

How to replace filters for 4 Stage Countertop Reverse Osmosis System

Tools needed or recommended:

- pliers
- collet tool or tubing cutter with collet tool (recommended, but not required).
Collet tool helps disconnecting the tubing from quick-connect (QC) fitting easier.

Disconnect the RO system from a water supply. Place the RO system on the working surface. Expect small water leakage during filter replacement, so we suggest having some paper towel nearby.

Take 2 pictures of your RO system from front and back. In case of trouble, it helps you to check if the RO unit is assembled correctly after filter replacement.

Estimate time for replacement: 25-35 minutes.



Collet tool



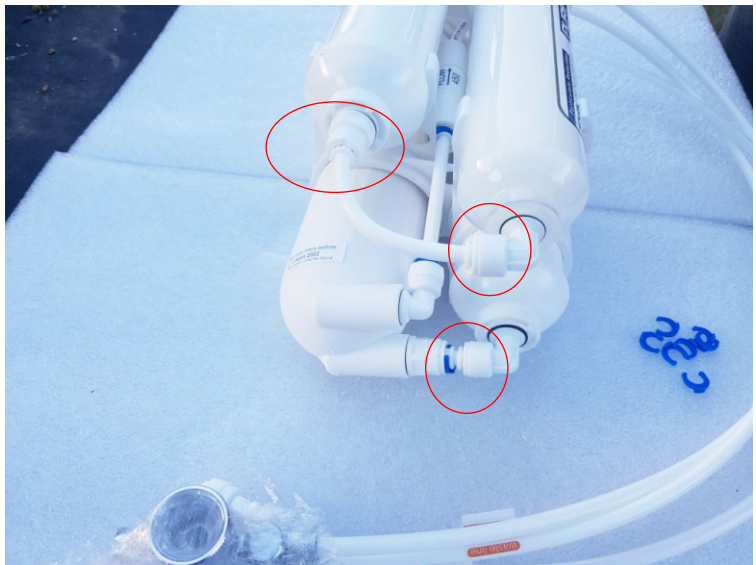
Cutter with collet toll



Remove blue C-rings

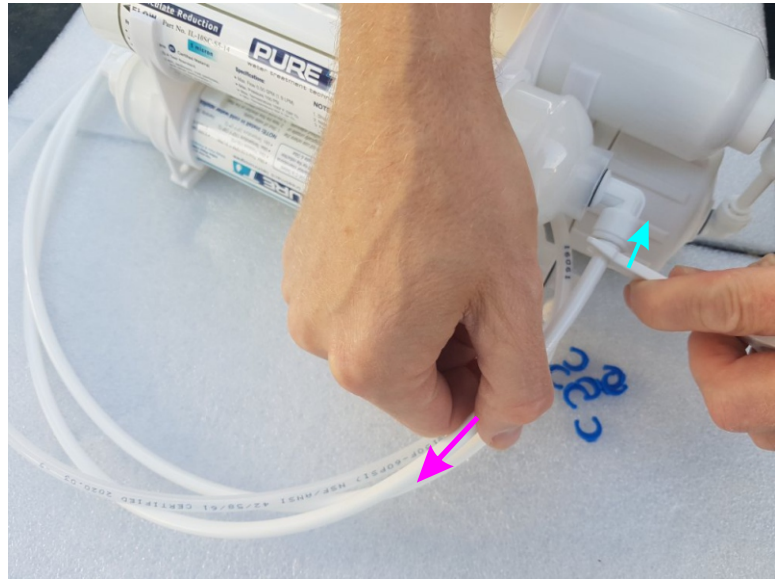


Remove blue C-rings



Disconnect tubing from elbow fitting.
You can use the nail or top part of the finger to push on the collet, at the same time pull tubing out.

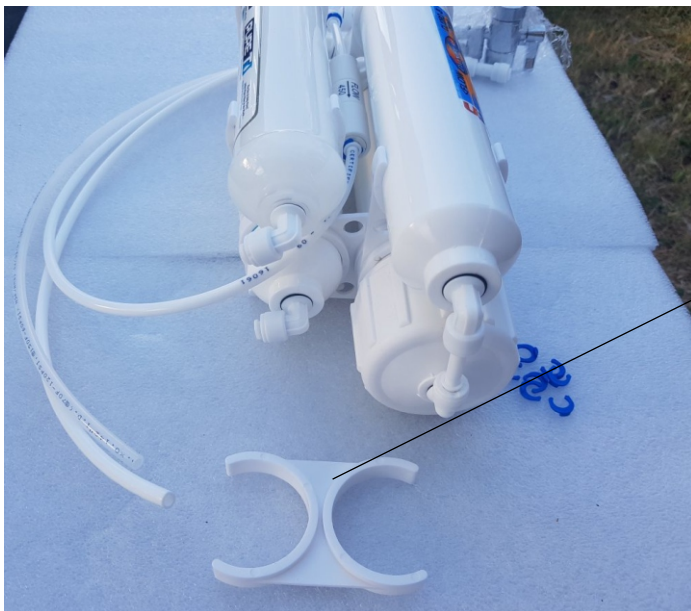
Use the collet tool to disconnect tubing.
Push the collet tool against the top part of the elbow.
Pull tubing out or hold tubing and apply pressure on the collect tool



Tip. Make sure the blue C-ring remove before disconnecting the tubing. If the blue c-ring still in place, you are not able to disconnect the tubing



Disconnect both tubings



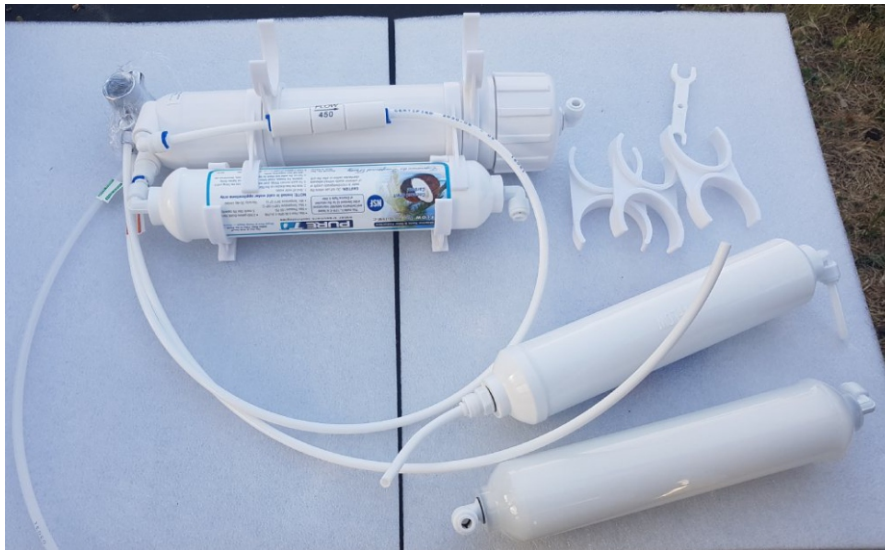
Remove plastic clip which connect 2 upper filter cartridges



Disconnect tubing between 1st and 2nd stage filter cartridges



Disconnect tubing between 2nd and 3rd stages



Remove 2 upper filter cartridges



Disconnect 3rd and 4th stages



Place all filters on the working surface
If you do not have spare quick connect fitting (5 elbows and 1 straight fitting), remove fitting. Use pliers if needed.

**Screw fitting (elbows and straight fitting) onto new cartridges. Make sure fitting installed the same way as shown in the picture.
Tip. Installed elbows need to be faced 180 degrees (opposite direction)**



Connect new 4th filter to membrane stage.
Tip. When you reconnect tubing and fitting always check the connection. Try to push apart both filters. If you are not able to disconnect filters, connection is ok.



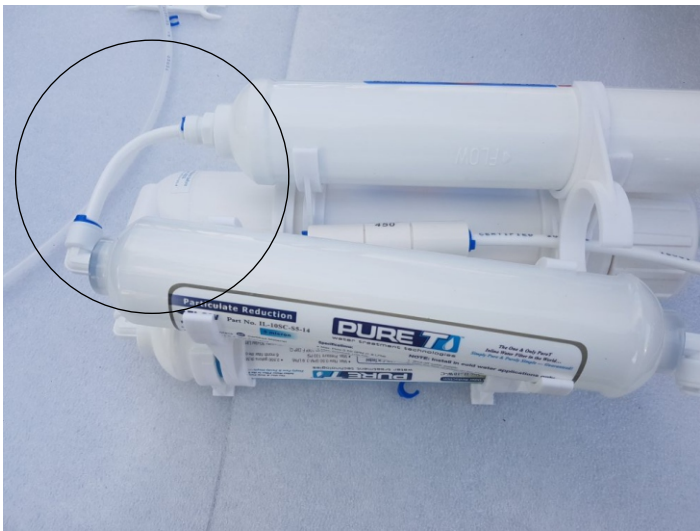
Result



Insert clips



Insert both filter cartridges



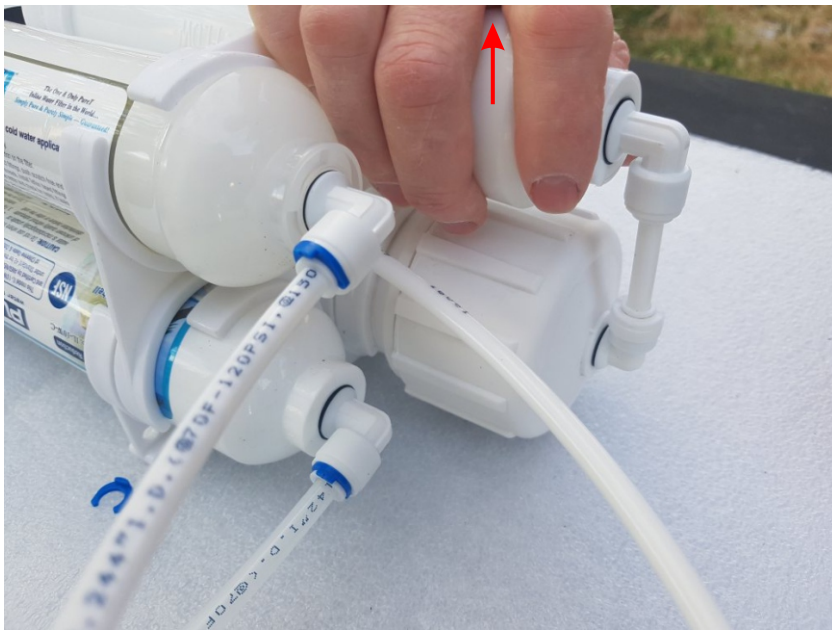
Reconnect 1st and 2nd stages.
Use tubing (3-4" long)



Press both filters together.
Insert blue crings.



Reconnect tubing for the 1st and 4th stages.
The semiclear sediment filter needs to be
connected to the source water line
(upper tubing connected to the diverter)
4th stage (lower filter right below semiclear
sediment filter) is the pure water line.



Reconnect the second stage and membrane stage. Use 2 1/4" length tubing. Please lift the second stage filter up for 1" , insert a piece of tubing, and then press filter and membrane together. Insert blue crings back

Final result. Check water flow direction.

