

The WaterRx Plant



Features/Benefits

- ✓ Great water throughout the home or office
- ✓ Automatic weekly backwash
- ✓ Simple media recharge each year
- ✓ Direct drop ship to customer via UPS
- ✓ Easily tailored to meet specific problems
- ✓ Compact for quick and easy installation
- ✓ Connects after water meter on the main line
- ✓ Filters all hot and cold water in the home or office
- ✓ Water cost is less than pennies per gallon!

Applications

(for municipal water usage)

WH 1: Condo/home/office up to 2,000 square feet.
(not recommended for well water)

WH 5: 2,000 to 4,000 square feet.

WH 10: Over 4,000 square feet.

Inlet/Outlet: 3/4"

Adaptable to larger size

110 Voltage

WH 1: 10GPM

WH 5: 15 GPM

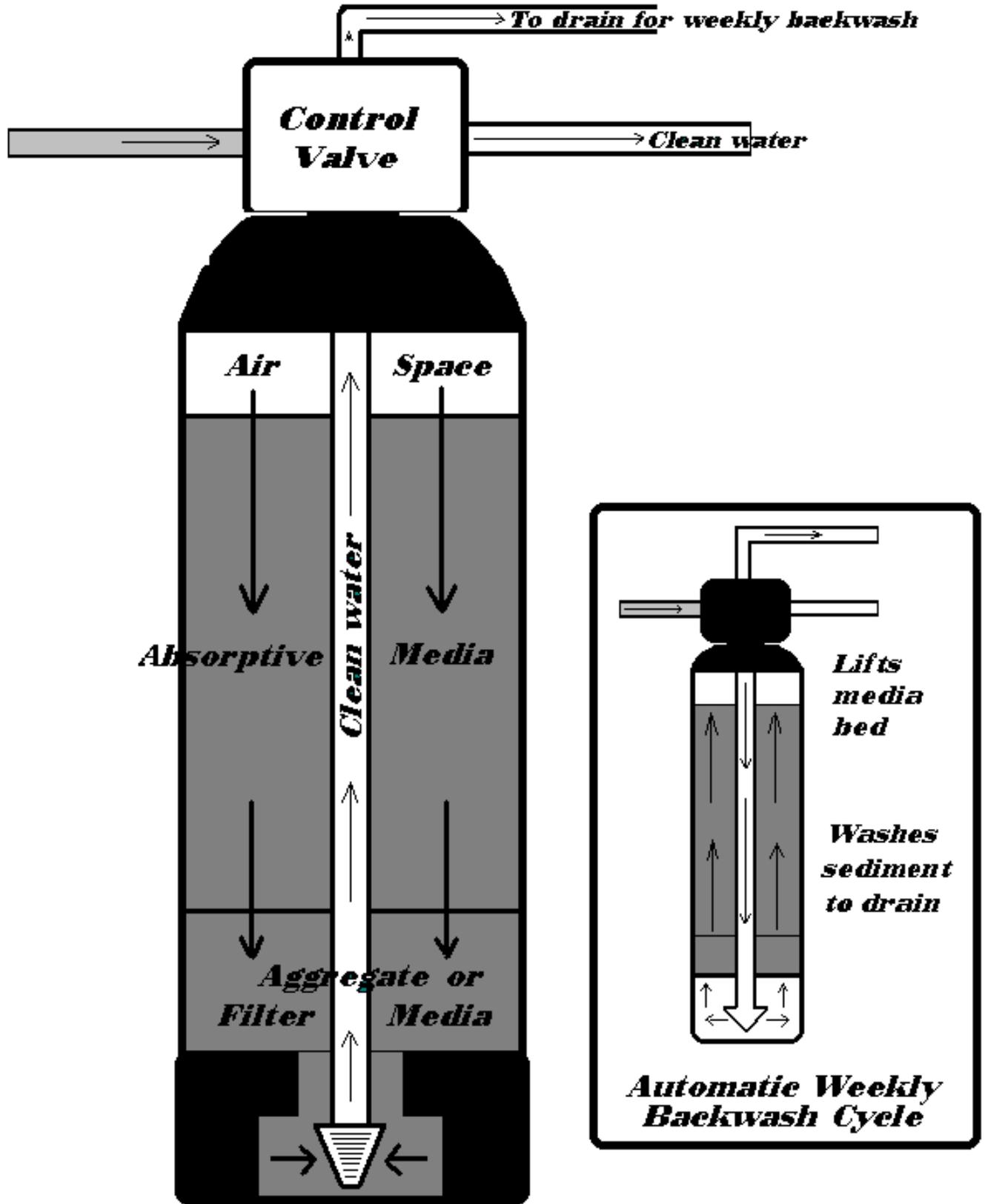
WH 10: 20GPM

WH1: Height 64"
Diameter 10"
Weight 80 lbs.

WH5: Height 64"
Diameter 13"
Weight 140 lbs.

WH10: Height 73"
Diameter 14"
Weight 280 lbs.

How the WaterRx Plant Works



WaterRx Plant Installation Instructions

Location of the WaterRx Plant

- 1. On municipal water systems, the WaterRx Plant should be installed after the water meter and before the water heater.**
- 2. On well water systems, the WaterRx Plant should be located after the pressure tank and before the water heater.**
- 3. Softeners should be installed AFTER the WaterRx Plant if used.**
- 4. The WaterRx Plant should be located as close to a drain as possible.**
- 5. Allow 10' minimum distance between the WaterRx Plant and the water heater. If this is not possible, install a check valve in the water supply to prevent hot water back up in the WaterRx Plant.**

Water Pressure

To insure the proper operation of you WaterRx Plant, minimum pressure of 20 psi is necessary.

Plumbing Connections

- 1. All local plumbing codes should be followed.**
- 2. Shut off the water supply line and relieve all pressure and water from piping.**
- 3. It is recommended that a 3-way bypass valve be installed.**
- 4. Position the WaterRx Plant in installation and measure and modify the piping as required.**

Do not apply heat to any fittings connected to the control valve. Use Teflon tape as a sealer on threaded connections.

- 5. Service connections on the control valve are marked “in” and “out” accordingly. The service connections should be ¾” minimum.**

Loading Media

- 1. Remove control valve by rotating counter clockwise.**
- 2. Cover hole in top of the center tube with tape or a cork to prevent media from entering. Place funnel provided over the opening.**

- 3. Carefully pour first the filter aggregate and then the carbon into the tank while insuring that the tube remains firmly in the center of the bottom of the tank.**
- 4. When all the media has been placed in the tank, remove the tape or cork and carefully place the opening in the control valve over the top of the tube and then thread the control valve into that tank.**

Pressure Test

- 1. Reconnect inlet/outlet fittings on control valve.**
- 2. After the WaterRx Plant is installed, purge the system; open the main water supply to refill piping and WaterRx Plant. Open faucets on both the hot and cold water lines to purge all air from water systems.**
- 3. Leave faucets open for 10 minutes to flush system. Close faucets and check for any leaks in the connections.**

Caution – Do not attempt to reheat soldered connections with the WaterRx Plant connected!

Electrical Connections

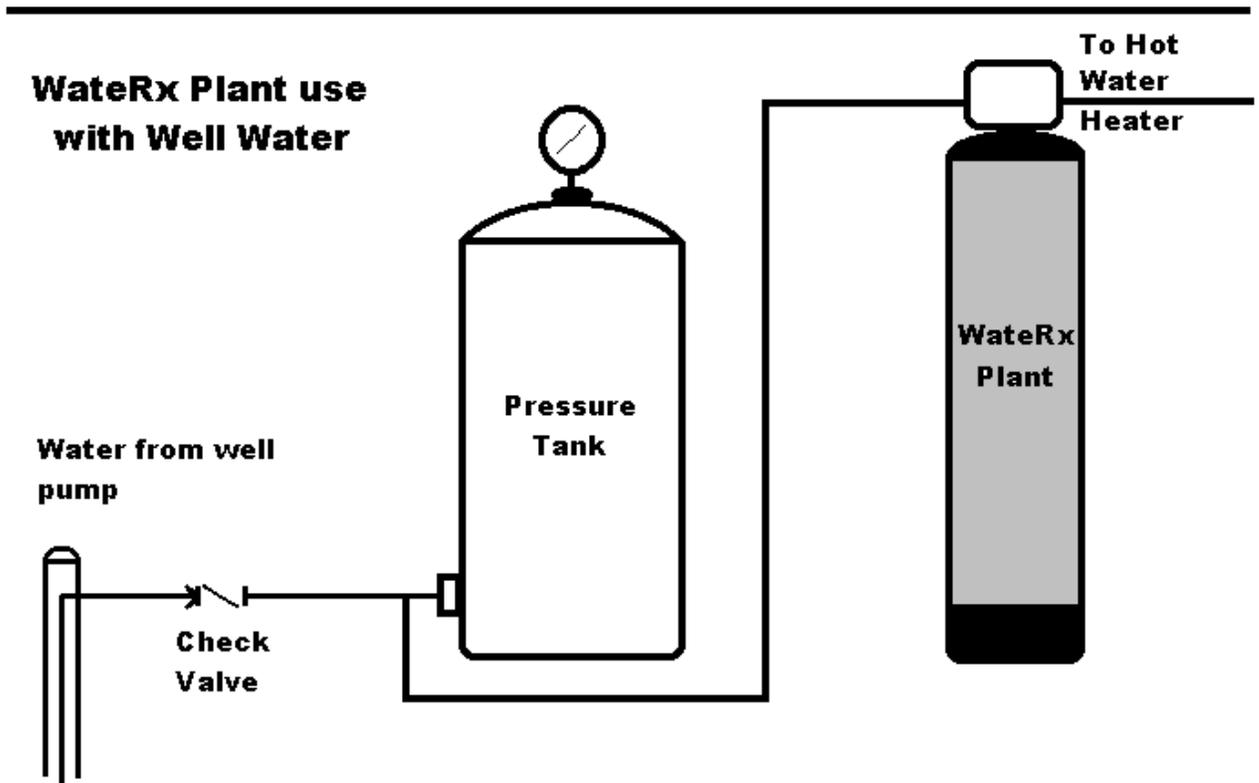
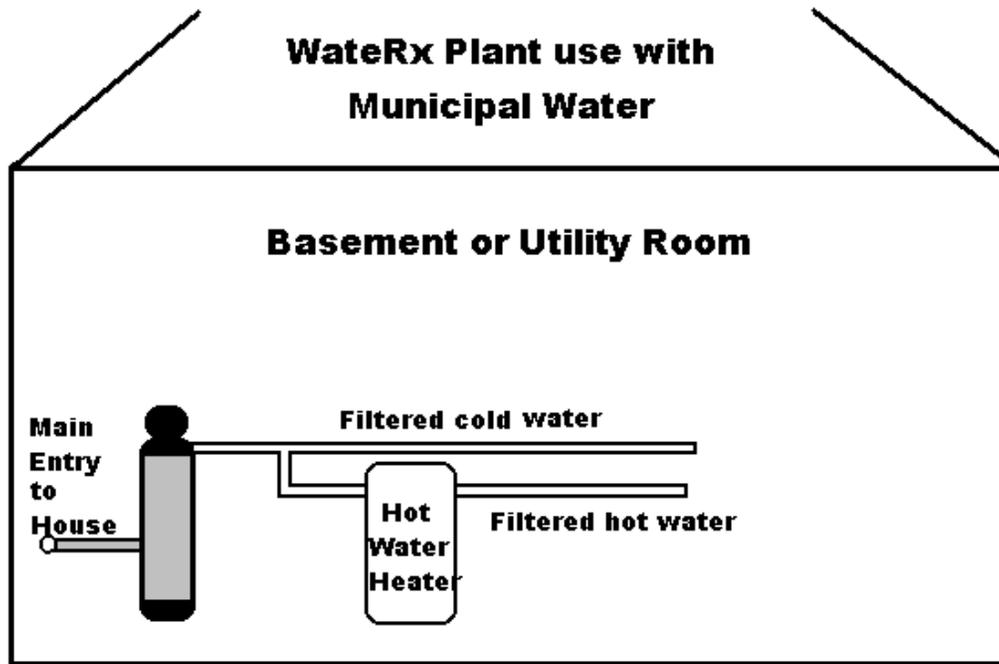
- 1. All electrical codes should be followed.**
- 2. Install ground jumper between water inlet and outlet water pipes of WaterRx Plant to insure that electrical ground continuity in household water system is maintained.**
- 3. Electronic control valve system must be properly wired (polarized) with a positive ground; therefore, use a 3-prong plug electrical outlet to provide the positive ground to the control.**

Do not use a 2-wire extension cord or a 3-prong plug adaptor without proper grounding!

Setting the time of Day

- 1. Set the time of day by depressing the arrow as needed.**
- 2. The control valve is preset to backwash at 833 gallons or about every seven days.**

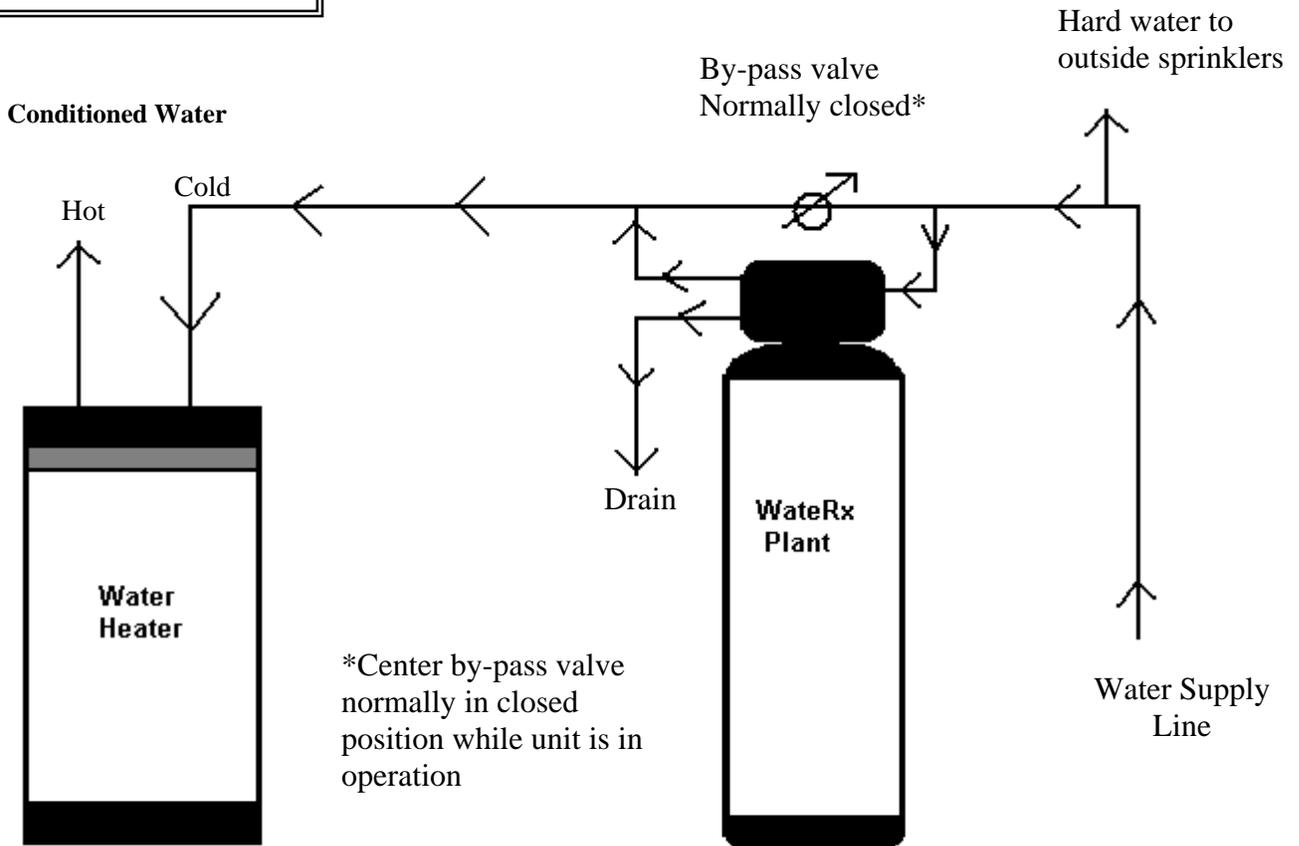
WaterRx Plant Setup Diagram



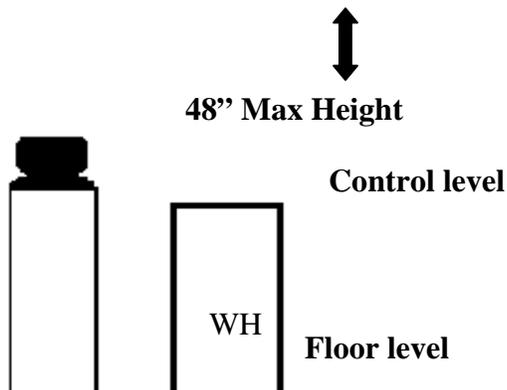
WaterRx Plant System

The WaterRx Plant will provide you with unlimited clean, clear, good-tasting water throughout your house by greatly reducing sediment, rust particles, and turbidity, as well as chlorine, organic chemicals, THM's, off-tastes, and odors.

Filter Installation



Drain Line Specification



When discharged at end of drain, line is at:	<i>Drain line recommendations</i>
Floor level	Use any length of 1/2" pipe or larger.
Control level	1. For 30' or less of drain line use 1/2" or + pipe. 2. For 30' or more of drain line use 3/4" or + pipe.

Caution:

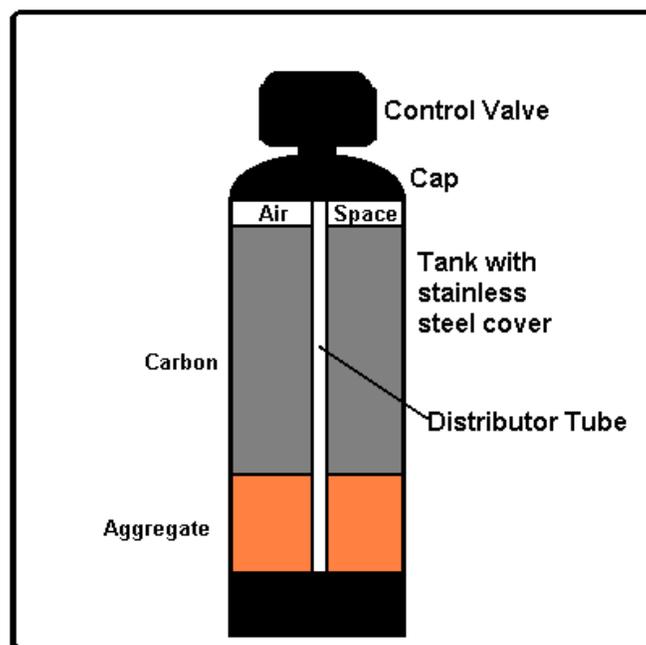
Never connect the drain line into a drain, sewer line, or drain tray without an air gap.

Replacing the Media in your WaterRx Plant

Because some carbon may have flushed out of your system during the backwash cycle, we recommend that you replace your media with a fresh supply that we refer to as your “recharge.” It is best to recharge your system according to the following changing schedules:

System	Well water	City water
WH1	9 months	12 months
WH5	18 months	24 months
WH10	30 months	36 months

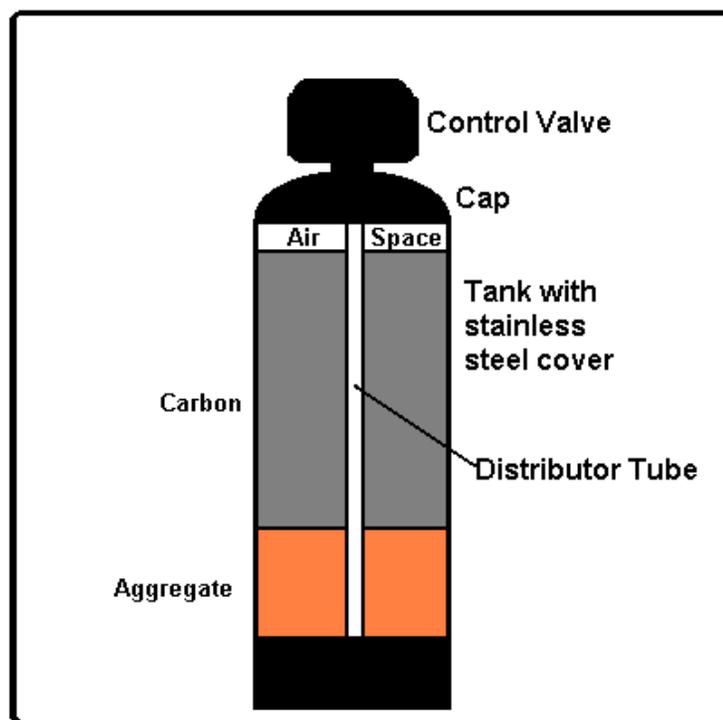
1. Shut off the water supply line and relieve the pressure from both the hot and cold water lines.
2. Unplug and carefully remove the control valve on top of the tank.
3. Place a cork or masking tape over the top of the distributor tube inside the tank so that no media is poured inside during the removal and filling process.
4. Remove the old media inside the tank with either a shop vac or siphon hose. (We now offer a mineral extractor for easy removal).
5. After removing the majority of the old media, carefully pour the fresh media into the tank. The aggregate media goes in the tank first, then the carbon. Please allow an air space at the top of the tank of at least SIX inches.
6. After all the media has been poured into the tank, uncover the distributor tube opening that has been covered by a cork or tape.
7. Follow the “Start Up” procedure at this point.
8. Make certain that you backwash the unit right after the start-up to flush out all carbon and keep it from entering the pipes in your home.



WaterRx Plant Start-Up Procedure

To place the WaterRx Plant in service after the installation is completed:

1. Insure that the center bypass valve is closed.
2. Open the water supply valve and check for leaks. Repair any leak immediately.
3. Purge all the air from the water system by opening all hot and cold-water faucets.
4. Drain the water heater. To insure the immediate availability of filtered hot water, first shut off the water heater and drain the hot water until the water being drained flows cold. After this, closed the drain and restart the water heater.
5. Place WaterRx Plant into regeneration cycle and inspect for proper operation. Refer to the “operation flow” diagrams for the explanation of each cycle.
6. After completion of steps 1 through 5, your WaterRx Plant will now be ready for the adjustment of the timer and use. Please refer to your valve manual for instructions on valve operation.



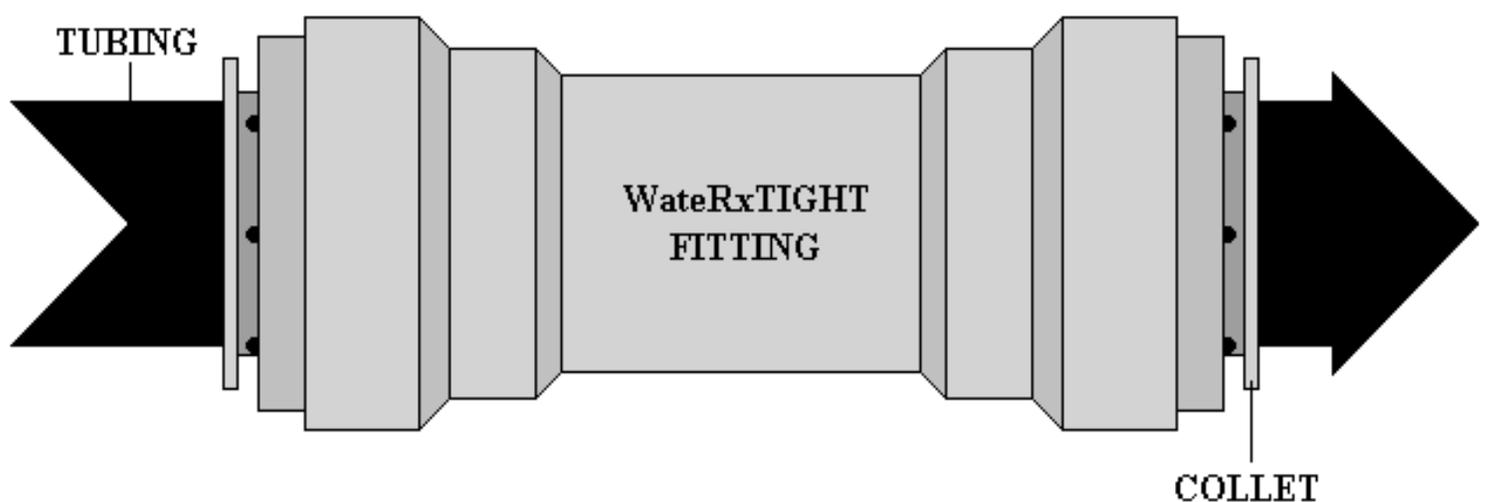
Inserting & Removing tubing from your WateRxtight Fitting

To remove the tubing from your WateRxtight fitting:

Push the collet in toward the fitting with one of your fingertips. With your other hand, pull out the tubing. By pushing the collet in toward the fitting, you are forcing it to release its grip on the tubing.

To insert the tubing into your WateRxtight Fitting:

Push your tubing into the fitting *as far as it will go*, then pull back. The tubing is now locked in place.



****Always use a socket wrench when removing or installing fittings****

