Reverse Osmosis Filter Change Guide

Written by 602abcWATER
Start Here

Confirm Your filter order.

Open your packages and confirm that you have received all the correct filters. If you are missing or sent something else please contact us at 602.222.9283.

Step 1- Turning Off Your Reverse Osmosis System

Remove your Reverse Osmosis System from under your sink. We recommend to place a tray under the system to catch any water that may spill during the removal of the filter housings. This image is in the on position.

1. Turn off incoming water supply
2. Turn off storage tank valve.
3. Open faucet to release the water pressure. Allow five minutes for the system to depressurize.

Please be sure to visit our website for installation resources to assist you during your filter change.
Phone: 602.222.9283 – Monday thru Friday 7am to 4pm Arizona time.
Email: support@602abcwater.com
Step 2 - Sanitizing your System

This process is recommended when replacing your membrane (Step 5). When sanitizing your reverse osmosis, we recommend using Sani System liquid sanitizer concentrate. Sani System can be purchased through us at 602abcwater.com

See step 1 to Turn off System
1. Remove membrane element and pre-filters.
2. Fill empty pre-filter housing with one 0.25 ounce per-measured packet per 2 gallons of water and turn on raw water. (Note: standard system capacity is 1-2 gallons).
3. After holding is full, let system stand idle for a minimum of 60 seconds. Turn off water. Drain holding tank.
4. Before the system is put back into service, flush system with potable water to assure sanitizing solution is thoroughly from system. Follow the directions for replacing new pre-filters, membrane element and post filter.

Step 3 - Replacing the Carbon and Pre-Sediment Filters

See step 1 to Turn off System

1. Unscrew canister from housings using a filter wrench.
2. Discard used filters.
3. Inspect “O” rings in each filter canisters to insure that they are clean and not damaged, cracked or broken.

See page 8 to replace if necessary.
4. Clean and wipe down canister with rag.
5. Insert new filter.
6. Screw bottoms of housings back onto the caps securely, do not over-tighten. Hand tighten should be sufficient.

If you are not changing other filter See step 6 to Turn on System
Step 4 - Replacing the Post Inline Carbon Filter

See step 1 to Turn off System

1. Remove tubes from fittings by pressing in collar around the fitting while pulling the tube with the other hand.

2. The other side is easier to use a wrench to hold the inlet and spin the post carbon till the fitting is removed.

3. Retape both fittings with 5 wraps with plumbers tape and attach to new filter. Ensure the tape is not touching the “o”ring on the fitting or a leak may occur.

4. Remove the Plastic caps on both sides of the new post carbon.

NOTE: The filter has an arrow on it showing the direction of the flow. The tee fitting connects to the inlet side of the filter and the elbow attaches to the outlet side.

NOTE: Hand tighten fittings, then tighten with a wrench 1/4 Turn.

5. Attach post-filter to bracket with the tee fitting on the inlet end.

6. Attach tubes to fittings by pushing in until the tube stops. Check to see if tube is in place by trying to gently pull tube out.

If you are not changing other filter See step 6 to Turn on System
Step 5 - Replacing the Membrane Filter

See step 1 to Turn off System

NOTE: It is recommended that you sanitize the system each time you change the membrane. See step 2 to Sanitize your System.

When installing a new membrane, it is recommended that you replace the pre-filter and post-filter as well.

1. Disconnect the tubing from membrane housing. Hold the membrane housing with one hand and remove the cap with the other hand.

2. To remove the membrane, grasp the center tube of the membrane with needle nose pliers and pull.

3. Discard the old membrane.

After you Sanitize. How to install new Membrane.

4. Examine the black “O” ring to insure that they are clean and not damaged, cracked or broken.

   See page 8 to replace if necessary.

5. Place membrane in housing, use your outer palm to push membrane into the housing for a snug fit.

6. Screw cap back on membrane housing without installing the new membrane. Reinstall the tubing to housing at this time.

If you are not changing other filter See step 6 to Turn on System.
Step 5a - Changing High Efficiency GRO Membrane Filter

See step 5 to Turn on System

3. Depress the plastic collars and pull out the tubes from the three ports on the old membrane.

4. Pull up in the membrane and remove it from the unit.

5. Snap in new membrane to the unit

6. Replace the tubes into the new membrane by pushing them in 5/8” The yellow tube goes into the port marked “inlet” The black tube goes into the port marked “drain” The red tube goes into the port marked “permeate”.

If you are not changing other filter See step 6 to Turn on System

Replacing “O” Rings

1. Remove black rubber “0”ring from groove in housing.

2. Wipe grooves and “0”ring clean, set “0”ring aside.

3. Lubricate each “0”ring with a coating of clean silicone grease. With two fingers press each “0”ring securely into the groove below the threads of the appropriate housing. The rubber “0”ring provides the water tight seal between the cap and the bottom sump. It is important that the “0”ring be properly seated in the groove below the threads of the housing or a leak may occur.

4. Insert cartridge in the bottom of the housings. Make sure the cartridge slips over the standpipe in the bottom of the housing.

NOTE: Be sure to install cartridges in the proper housings.

5. Screw bottoms of housings back onto the caps securely, do not over-tighten. Hand tighten should be sufficient. Turn on cold water supply.
Step 6 - Turning your system on

See step 5 to Turn on System
1. Turn on the cold water supply
2. Turn on System check for leaks.
3. Turn on Tank check for leaks.

Open the drinking water faucet to drain storage tank.
When tank is drained, close faucet.
4. Allow the tank to refill, then flush the first tank of water by opening the drinking water faucet.

Filter Replacement

You have a 5-stage reverse osmosis drinking water system. This means you have 5 filters that will require future replacement. We recommend that you mark each filter with a sticker that displays the filter change date.
The first 3 stages of filters (1 Sediment & 2 Carbon) are typically changed every 6 months to 1 year depending on usage. If your water contains a high amount of sediment, it may be necessary to change the sediment cartridge more frequently.
The 4th stage (thin film membrane) filter is typically changed every 2 years.
The 5th stage (carbon inline) filter is typically changed every 12 months.
If your water contains a high amount of chlorine, it may be necessary to change the carbon pre-filter(s) more often.

Call Today! 1-602-222-9283 or Online www.602abcwater.com

Order Code: MYWATER17

Order Code: MYWATER27
Our company is managed by water professionals with over 25 years of combined experience. Our goal is to provide you and your family with the best equipment available in the industry, offer a support experience that is second to none and have fair pricing that everyone can afford. If you have any questions about which equipment is right for your home, or have installation questions, give us a call.

We are located in Phoenix Arizona. We accept walk in orders from local residents. We offer support via email, phone, text or video chat. Technical support is available Monday thru Friday between the hours of 7am to 4pm AZ time.

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Products that Compliment a Reverse Osmosis

We want to thank you for choosing our business for your water treatment needs. We would like to show our gratitude by offering a limited time discount on your next purchase. Please call us within 30 days of purchase and you will receive a 5% discount on one of the following product lines listed below:

Whole House Water Softener
ABCwaters built Fleck 5600sxt Water Softener System
http://602abcwater.com/water-softeners/

Whole House Filtration
Carbon Upflow Systems
http://602abcwater.com/whole-home-filtration-systems/

*30 day time limit is based on our purchase invoice date.*