



Fountainheadwatersystems.com

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**6 STAGE RO DI SYSTEM**

## INSTRUCTIONS:

Remove the wrapper, and place the sediment filter in a housing, and screw on to the manifold in the first position after the "IN" line. The second housing should have the GAC filter, this should be installed with the gasket facing the manifold. The third housing should have the carbon block filter. Ensure that you do not cross thread the housings into the manifold. Tighten with the housing wrench if needed to prevent leaks.

Insert the white tubing from the Reverse Osmosis unit into the "In" of the 2 stage DI unit. The output line is yellow. Place the DI filters into the housings, with the gasket towards the manifold.

The manual flush valve is shipped in the "Flush" position, ie. The handle of the inline ball valve is inline with the tubing. The manual flush is installed on the black drain line. Please allow the system to flush for at least half an hour to get rid of fines, as well as the preservative on the membrane. After that, turn the handle into the service position, ie. The handle is perpendicular to the tubing. You should also flush the membrane for 15 minutes after every 300 gallons to prevent TDS creep.

While the system is flushing, tighten the elbows if there is a leak. The elbows are all screwed in elbows wrapped in Teflon tape. **DO NOT OVERTIGHTEN!** Sometimes, the



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leak is from the quick connect. Please see the video on how quick connect works. Remove the tubing, and reinsert till it catches.

The yellow line is your product water. You could use this with a float valve or a ball valve. Once those valves are closed, the system will automatically shut off.

#### ATTACHING THE DRAIN VALVE.

The purpose of the drain saddle is to provide a drain connection for the RO unit. Water can then flow from the unit's drain line, into the metal or plastic drainpipe under the sink.

To install:

1. First, choose a place to install the drain saddle, above the J or P trap in the drainpipe. It can be installed on either a horizontal or vertical pipe, although a horizontal pipe is better because it assures noise-free performance.
2. When you've selected the spot, drill a 1/4" or slightly smaller hole in the drainpipe. On horizontal pipes, drill into the top half of the pipe.
3. Next, attach the saddle around the pipe with the bolts provided so that water can flow through the fitting into the hole you've drilled.

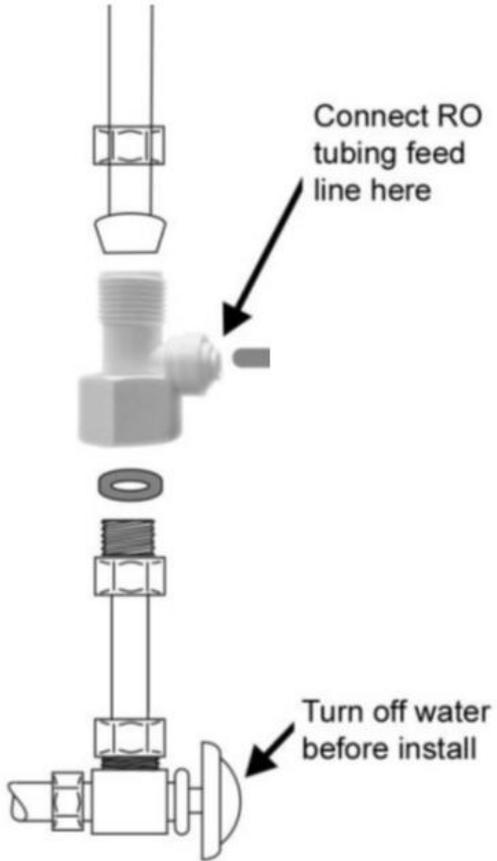
**Our saddle valve have a built in quick connect. However, we sometimes use this model instead. The installation method remains the same.**





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Feed Water Valve Installation