

PIONEER™ is specifically designed at a 0.5-micron nominal filtration level, to remove both particulate and soluble lead from your drinking water. Soluble lead is invisible, odorless, tasteless, and needs to be chemically removed from water. Particulate lead is like a tiny grain of sand that needs to be physically removed from water. The PIONEER™ POE filter is strategically designed to remove BOTH forms of lead contamination from the whole house in a single filter.

Not only does PIONEER remove lead, it also removes or reduces chlorine, chloramine and other harmful contaminants in your water, including >99.95% of Cysts. This system has been tested and third-party certified as required in the NSF/ANSI P473 standard for PFOA/PFOS, along with NSF/ANSI 53 standard for the reduction of lead and cyst.

## PIONEER™



PF-40

### EASY TO UNDERSTAND LED REPLACEMENT NOTIFICATIONS

The Real-time Dynamic LED System monitors water and flow rate and provides a visual color-coded notification

**FILTER GOOD**

**CHANGE SOON**  
10% FILTER LIFE REMAINING

**CHANGE NOW**



| General Specifications                                  | CT-05-CB-AMYCL  |
|---|---|
| Micron Rating   | 0.5   |
| Rated Capacity & Flow Rate                              | Lead Reduction<br>100,000 gallons @<br>4.51 GPM @ 99.62%<br>reduction   |
| Peak Flow & % Reduction of Lead                         | 8 GPM (30.2 lpm) @<br>99.62% reduction  |
| Chlorine / Chloramine Taste and Odor Reduction Capacity | > 300,000 gallons @ 15 GPM (1,135,533 Liters @ 56.8 lpm) with greater than 90% reduction, estimated capacity using 2 ppm of free chlorine<br>> 150,000 gallons of 8 GPM (567,812 Liters @ 30.3 lpm) with greater than 85% reduction, estimated using 3ppm of chloramine |
| Pressure Drop Spec                                      | 15 psid @ 4.51 GPM  |

### OTHER HARMFUL ELEMENTS PIONEER REMOVES FROM YOUR WATER

PIONEER removes lead, which is a colorless, odorless and tasteless metal. In addition to lead, the patented PIONEER filtration system removes >99.95% of Giardia & Crypto, as well as Chlorine & Chloramine.

**Giardia & Crypto** - Waterborne parasite that causes diarrheal disease, very resistant to chlorine-based disinfectants, common in drinking and recreational water.

**Chlorine & Chloramine** - Water disinfectants added to municipal water, that have negative health effects and the most harmful exposure is through inhalation and skin adsorption of steam in a shower.