrogen Sulfide H_2S • Iron • Manganese • Color/Tannin/Organics • Total Organic Carbon (TOC) For best results, use with pre- and post- filtration, including pleated filters (Orange/Yellow Series) and carbon block (Blue Series).
Water Pressure Range (PSI)	20-125
Pressure Drop	See Below
Water Operating Temperature Range (°F)	41 - 120
Maximum Service Flow Rate (GPM)	15
Electrical Requirements:	Grounded and Unswitched 115V outlet and 3-AAA Batteries

[1] The ENPRESS E3-M System is certified by IAPMO R&T to NSF/ANSI 53 for Material Safety and Structural Integrity. The ATOMUS® MD1 media inside this system is certified by IAPMO R&T to NSF/ANSI 61 for Material Safety and NSF/ANSI 372 for Low Lead Content.

[2] Filter Replacement Operating Instructions: New cartridges must be flushed for a minimum of 10 minutes prior to use. System and installation to comply with federal, state and local laws and regulations. Do not use with water that is microbiologically unsafe or unknown quality without adequate disinfection before or after the system.

Notes:

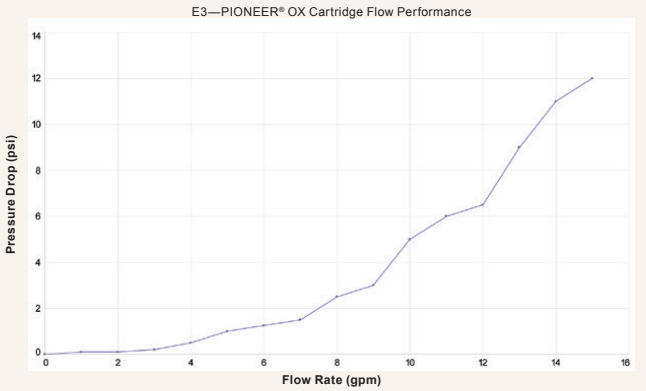
Water Conditions outside of the specified limits may lead to a shortened filtration life.
Cartridges may contain a very small amount of fines. After installation, flush the cartridges for at least 10 minutes prior to use.
A ratio of 1:3 silica vs. total hardness will maintain silica in solution and optimize performance.
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.

Water Chemistry Influent Limitations:

Color/Tannin: < 50 color units
Iron, Ferrous: Up to 3 ppm
Hardness: < 140 ppm (8 gpg)
H2S: Up to 10 ppm
pH Range: 6.0-7.6
Alkalinity: < 120 ppm
Manganese: Up to 2 ppm
Total Suspended Solids: <5 mg/L
Turbidity: 5 NTU

USEPA TCLP and WET Approved: Engineered and proven to provide maximum removal capacity and improved stability against pH upset to prevent possible desorbtion of bound contaminants both during operation and in landfill conditions. This ensures successful evaluation against USEPA TCLP and California WET Tests with non-leachable bond.

FILTER PRESSURE LOSS



APPROXIMATE LIFE OF SYSTEM

FERROUS IRON LEVEL IN WATER	TOTAL GALLONS OF WATER USED	250 GPD (4 PEOPLE)	125 GPD (2 PEOPLE)	75 GPD (1 PERSON)
3 ppm	57,200 gal	228.8 days	457.6 days	915.2 days
2 ppm	88,000 gal	352 days	704 days	1,408 days
1 ppm	176,000 gal	704 days	1,408 days	2,816 days
0.5 ppm	352,000 gal	1,408 days	2,816 days	N/A