

PFAS POU Filtration System

Owner's Manual

PFAS POU Series



Model:
PFAS POU



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Congratulations for choosing Kinetico to improve the quality of your water. You will immediately begin to notice the numerous benefits of having quality water in your home and the benefits of having a PFAS POU Filtration System.

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About Your PFAS POU Filtration System



Water is the most important resource in the world. And although the water you use for drinking and cooking constitutes less than one percent of all water used in the home, its quality is probably most important to you.

Experts suggest you drink approximately eight, eight-ounce glasses of water per day. Now that you have a PFAS POU Filtration System, you can rest assured you're drinking clean, high quality water. And it will taste great too. With a PFAS POU Filtration System, drinking those eight glasses of water will be a pleasure, not a chore.

Maintaining Your PFAS POU Filtration System

NOTE: You must follow the PFAS POU Filtration System's operational, maintenance and replacement instructions to ensure proper system performance. Do not use where water is microbiologically unsafe or with water of unknown quality.

The PFAS POU Filtration System must be properly maintained to continue providing high quality household water.

Shutting Off the System

If you should ever discover a problem with your PFAS POU Filtration System, turn off the water supply to the system. Then call your local, authorized Kinetico dealer for service.

Filter Changes

Kinetico recommends changing the cartridge at least once per year, or if the water flow is reduced to an unacceptable level, or bad taste and/or odor return.

Depending upon your water chemistry, the return of certain compounds may not be noticeable upon filter exhaustion.

It is recommended to have your water tested periodically in order to understand your specific needs with regard to filter change frequency.

Your local, authorized Kinetico dealer can change your cartridge, check your water and make sure your system is operating properly. If you choose to install your new cartridge yourself, follow the instructions in the cartridge replacement section at the end of this manual carefully. Never attempt to remove the system's cartridge without first depressurizing the system.

Install Your PFAS POU Filtration System

What to Know Prior to Installation

- The PFAS POU Filtration System is not to be used where water is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after unit.
- For best performance and to maintain full capacity, we recommend installing a prefilter to protect this system.
- The need for a prefilter is determined by the amount of water used and the solid material content of your water supply.
- Do not install where line pressure is outside of 40-100 psi or where temperature is lower than 40°F or exceeds 100°F.
- Installation must comply with any existing local plumbing codes.
- The unit(s) must be protected against freezing. Failure to do so may result in cracking of the filter and water leakage.
- This PFAS POU Filtration System is designed for cold water line use only. Passing hot water through the system may seriously damage filter housing.
- Filter must be in contact with water at all times.
- Recommended pH range is 6 to 8.5.
- Recommended inlet pressure is 60 psi.
- Tools needed: drill, screwdriver, tube cutters (if hard plumbing: lead-free solder, heating device and flux).

Installation Instructions

Before Installing:

1. Determine plumbing requirements
2. Open box and verify all appropriate materials are present:
 - Filter System
 - Head Assembly
 - Cartridge Assembly
 - Pressure Gauge
 - O-rings and lubricant
 - Mounting Track(s)
 - E-clips
 - Instruction Manual
 - Proprietary Inlet and Outlet Adapters

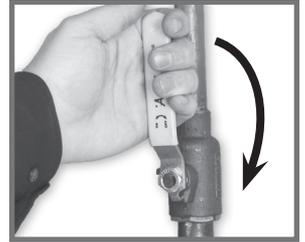
STEP ONE:

Prepare Space for the System:

1. Select appropriate space to install the system. The filter should be mounted upright on a vertical surface without obstruction, leaving a minimum of 6" space below the system for cartridge change outs. System measurements are shown below.
2. Identify incoming water line. The system should be connected to cold water only.
3. Turn off the water supply. Depressurize and drain supply lines. Cut supply lines as needed to install the system.

NOTE: If hard copper plumbing is present, use only lead-free solder and protect filter housing from heat. Do not solder within 12" of plastic parts.

NOTE: Follow appropriate plumbing codes.



VERIFY APPROPRIATE SPACE IS AVAILABLE FOR SYSTEM



PFAS POU Installation Dimensions
Width x Height (head + cartridge + clearance) x Depth
PFAS POU **13" x (9" + 10" + 6") x 10"**



System tested and certified by NSF International against NSF/ANSI Standard 42 and CSA B483.1 for the reduction of Chlorine, Chloramine, Taste & Odor, Particulate Class I and NSF/ANSI Standard 53 for PFOS/PFOA.

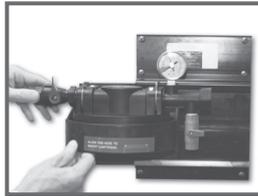
STEP TWO:

Typical Install - Choose correct mounting hardware for surface and attach back plate to wall. Mounting surface and hardware should be rated to support at least 50 lbs.

1. Using a level, mark screw holes for back plate. Drill holes, and insert anchors.



2. Screw back plate into wall anchors. Slide filter head onto back plate.



STEP THREE:

Attach Fittings

1. Use appropriate 3/4" NPT fittings to connect to the cold water supply line. Do not over tighten fittings into plastic parts! **Limited Warranty will be voided if parts are cracked and/or broken due to misuse and/or over tightening. Use only Kinetico approved fittings.**

Connect water filter inlet and outlet to cold water supply. If copper plumbing is necessary, use only lead-free solder and protect filter housing from excessive heat. **Do not solder within 12" of plastic parts.**



STEP FOUR:

Install Cartridge:

1. Generously lubricate inner and outer O-ring using provided lubricant.



2. Align cartridge tabs as indicated on head, insert cartridge and twist to lock into place.

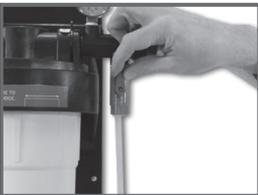


STEP FIVE:

Pressurize and Flush the System:



1. Confirm the inlet ball valve to the system is off, then turn on the main supply line to the system.



2. Open the flush valve and slowly turn inlet ball valve to ON position, allowing water to fill filter system. Once the system is filled, water will flow from the outlet of the flush valve. It may be helpful to add tubing to the end of the flush valve for routing to a bucket or nearby drain.



3. Allow flush valve to remain open for 30-60 seconds. Flush water may be discolored for a short period of time.
4. Once the water is clean and free of air bubbles, close flush valve.
5. Start drawing water from a downstream faucet to remove remaining air from the system and water lines. Keep water running for approximately one minute until only water without air flows through.

STEP SIX:

Use Permanent Marker to Record the Installation Date on the Date Label.

Recommended filter replacement is every 12 months.
Performance of the water treatment unit may vary based on local water conditions.

INSTALLATION DATE: _____

Maintenance

Cartridge Replacement Schedule



- Note the line pressure at the time of install. If the line pressure downstream of the system drops significantly, the cartridge(s) needs to be replaced.
- It is recommended to replace cartridges every 12 months or when the pressure significantly drops, whichever comes first.
- Use system back plate label for cartridge replacement ordering information.
- See page 10 for Cartridge Changing Instructions.

Replace the Cartridge of Your Kineticco Filtration System

Specifications

Description	Part Number	Chlorine, Chloramine, PFOS/PFOA
System/Replacement Element	17099/17127	2,000 gal (7,571 L) @ 2.8 gpm (10.6 Lpm)

Min / Max Pressure : 40-100 psi (275/689 kPa)

Min / Max Temperature: 40-100 °F (4°-38°C)

Inlet / Outlet Size: 3/4" NPT



Step One

- Shut off inlet valve on manifold.
- Open the flush valve located on outlet side of manifold to release pressure.
- Close the flush valve.
- Turn filter counterclockwise ¼ turn (as viewed from bottom). Pull down to remove.

CAUTION: filter contains water and may be heavy.

Step Two

- Remove and discard plastic cap from top of new filter.
- Align tabs on filter with notches in manifold.
- Push upward to insert filter. ENSURE filter is fully inserted.
- Turn filter clockwise (as viewed from bottom), until a definite stop is felt, and filter is seated.
- Slowly open inlet valve on manifold.
- Open the flush valve on the outlet side of manifold.
- Flush system for 5 minutes.
- Close the flush valve.

Change out filter annually or when capacity has been reached.



Troubleshooting

NOTE: A few drops of water may leak at O-ring when first installed. This should stop when O-rings are under pressure and seal properly.

Before beginning any troubleshooting



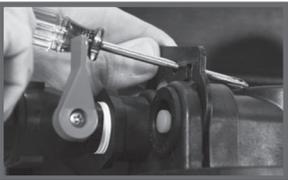
1. Turn inlet valve off.
2. Relieve pressure by opening flush valve and pushing the red pressure relief button.

Issue: Leak between threaded connections



1. Remove fittings.
2. Apply additional thread sealant compound.
3. DO NOT over tighten fittings!

Issue: Leak between fittings and filter head



1. Remove retainer clip carefully. A screwdriver may be necessary to pry the fitting out. Check fittings carefully for any cracks or damage. If damaged, gently remove leaking fitting, discard and replace with new parts.
2. Reinsert retainer clip by pushing down into position.

Issue: Leak between cartridge and filter head



Remove cartridge and inspect O-ring. Replace if damaged. Reinsert cartridge and verify that it is installed correctly. When viewed from above, white locking tabs on cartridge should be visible in four openings on filter head.



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