

# ENPRESS PIONEER Whole House Filtration Solution

McKay's  
ESTD CO. 1927

Celebrating 97 years!



## OVERVIEW

THE FIRST OF ITS KIND Whole-House Lead, Cyst & PFOA/PFOS Removal Solution. Not only does PIONEER remove heavy metals such as lead, it also removes and/or reduces chlorine, chloramine and other harmful contaminants in your water, including >99.95% of Cysts. Microbial Cysts like Giardia and Cryptosporidium can survive in cold water for several months, and can be resistant to disinfection, like chlorine, so they must be filtered out of the water supply.



PIONEER™ is specifically designed at a 0.5-micron nominal filtration level, to remove both **particulate and soluble lead** from your drinking water.



PFOS/ PFOA

The US EPA's combined health advisory level for **PFOA & PFOS** is 70 parts per trillion (70 ppt) in drinking water. ENPRESS results are below 10 ppt.

## LEAD REMOVAL

Soluble lead is invisible, odorless, tasteless, and needs to be chemically removed from water. PIONEER™ binders are designed to chemically react with soluble lead to create an ionic bond, kinetically removing lead from the water.

Particulate lead is like a tiny grain of sand that needs to be physically removed from water. PIONEER™ filter is specifically engineered to physically remove and filter lead particles from water which is often found as a result of corroded lead pipes.

## PFOA/PFOS REMOVAL

The chemicals Perfluorooctanoic acid (PFOA), also known as C8, and Perfluorooctane sulfonic acid (PFOS) are bio-permanent, are resistant to direct oxidation, and do not break down naturally in the environment or the human body. Studies suggest that exposure to the chemicals may lead to cancer.

PIONEER™ successfully removes these chemicals and is installed where the water line enters your home, business or restaurant.



## 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

## FEATURES

- 100% non-metallic
- Patented no-tools necessary snap-ring design
- Multiple filtration solutions (BL, GN, OR, WH, YE, SV, PN)
- Full 1" MNPT plumbing connection with bypass and 3/8" PEX Shut-off Drain
- Large capacity filter configurations

