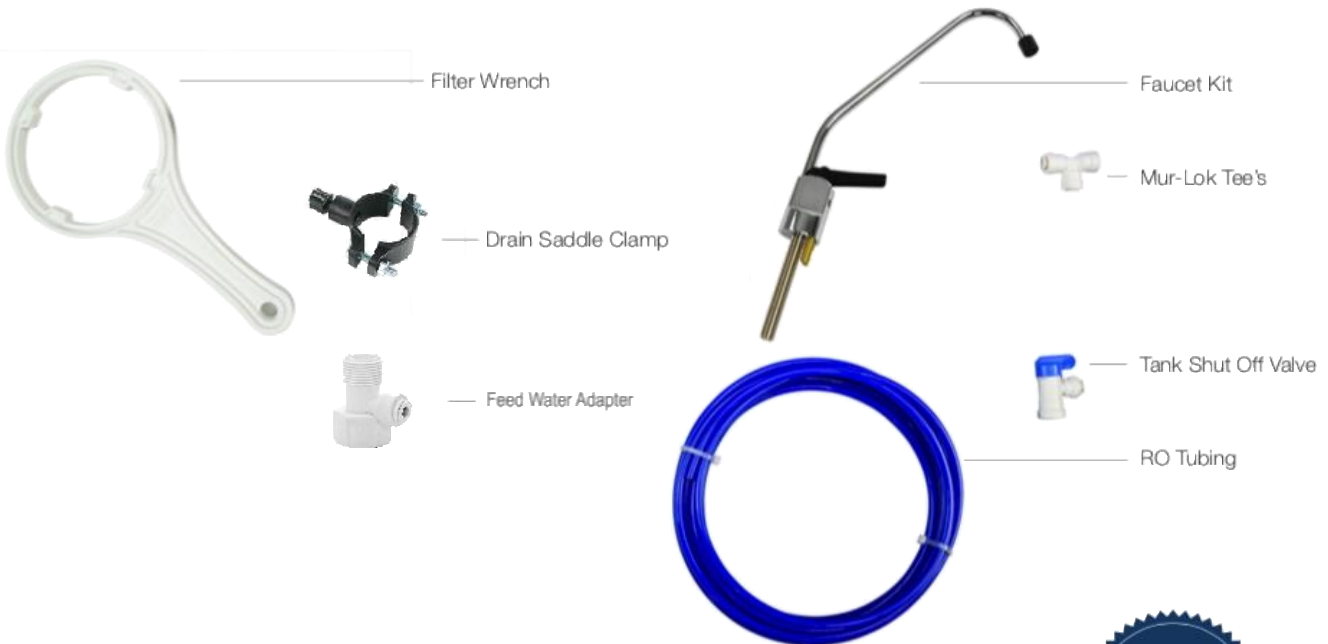


# 5 STAGE DRINKING RO SYSTEM INSTRUCTIONS

## System Features



## Parts Kit



PLEASE NOTE: NOT ALL OF OUR RO SYSTEMS HAVE ALL OF THESE PARTS INCLUDED.



## Set-up & Maintenance:

**1** Turn the water supply to the connection point off.

**2** Choose your connector/adaptor from the below and install.

### Feed Water Adapter SEMI-PERMANENT

- Under-sink, out of the way connection.
- Fitting only works on flexible water line.
- Installs inline between water shut off valve and flexible tubing to faucet.
- Compatible with 1/4" thread size (*other sizes sold separately*)
- Removeable.



**3** *Optional* - Install Drain Saddle Clamp

Drain saddle clamps are installed on standard PVC 1 1/2" OD drain pipe, above the trap and as close to the sink drain as possible. Do not install the clamp close to disposal outlets or clogging may occur.

For this installation you will need a magic marker, adjustable wrench and a drill with a 3/8" drill bit.

1. Separate the drain clamp and use the clamp half with the push connect fitting as a guide to find a suitable location for the clamp. The location should be at least a few inches above the trap and as close to the sink drain as possible. Place a mark where the hole will be drilled.
2. At this mark, drill a 3/8" hole through **one** side of the pipe and clear away burrs.
3. Peel the backing from the gasket in the parts bag. Position the gasket centered around the freshly drilled hole.
4. Position both halves of clamp on the pipe. Be sure to line up the drain clamp hole with the hole in the pipe. Secure with included bolts and nuts.



**4** Install your Faucet.

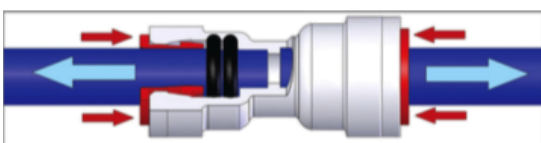
The Faucet requires a 7/8" hole in your counter top or sink bowl. If your sink has a sprayer it is possible that you may be able to remove it and mount the faucet in the same hole. If you need to drill a hole make sure to check for any obstructions underneath the sink and to use the proper tools for the material you are drilling. Consult the instructions for the Faucet on the faucet box for specific instructions about installing the faucet and connecting the product water line (**blue** line). Most likely, you will receive a non-air gap faucet.

**5** Install your Storage Tank

Decide where you would like to place the pressurized storage tank, preferably in close proximity to the faucet. This install has two steps:

#### Step 1:

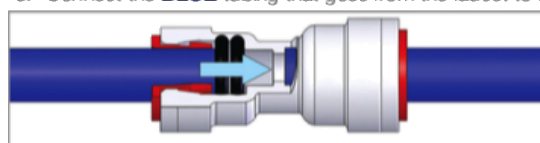
1. Locate the **BLUE** line coming from the main RO unit.
2. Cut tube and insert TEE union into the newly cut ends.



Remove tube by holding the round retention ring tightly against the fitting and pull the tube.

#### Step 2:

1. Screw the RO tank valve onto the top of the pressurized storage tank.
2. Using a small piece of tubing, connect the RO tank valve to a TEE.
3. Connect the **BLUE** tubing that goes from the faucet to the same TEE.

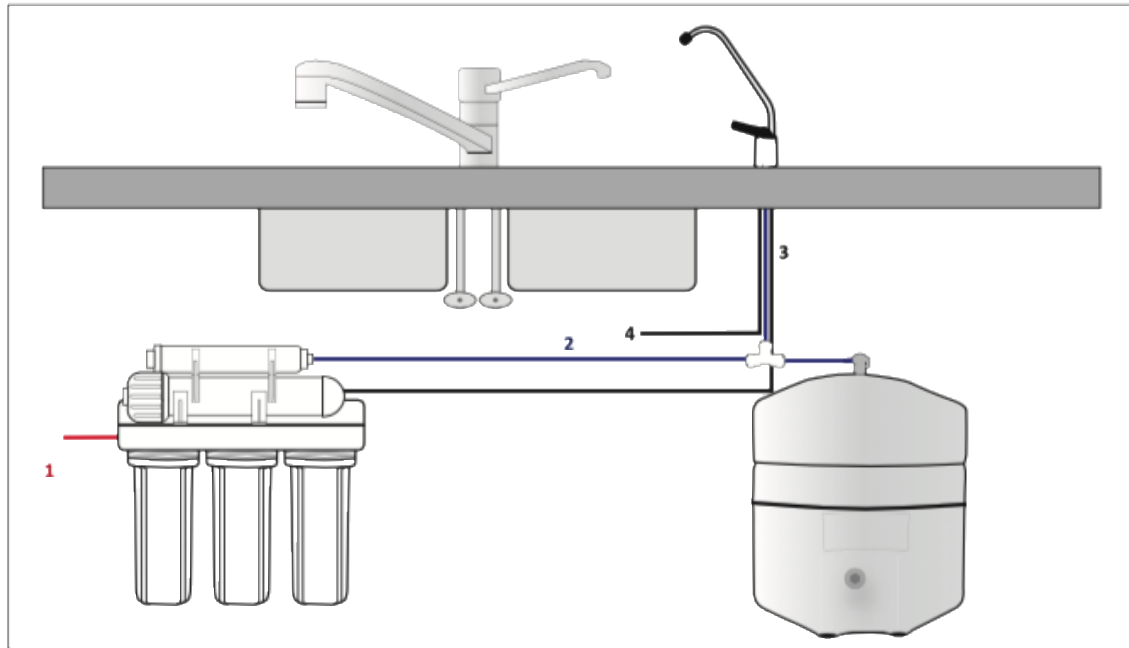


Push connect fittings are connected by firmly pushing one end of the tube into the fitting.

## 6 Install your RO System.

**RED** Tubing - intake from home water line    **BLACK** Tubing - waste water    **BLUE** Tubing - output of purified water suitable for use in your reef tank.

1. Attach the water source to the **RED** line of the RO system using the installed connector/adaptor.
2. Direct the **BLUE** line from the Inline Carbon to Mur-lok Tee and then to the Storage Tank and Faucet.
3. Guide the **BLACK** line from the RO unit to the drain.



## 7 Prime your RO system.

The RO unit must be run for one hour before using product water. Ensure that all fittings and hoses are correctly hooked up. *This process should be repeated when carbon blocks or membranes are replaced.*

1. Turn on the household water supply.
2. Allow the system to run for one hour to flush fine particles from the carbon block(s) and preservatives from the RO membrane. *(This is a good time to check all fittings and connections for leaks).*
3. Discard any water produced during the initial period (first hour).
4. Your system is now ready for use.