

PIONEER[®] Pb Specifications

Cartridge Part Number	Size and Micron Rating	Rated Capacity and Flow Rate	Peak Flow and % Reduction of Lead and PFOA/PFOS	Chlorine/chloramine Taste and Odor Reduction Capacity	Pressure Drop Spec
CT-05-CB-AMYCL	8" x 40" / 0.5 Microns	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 (30.2 lpm) @ 99.62% lead reduction @ 97.9% PFOA/PFOS reduction >88,000 gallons at 8 GPM* (333,116 Liters @ 30.2 lpm)	>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 >150,000 gallons @ 8 GPM (567,812 Liters @ 30.3 lpm) with greater than 85% reduction, estimated using 3 ppm of chloramine	9 psid @ 4.51 GPM

Replacement Cartridge Filters Are Listed as PIONEER Pb-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-tighten 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: CHANDLER SYSTEMS INC. 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. CHANDLER SYSTEMS INC.'s obligation shall be limited solely to the refund of the purchase price or replacement of the product proven defective, in CHANDLER SYSTEMS INC.'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.

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. 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%	0.005	53
Cyst	Minimum 50,000/L	99.95%	53
PFOA / PFOS	1.5 +/- 10%	0.02	53

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: 100 psig / 6.9 bar
Electrical Requirements: G rounded and unswitched
 Max 100 PSI
 115 V outlet and 3-AAA Batteries

Filter Replacement Operating Instructions: New cartridges must be flushed for a minimum of 60 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



When used in the FC-40P system, the CT-05-CB-AMYCL Filter is Certified by IAPMO R&T to CSA B483.1 and NSF/ANSI 53 for the reduction of Cysts, Lead, and PFOA/PFOS, and to NSF/ANSI 372 for Low Lead content

MANUFACTURED BY

PIONEER[®]

DROP

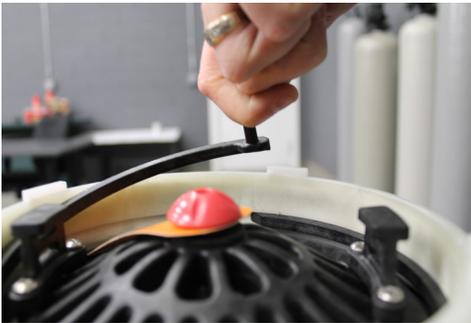
CS CHANDLER SYSTEMS

710 Orange Street
Ashland, OH 44805



New cartridges must be flushed for a minimum of 60 minutes prior to use.

INSTALLATION INSTRUCTIONS



Remove top cap first.



Ensure o-rings are properly lubricated before installation. Insert filter into the filter adapter of the bottom drain assembly.



A filter this high is not installed properly.



A properly installed filter should sit below the seal area.

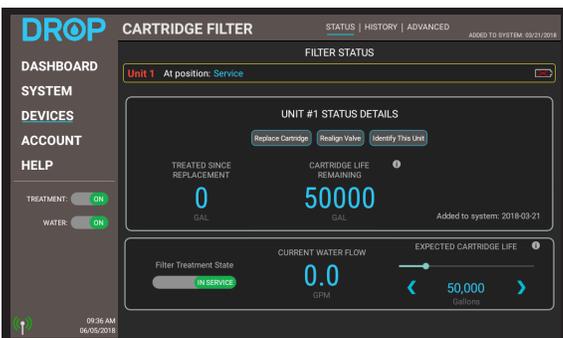


Ensure the top Pressure Release Cap Lid is installed to fully expose the retaining groove.



Install the angled lead tip of the retaining ring into the groove.

CARTRIDGE REPLACEMENT



Using the DROP app on your smart phone or tablet, connect to your DROP system. On the navigation menu on the left choose "Devices", and then choose your Cartridge Filter from that list. Assuming you have one filter, you will see a "Replace Cartridge" button on the screen. Press that button and the lights on the cartridge filter should turn yellow. Wait until the lights stop spinning before going to the next step (Should take approximately 30 seconds and you should hear the motors turning).

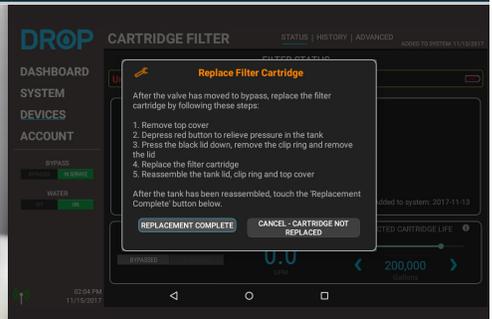
Note: After filter installation or replacement the water will look "milky" or "cloudy". This is due to micro bubbles from the filter being released into the water. They are just tiny air bubbles and are harmless. The bubbles will go away after the first few hours after installation.



Remove top cover and relieve pressure in tank by pressing red button.



Remove snap ring and tank top from tank.



After filter cartridge is installed, double check that the top snap ring is installed properly and then press the "Replacement Complete" button in the app. The motorized bypass will begin to open and your cartridge filter will begin to fill with water. As it is filling gently press the red button on the top of the tank to bleed off air in the tank as it is filling. Once water begins coming out of the pressure relief button, you can release it.

Open the nearest faucet and run water for several minutes. Check for leaks.

60 minute flush required after cartridge replacement before first use.