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› Kinetico K5 Pure Ultra Water Filter System User Manual

KINETICO K5 ULTRA

Kinetico K5 Pure Ultra Water Filter System

Instruction Manual

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Kinetico K5 Pure Ultra Water Filter System. Please read this manual thoroughly before beginning installation or operation to ensure proper function and longevity of your system.

The Kinetico K5 Pure Ultra Water Filter System is an advanced drinking water system designed to provide high-quality filtered water. It utilizes a 5-filter design and Reverse Osmosis (RO) technology to remove a wide range of impurities, including bacteria and viruses, delivering clean, great-tasting water on demand.

SETUP AND INSTALLATION

The Kinetico K5 Pure Ultra Water Filter System is designed for discreet installation, typically fitting under your kitchen sink. The system comes with all necessary components for installation.



Figure 1: Kinetico K5 Pure Ultra Water Filter System unit and storage tank.

What's in the Box:

- Kinetico K5 Pure Ultra Water Filter System Unit
- Dedicated Faucet
- Installation Kit (including necessary tubing and connectors)

Installation Steps:

1. **Prepare the Installation Area:** Ensure sufficient space under the sink for the main unit and the storage tank.
2. **Turn Off Water Supply:** Locate and turn off the cold water supply to your kitchen sink.
3. **Install the Faucet:** Drill a hole (if necessary) in your sink or countertop for the dedicated filtered water faucet and secure it according to the installation kit instructions.
4. **Connect to Water Supply:** Connect the system to your cold water line using the provided adapter.
5. **Connect to Drain:** Install the drain saddle valve on the drain pipe to allow wastewater from the RO process to be discharged.
6. **Connect Storage Tank:** Connect the RO system to the storage tank.

7. **Install Filters:** Insert the filter cartridges into their designated slots. Refer to the "Operating" section for filter details.
8. **Flush the System:** Once all connections are secure, slowly turn on the water supply. Allow the system to fill and flush for several minutes as per detailed installation instructions to remove any carbon fines.
9. **Check for Leaks:** Carefully inspect all connections for any signs of leaks.

For detailed visual instructions, consult the full installation guide provided with your system or contact Kinetico customer support.

OPERATING YOUR SYSTEM

The Kinetico K5 Pure Ultra system employs a sophisticated 5-filter Reverse Osmosis process to deliver high-quality drinking water.



Figure 2: Internal view of the Kinetico K5 Pure Ultra system showing the five filter stages.

How the 5-Filter RO System Works:

Water passes through five distinct filtration stages to ensure maximum purity:

1. **Pre-Filter:** This initial stage removes larger sediments, chlorine, and other contaminants that can affect taste and odor, protecting the subsequent filters.
2. **Reverse Osmosis (RO) Filter:** Water is pushed through a semi-permeable membrane, which is the core of the RO process. This membrane effectively removes inorganic compounds, nitrates, metals, and up to 99.9% of impurities including bacteria and viruses.
3. **Post-Filter:** After the RO membrane, this filter further polishes the water, removing any remaining organic compounds that might cause a foul taste or smell, ensuring crystal clear and delicious water.
4. **Dual Flex Filter 1 (Auxiliary Filter #1):** This flexible filtration component allows for customization. Options include a Purefecta filter for enhanced protection against specific contaminants or a Mineral Plus filter to reintroduce beneficial minerals into the water.
5. **Dual Flex Filter 2 (Auxiliary Filter #2):** Similar to the first flex filter, this stage offers additional customization. It can be configured with a VOC Guard filter to target volatile organic compounds or another Mineral Plus filter, depending on your specific water quality needs.

This multi-stage process ensures that the water dispensed from your dedicated faucet is of the highest quality, purer than most bottled water or jug filters.

MAINTENANCE AND FILTER REPLACEMENT

Regular maintenance, primarily filter replacement, is crucial for the optimal performance and longevity of your Kinetico K5 Pure Ultra Water Filter System.

Filter Lifespan:

- **Cartridge Filters (Pre-Filter, Post-Filter, Dual Flex Filters):** For an average family of four, these cartridges typically last between 9 months to 1 year.
- **Reverse Osmosis (RO) Membrane:** The RO membrane has a longer lifespan, generally lasting 3 to 5 years, depending on water usage and incoming water quality.

Replacing Filters:

The Kinetico K5 system is designed for easy filter replacement. The side panel of the unit can be removed to access the filters. The cartridges are designed for quick removal and installation without special tools.

1. **Turn Off Water Supply:** Before attempting any filter replacement, ensure the water supply to the K5 system is turned off.
2. **Release Pressure:** Open the filtered water faucet to release any pressure in the system.
3. **Remove Side Panel:** Carefully remove the side panel of the K5 unit to expose the filter cartridges.
4. **Remove Old Filters:** Twist and pull out the old filter cartridges. Note the position of each filter for correct replacement.
5. **Install New Filters:** Insert the new filter cartridges into their respective slots, ensuring they are securely seated.
6. **Replace Side Panel:** Reattach the side panel.
7. **Restore Water Supply:** Slowly turn the water supply back on.
8. **Flush System:** Allow the system to flush for several minutes by running water through the dedicated faucet to remove any air or carbon fines from the new filters.
9. **Check for Leaks:** Inspect all connections and the filter housing for any leaks.

It is recommended to mark the installation date on the new filters to track their lifespan.

TROUBLESHOOTING

If you experience issues with your Kinetico K5 Pure Ultra Water Filter System, consider the following common troubleshooting steps:

- **Reduced Water Flow:** This is often an indication that filters are clogged and need replacement. Check the lifespan of your cartridge filters and RO membrane.
- **Unpleasant Taste or Odor:** This typically means the carbon filters (Pre-Filter, Post-Filter, or VOC Guard if installed) are exhausted and require replacement.
- **Constant Drain Noise:** This could indicate a problem with the automatic shut-off valve or a damaged RO membrane. Ensure the water supply is fully open.
- **Leaks:** Turn off the water supply immediately. Check all connections for tightness. Ensure O-rings on filters are properly seated and not damaged.

If these steps do not resolve the issue, or for more complex problems, please contact Kinetico customer support.

SPECIFICATIONS

Feature	Detail
Brand	KINETICO
Model Name	K5 Ultra
Item Model Number	K5 ULTRA
Product Dimensions (L x W x H)	16" x 6" x 19"
Weight	31.3 Pounds
Filtration Stages	5-filter system (Pre-Filter, RO Membrane, Post-Filter, 2 Dual Flex Filters)
Certification	NSF Certified
Package Information	Faucet & Tank

WARRANTY AND SUPPORT

The Kinetico K5 Pure Ultra Water Filter System is backed by Kinetico's commitment to quality. While specific warranty details should be confirmed with your purchase documentation, Kinetico systems are known for their robust warranties, often extending for several years.

For warranty claims, technical assistance, or to schedule professional filter changes, please contact Kinetico customer support directly. Ensure you have your product model number (K5 ULTRA) and purchase details available when contacting support.

Kinetico also offers services for filter changes, or you can order replacement filters directly from them for self-replacement.



