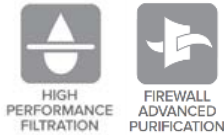


RO QUICK GUIDE OVERVIEW

The **WL400 Water Treatment System** contains a high capacity Reverse Osmosis Filtration System installed in the Base Cabinet.

Efficiency is improved by utilizing the on-board booster pump to optimize the osmotic pressure, and a 4 Gallon Bladder Tank is included in the Base Cabinet.



The Filtration system has 4 Stages of Filtration with 100 Gallons per day capacity combined with exclusive Firewall Purification.

Stage 1 – Sediment Filter; Removes unwanted particles and particulates down to 10 microns.

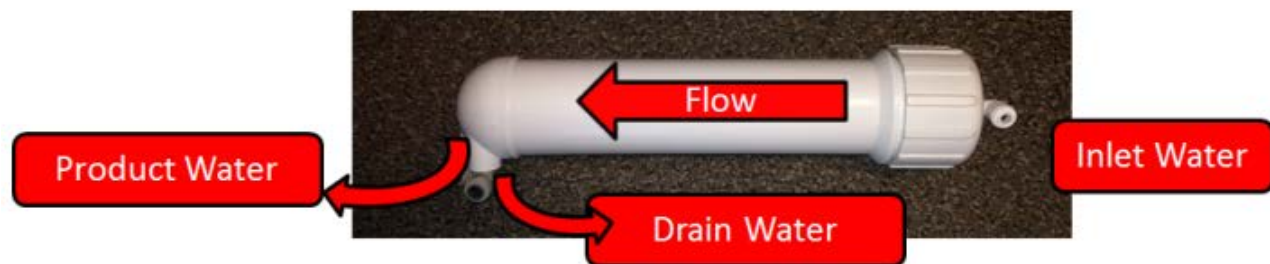
Stage 2 – Pre-Filter; Granular Filter removes unwanted chlorine, odor and bad taste

Stage 3 – RO Membrane; 0.001 Micron filtration to remove total dissolved solids from the water.

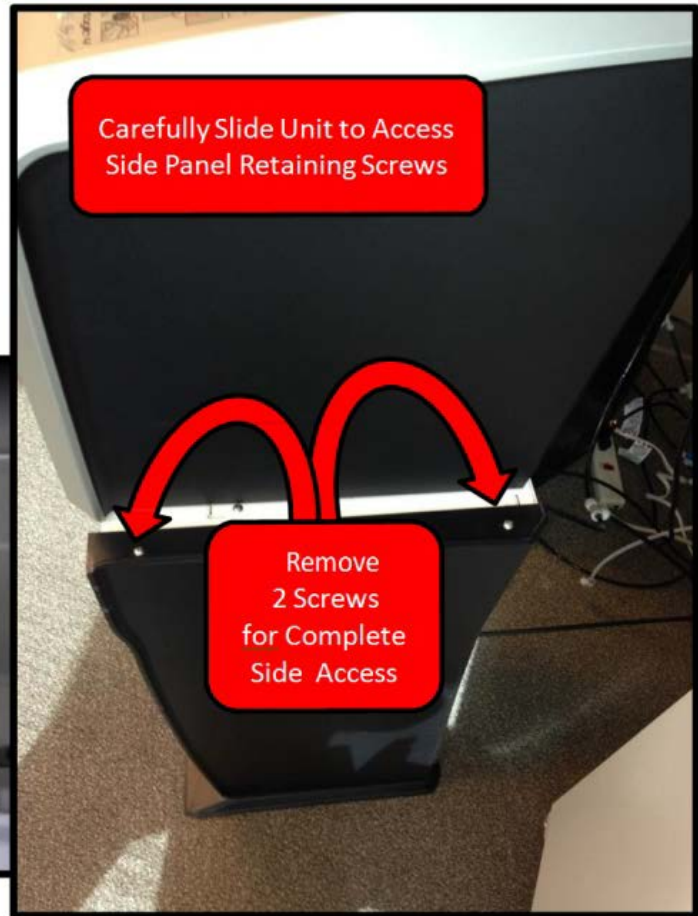
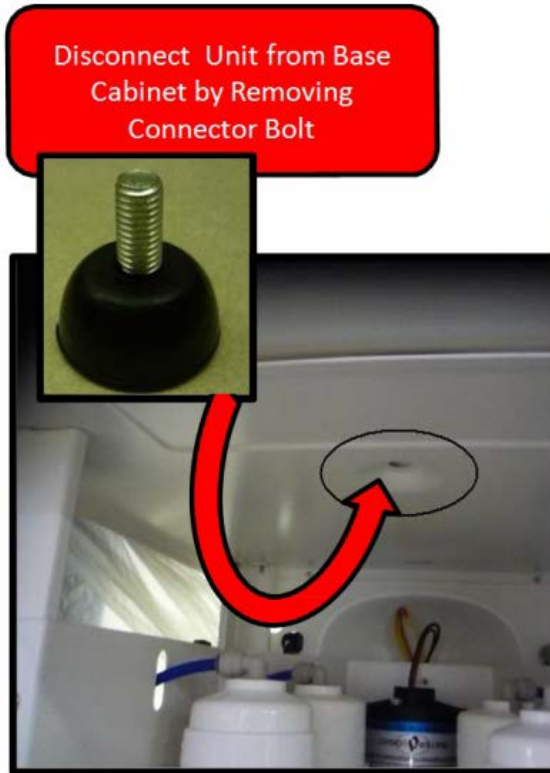
Stage 4 – Post Filter; Carbon “polishing filter” to improve the taste of the water.

Final Barrier – Firewall Advanced Water Purification; Acts as the Final Barrier at the Point of Use.

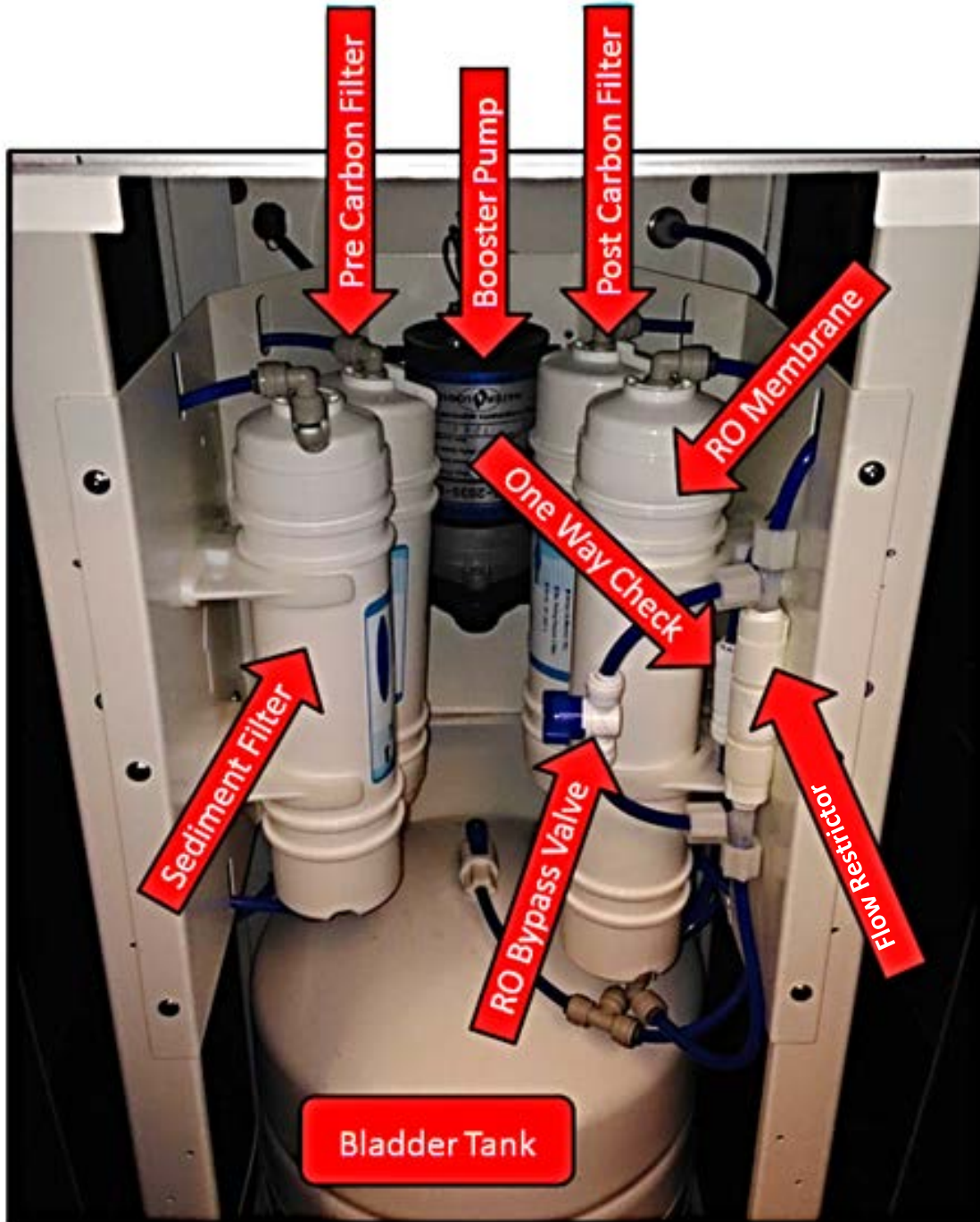
RO Membrane Part No. 15-3020



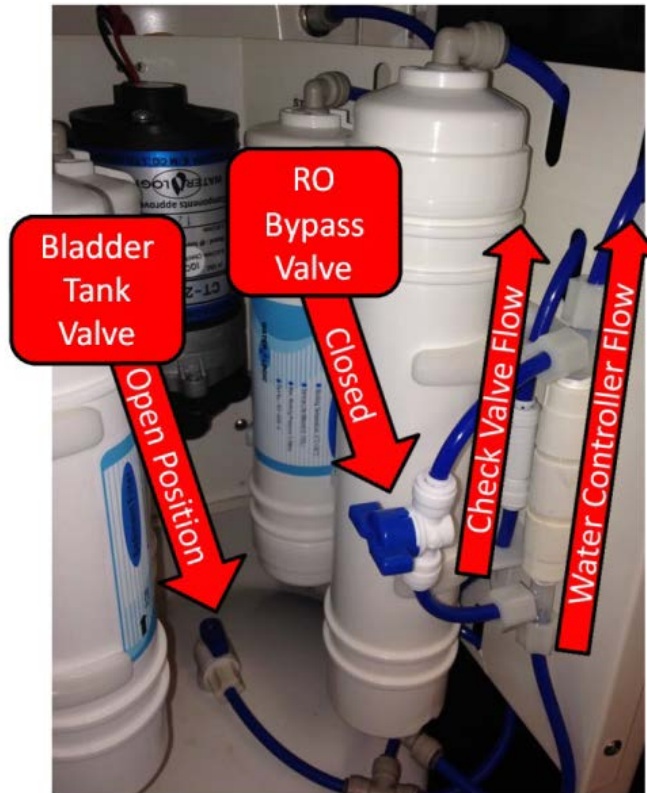
BASE CABINET SIDE REMOVAL



BASE CABINET CONFIGURATION

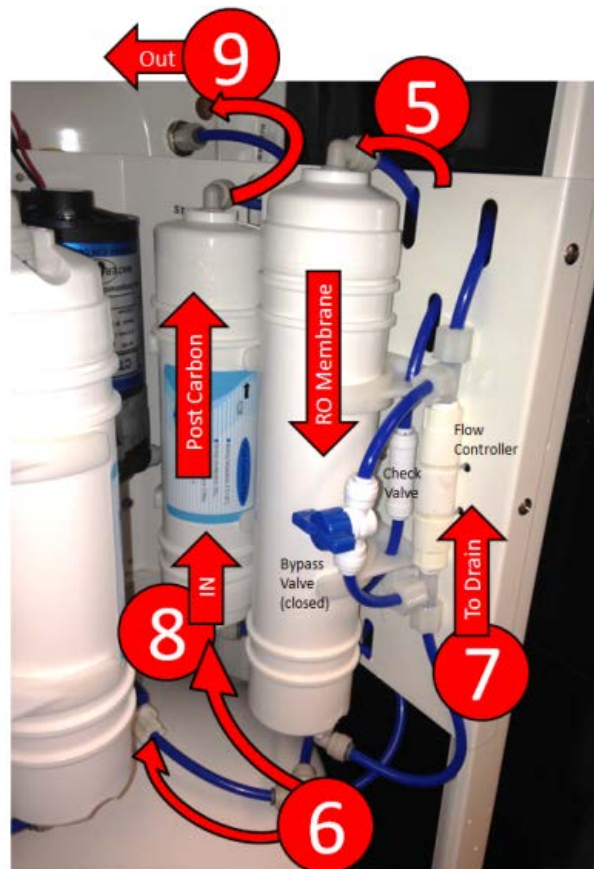
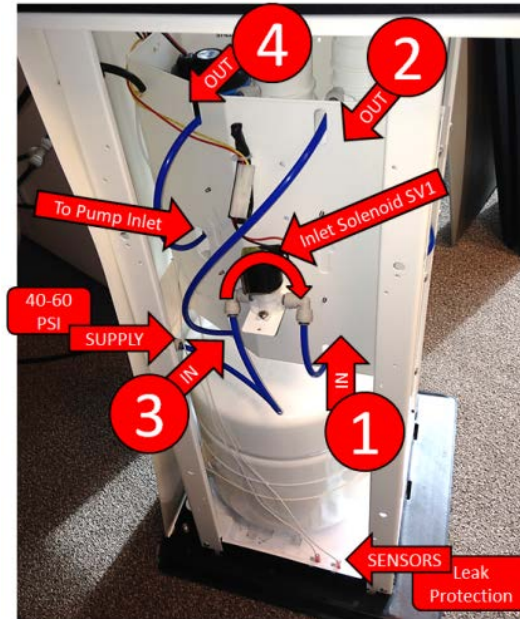


RO SETUP AND FILTER CHANGE

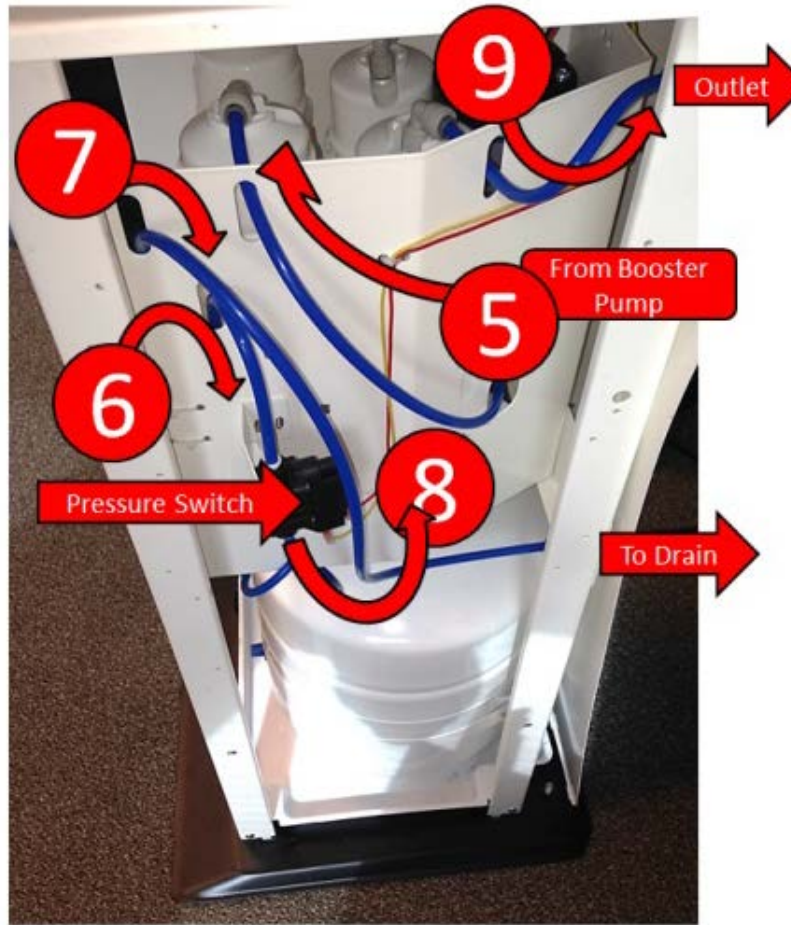


1. Remove Front Panel from Base Cabinet
2. Isolate Water Supply
3. Remove Pre-Carbon and Post-Carbon Filters and clear carbon fines by flushing 5 gallons on water through each filter individually to drain.
4. Reinstall Pre-Carbon and Post-Carbon filters.
5. Close RO bypass valve and bladder tank valve (See photo above)
6. Flush RO Membrane to drain for a minimum of 4 hours or until TDS reduction is at desired level (>90%). Water should be draining from both the water out line and drain line.
7. Open Bladder Tank Valve and turn on water supply. Ensure RO bypass valve stays in the Closed Position.
8. Allow up to 1 hour for empty bladder tank to fill if necessary.

INSIDE LEFT SIDE CABINET CONFIGURATION



INSIDE RIGHT SIDE CABINET CONFIGURATION



REPLACING RO MEMBRANE

Original Filter Configuration

Part No	Description	WLCP Part No
RO-0001A	Sediment Filter	10-8050
RO-0002A	Pre-Carbon Block	10-8055
RO-0004C	RO Membrane	10-8060
RO-0005A	Post Carbon Black	10-8065
CT-2090-C	13W UV Lamp	10-8075



Original RO Membrane
 WLCP PN 10-8060 (Factory PN RO-0004C)
 One Piece 100 Gpd (378.5 Lpd) RO Membrane

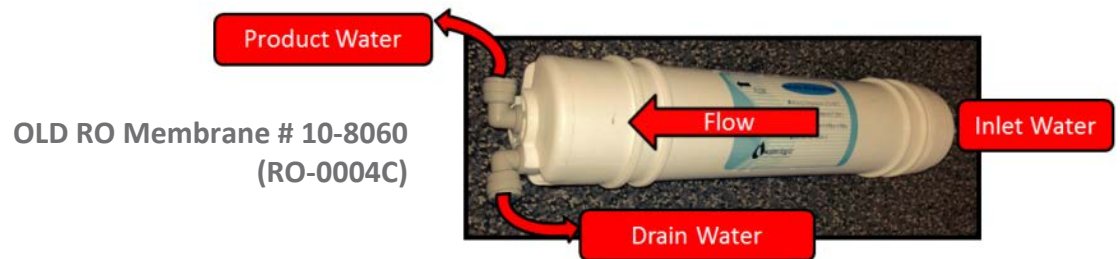
NEW RO Membrane Kit – P/N 10-8061

Kit 10-8061 consists of:

Quantity	WLCP Part No	Description
1 each	15-3001 (R-RO)	Dow Film Tec 50 Gpd RO Membrane
1 each	15-3020 (R-P001)	Ro Membrane Housing (2 piece)
3 each	JG 480821S	¼" Tube * 1/8" NPT Rigid Elbows
1 each		RO Membrane Instructions

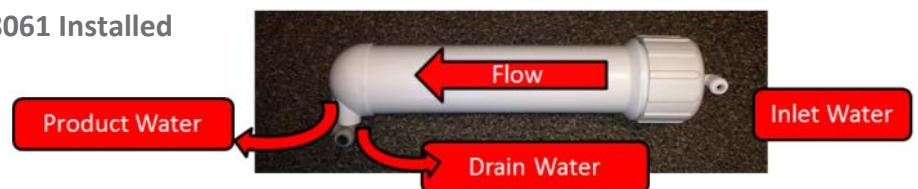


Replacement Membrane Kit
 WLCP Part Number 10-8061
 One Piece 100 Gpd RO Membrane



NEW RO Membrane Kit # 10-8061 Installed

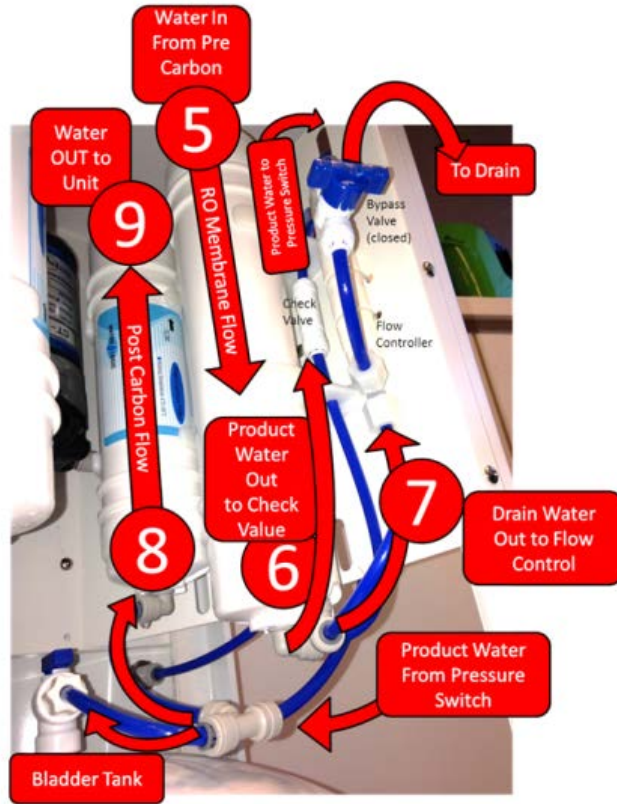
NEW RO Housing # 15-3020



NEW RO Membrane # 15-3001



OLD RO Membrane # 10-8060 Installed



NEW RO Membrane # 10-8061 Installed

