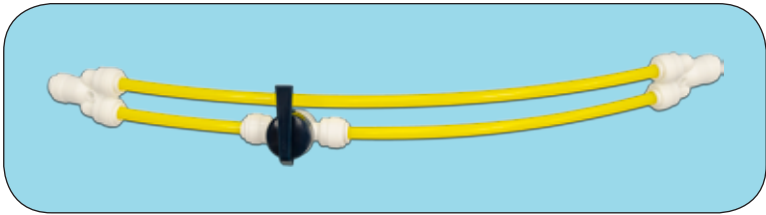


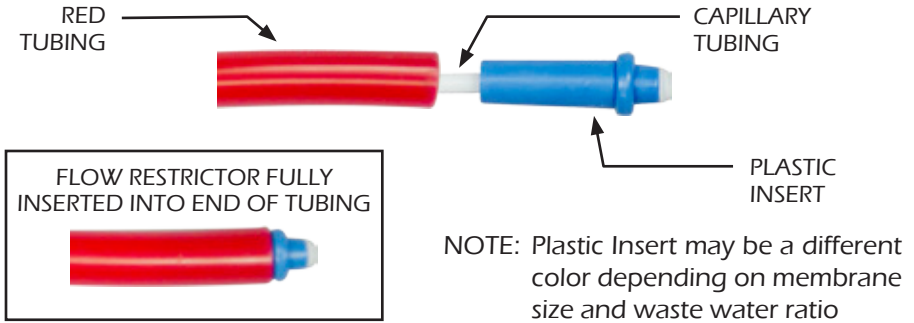


## Flush Valve Kit

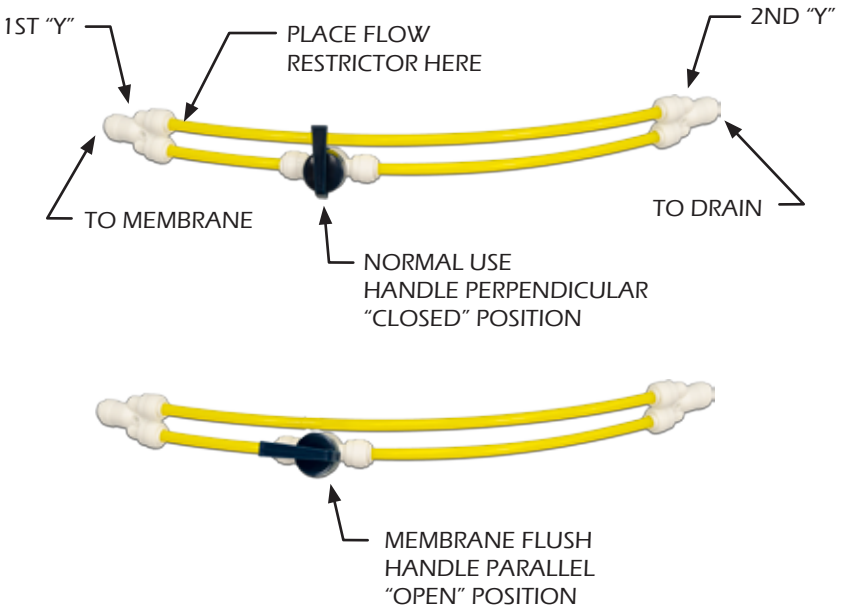


## INSTALLATION AND OPERATING MANUAL

**Fig. 1: Flow Restrictor Assembly**



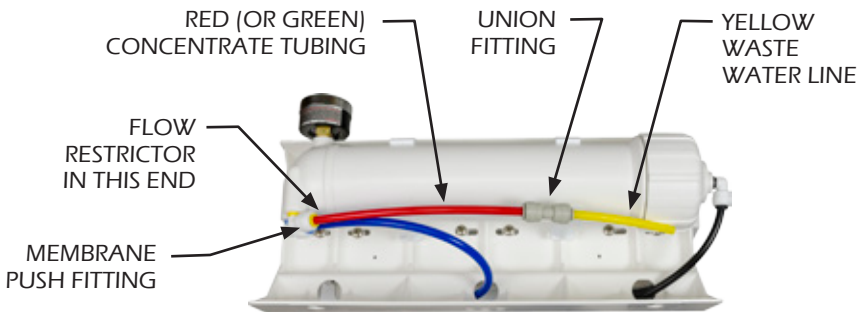
**Fig. 2: Flush Valve Assembly**



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## Installation

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1. Locate the red (or green) concentrate tubing connected to the RO membrane housing.

NOTE: Older models may not have the red or green tubing and union fitting. The flow restrictor will be located in the end of the yellow waste line nearest the membrane. The procedure is the same.

2. Remove the tubing from its push fitting at the membrane as follows:
  - a.) Firmly depress and hold the push fitting collar down with your thumbnail.
  - b.) While the push fitting collar is depressed, pull the tubing straight out of the push fitting. Once the tubing is removed, release the collar.

3. Carefully remove the flow restrictor assembly, now visible as a plastic insert in the end of the red tubing (Fig. 1). You may use a pair of nippers to help pry the flow restrictor insert from the end of the tubing. Be careful not to damage the flow restrictor. The entire flow restrictor (consisting of the insert plug and thin capillary tubing) may then be extracted.

NOTE: Take care not to crush or otherwise damage the delicate capillary tubing.



(Continued on Next Page)

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## **Installation (continued)**

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4. Locate the Flush Valve Assembly (Fig. 2). Insert the flow restrictor (clear capillary tubing first) Push the plastic insert fully into the tube.
5. Disconnect the yellow waste water line from the red (or green) tubing and the union fitting.
6. Using a sharp razor blade or X-Acto knife, cut a piece of yellow tubing approximately 2" long and insert it into the push fitting on the membrane housing.
7. Connect the flush valve assembly to this piece of yellow tubing. Make sure that the end with the flow restrictor is closest to the membrane.
8. Connect the yellow waste water line to the other end of the flush valve assembly and run it to a drain.
9. The system is now ready for use.

## **OPERATING INSTRUCTIONS**

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1. Be sure valve is in the CLOSED position (handle perpendicular to the yellow tubing. See Figure 2 on page 2.).
2. Operate system as normal.
3. Once the desired water has been produced, OPEN the flush valve for 30 seconds; this will flush out any harmful impurities and residues from the RO or RO/DI System and enhance the membrane life.
4. Turn valve back to the CLOSED position. The system is now ready for storage or future operation.

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