

RO Membrane Replacement:

The membrane has a life expectancy between 24 to 36 months, depending on the incoming water conditions and the amount of the water the system is used. The reverse osmosis membrane is critical for effective reduction of claims. The product water should be tested periodically to verify that the system is performing satisfactorily.

1. Turn off the incoming water supply to the RO by turning the inlet valve clockwise until it stops.
2. Close the storage tank ball valve.
3. Open the RO Faucet and allow water to drain from the storage tank until it is completely empty.

Removing the Membrane:

1. Remove the tube fittings from the RO membrane cap.
2. Use the wrench provided to remove the cap from the housing.
3. Use pliers to grip the center tube of the membrane and pull firmly to remove the membrane from the housing and discard.

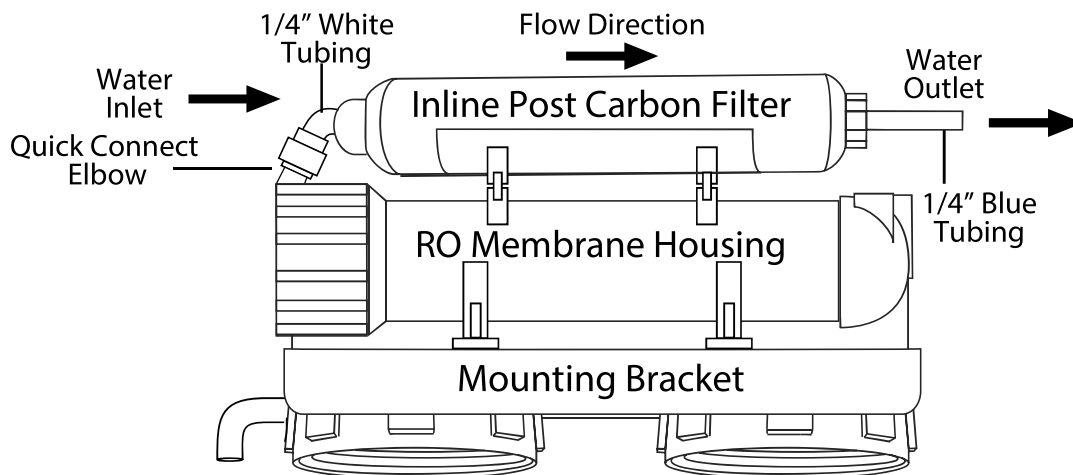
Installing the Membrane:

4. Lubricate the O-rings on the new membrane with water only. Insert the end with the two black O-rings first into the standpipe of the housing.
5. Once the membrane has been inserted into the housing you must give a firm push to properly seat the membrane. Replace membrane housing cap and tighten with the supplied wrench.
6. Install the tube fitting back into the cap.
7. Follow the start up instructions on page 12.

Inline Post Carbon Filter Replacement (VRO-4U):

The inline post carbon filter has a life expectancy between 6 to 12 months. The inline post carbon filter is an effective filter in removing any post odor and taste.

1. Turn off the incoming water supply to the RO by turning the inlet valve clockwise until it stops.
2. Close the storage tank ball valve.
3. Open the RO faucet for 10 seconds. This will release the pressure in the RO system.



Inline Post Carbon Filter Replacement (continued):

Removing the Expired Inline Post Carbon Filter:

1. Remove the blue horseshoe securing the ¼" blue tubing in the quick connect on the old inline post carbon filter. Then disconnect the blue tubing by pushing in the collet and pulling out the blue tubing.
2. Remove the blue horseshoe securing the the quick connect elbow on the old inline post carbon filter. Then disconnect the elbow by pushing in the collet and pulling out the elbow.
3. Pull off the filter from the inline filter mounting brackets that are attached to the membrane housing.

Installing the New Inline Post Carbon Filter:

1. Remove the outer packaging from the new Inline Post Carbon Filter. Place the filter onto the inline filter mounting brackets as illustrated on the previous page.
2. Connect the ¼" blue tubing back into the outlet of the filter. Replace the blue horseshoe to secure the tubing.
3. Connect the quick connect elbow back into the inlet of the filter. Replace the blue horseshoe to secure the elbow.
4. Follow steps 6 - 9 of the 6 Month system Maintenance on page 12.

Check Air Pressure in the Tank:

Important: Check air pressure only when the tank is empty of water!

Check air pressure in the storage tank when you notice a decrease in available water from the RO system. Air can be added with a bicycle pump using the valve that is located on the bottom of the tank cover by a black cap.

1. Turn off the incoming water supply to the RO by turning the inlet valve counter clockwise until it stops.
2. Open the RO Faucet and allow the water to drain from the tank until it is completely empty.

Tip: When water from the RO faucet slows to a trickle, with the faucet still in the open position, you may add air to the tank to purge any left over water, this will ensure that the tank is completely empty.

3. Once all the water in the tank is purged, check the air pressure using an air pressure gauge. It should read between 5 to 7 psi. (Digital air pressure gauge is recommended). Pump air into the tank to increase the pressure if necessary.
4. Open the tank ball valve and inlet valve, when the storage tank is full you can enjoy the RO water.

