

Kinetico K5 Reverse Osmosis Filter Replacement Directions

Your K5 RO filters need replacement every 500 gallons. The Kinetico will alert you to this by a sudden decrease or cessation of drinking water from the faucet. You should always confirm the need for a new filter set by looking at the *Puremeter* in the top of the MacGuard filter housing. The blue indicator stem should be at or near the bottom if the filters are exhausted. If the blue indicator is not at or near the bottom of the *Puremeter*, then the low flow at the faucet may be caused by another problem – contact your Kinetico dealer to discuss.

Before changing the filters, be sure to have a new set on hand. You will also want to have a towel on hand to catch drips.

The replacement filters come with sanitary protective caps. These should be removed before installation. All replacement filters should be carefully filled with tap water to expel as much air as possible before installing. Each filter comes with individual change instructions that should be reviewed.

Step-by-step instructions

- Step 1:** Carefully remove the protective caps on the replacement RO filters – note color coding for proper location. Fill each filter cartridge slowly and as completely as possible with tap water. The goal here is to eliminate as much air as possible. Fill the cartridge center ports and the small slots that surround the center ports. Set carefully aside.
- Step 2:** Locate and close the main supply valve to the RO system. The water enters the RO system at the rear, sometimes the valve is near the inlet, most times where it taps into the cold water supply line. It is usually a grey valve with a small blue handle.
- Step 3:** Relieve the pressure by opening the drinking water faucet or local “faucet” near the unit (piece of tubing with a valve in it). Wait for a no-flow condition – this may take a couple of minutes.
- Step 4:** Remove one or both of the side cover(s) of the K5 RO system to reveal the filters and RO membrane module. There may be a sticker on the side panel showing the filter locations. Review this.
- Step 5:** Start with the pre-filter. This will be the one on the end of the unit where the tubing comes up from the rear. This is often at the rear of the unit when installed under a cabinet. If wall-mounted, be sure to choose the filter at the end of the system where the tubing comes in. Slip the towel underneath the unit to

catch drips. Grasp the black filter housing and rotate counterclockwise (to the left) $\frac{1}{4}$ turn and gently pull down. The entire assembly should come down. Discard the filter cartridge assembly. Center the new water-filled filter under the left side with the large tabs at the top facing back and front. Firmly slide the filter up and rotate $\frac{1}{4}$ turn clockwise (to the right). It will lock into place. Clean up water drips with the towel.

- Step 6:** Repeat Step 5 with any Flex Filters and the MacGuard post filter. This is the filter towards the front of the K5 unit, directly underneath the *Puremometer* device. On the post filter, you will notice that you are pushing against spring tension (the blue *Puremometer* pin) when installing this – this is normal. You don't need to service the membrane module in the center. Wipe up all drips. This cartridge is tucked underneath the cowling and is a bit tricky to get in – be patient and don't force it. Sometimes looking with a flashlight helps you see where the filter has to go. Wipe up drips with towel.
- Step 7:** *Slowly* open the main RO supply valve. Air and water will come out of the open faucet. Leave the faucet open for 15 minutes to ensure that all air has been expelled. In many cases, two tanks of water should be expelled before use – follow instructions supplied with the filters. The water may also have tiny air bubbles that may persist for a day or so. When the running is complete, the water is ready for use.
- Step 8:** Open the valve to the refrigerator if you have shut this off.
- Step 9:** Check for leaks. Replace the side cover(s). You are now set to go for another 500 gallons.