

TESTING PIONEER

The NSF/ANSI 53 Drinking Water Treatment Units - Health Effects standard, accredited by the American National Standards Institute (ANSI), is used to test and evaluate the effectiveness of water treatment equipment used in homes for the reduction of chemicals that may be present in drinking water, such as lead. The NSF/ANSI 53 standard contains four primary sections and is tested and certified by an accredited 3rd party certification body for Material Safety, Structural Integrity, Product Literature, and:

Section 1: Material Safety Testing, ensures that the water filter that has been designed to reduce lead from the drinking water will not add (leach) harmful contaminants to the water.

Section 2: Structural Integrity Testing, prevents water damage by ensuring that the filter is built to handle water pressure and water hammer typically found in homes.

This system has been tested according to NSF/ANSI 53 for reduction of lead and cyst. The concentration of lead in water entering the system (0.15mg/L +/- 10%) was reduced to a concentration less than or equal to permissible limit (0.010 mg/L) for water leaving the system, as specified in NSF/ANSI 53.

This test helps ensure products will not leak, break or crack during normal use.

Section 3: Evaluates the Performance of the filter to reduce water contaminants such as lead. The lead performance test created in the NSF/ANSI 53 standard is extremely rigorous. The US EPA's action level for lead in drinking water is 15 ppb. The influent lead level for NSF/ANSI 53 testing is 150 ppb or **10 times** the allowed level. NSF/ANSI 53 also requires testing at high and low pH levels to ensure the filter can remove lead in its ionic form and particulate form. For the duration of the testing the filter must reduce the influent lead concentration below 10 ppb, Enpress targeted levels below 5 ppb.

Section 4: Requires the manufacturer to include specific performance information in the product's Instruction Manual, data plate and a performance data sheet that lists the contaminants that have been tested.

PIONEER™ SPECIFICATIONS

PIONEER NAME AND PART NUMBER	SIZE & MICRON RATING	RATED CAPACITY & FLOW RATE	PEAK FLOW & % REDUCTION OF LEAD	CHLORINE/CHLORAMINE TASTE AND ODOR REDUCTION CAPACITY (*)	PRESSURE DROP SPEC
PIONEER™ System CTA0840BBBK P5-04C00	8" x 40" 0.5	Lead Reduction and PFOA/PFOS 100,000 gallons @ 4.51 GPM (378,541 Liters @ 17.1 lpm) @ 99.62% lead reduction @ 97.9% PFOA/PFOS reduction	8 GPM (30.2lpm) @ 99.62% reduction (*) >88,000 gallons at 8 GPM (333,116 Liters @ 30.2lpm)	>300,000 gallons @ 15 GPM (1,135,533 Liters @ 56.8 lpm) with greater than 90% reduction, estimated capacity using 2ppm of free chlorine. >150,000 gallons @ 8 GPM (567,812 Liters @ 30.3 lpm) with greater than 85% reduction, estimated using 3ppm of chloramine.	9 psid @ 4.51 GPM

REPLACEMENT CARTRIDGE FILTERS ARE LISTED AS PIONEER™ 0.5 Micron High Capacity Carbon Block // PART NUMBER: CT-05-CB-AMYCL

*Claims are not performance tested by IAPMO or NSF. Performance claims are based on independent laboratory and manufacturer's internal test data. Actual performance is dependent on influent water quality, flow rates, system design and application. Results may vary.

IMPORTANT

DO NOT USE extra lubricants, unapproved sealants and tools to tighten hand tightened only parts. Use of tools other than hand tighten only parts voids warranty. Testing was performed under standard laboratory conditions; actual performance may vary. Flush the system and change the filter as suggested. The contaminants or other substances removed or reduced by this water filter are not necessarily in all users' water.

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. Performance claims are based on a complete system, including a filter, housing, and connection to a pressurized water source. This filter must be operated according to the system's specifications in order to deliver the claimed performance. It is essential to follow operational, maintenance, and filter replacement requirements, as directed for each application, for this filter and system to perform correctly. Read the Manufacturer's Performance Data Sheet accompanying the system and change the filter as suggested. The contaminants or other substances removed or reduced by this water filter are not necessarily in all users' water.

WARRANTY

LIMITED LIABILITY - ENPRESS LLC makes no warranties of any kind, expressed or implied, statutory or otherwise, and expressly disclaims all warranties of every kind, concerning the product, including, without limitation, warranties of merchantability and fitness for a particular purpose, except that this product should be capable of performing as described in this product's data sheet. ENPRESS LLC's obligation shall be limited solely to the refund of the purchase price or replacement of the product proven defective, in ENPRESS LLC's sole discretion. Determination of suitability of this product for uses and applications contemplated by Buyer shall be the sole responsibility of Buyer. Use of this product constitutes Buyer's acceptance of this Limited Liability.

If you have any questions regarding your water filter, contact your local dealer, OEM, or the manufacturer at the following:

MANUFACTURED BY



For more information, visit enpress.com or onefiltration.com

ENPRESS, LLC. | 34899 Curtis Blvd., Eastlake Ohio 44095
Phone 866.859.9274 | Fax 440.510.0202 | info@enpress.com

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EPA Est. 092577-OH-001

This system has been tested for the reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 53 and P473. Minimum substance reductions are as follows:

SUBSTANCE	INFLUENT CHALLENGE CONCENTRATION (MG/L)	MAXIMUM PERMISSIBLE PRODUCT WATER CONCENTRATION (MG/L)	NSF/ANSI STANDARD
Lead	0.15 +/- 10%	0.01	53
Cyst	minimum 50,000/L	99.95%	53
PFOA/PFOS	1.5 +/- 10%	0.07	P473

Minimum Operating Temperature: 34 F / 1 C
Maximum Operating Temperature: 120 F / 50 C
Minimum Operating Pressure: 20 psig / 1.38 bar
Maximum Operating Pressure: 125 psig / 8.6 bar
Electrical Requirements: Grounded & Unswitched 115 V outlet and 3-AAA Batteries

Filter Replacement Operating Instructions: New cartridges must be flushed for a minimum of 10 minutes prior to use. System and installation to comply with 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. Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.

Manufactured from NSF/ANSI standard 61 and California Prop 65 Compliant certified coconut shell carbon and raw materials.

CERTIFICATIONS



This ENPRESS system is certified by IAPMO RBT against NSF/ANSI Standards 53 and P473 (also CSA B455.1) for the reduction of claims specified on the performance data sheet.

This ENPRESS pressure vessel is tested and certified by NSF International against NSF/ANSI Standard 44 and 61 for materials and structural integrity requirements.

COMPONENT

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80 N. Charlotte Street
Pottstown, PA 19464

PRODUCT INFORMATION AND PRICING
Lead, Cyst, PFOA/PFOS



PIONEER is the First of its Kind Whole-House Lead, Cyst & PFOA/PFOS Removal System

8" x 40" Enpress Tank with Pioneer POE Filter #112464.....\$1200.00 plus tax
Replacement Filter Cartridge #112310..... \$500.00 plus tax

Price Includes:

- Installation (Plumbing and Electric)
- All plumbing is done in CPVC or PEX unless otherwise noted.
- Warranty: 1 Year Parts & Labor on Tank, 30 days on Filter. UPONOR AquaPEX-a Warranty: 10 Years when installed in combination with non-Uponor fittings.
- Bypass Valve
- Disposal of Old Unit at No Charge

PIONEER™



Maintenance Involved:

- Replace filter as needed
- Replace battery as needed

Features:

- LED System Monitor for water usage and flow rate reminds you when it is time to change the filter
- Easy filter replacement – no tools needed
- Certified to NSF/ANSI 61 Standards
- Peak flow rate of 8 GPM
- Tested for 100,000 gallons

Options:

- PFC Post Test \$450.00
- Lead Post Test \$55.00

Payment Is Due at Time of Service

We Accept All Major Credit Cards and Personal Checks. Financing Is Available Through Diamond Credit Union

What's In Your Water? (610) 326-9803



PA HIC# 006571

www.SanatogaWater.com