

Basic Water Softener Installation



Make a list of all the plumbing fittings you will need to completely install the unit to make it ready for operation. Typical is: • Eight - 90° elbows • The amount of pipe you need • 1/2" ID drain line, hose clamp and 90° elbows Start your Installation. The discharge drain can be flexible clear pvc tubing or solid 1/2" pvc pipe. You will need a 3/4" female connector x 1/2" id Barb or a 3/4" female pvc adapter x 1/2" reducer.

1. Turn off the main water shutoff valve.
2. Open all plumbing fixtures in the house including all outside faucets in order to drain the lines of all the water you can.
3. Cut and remove a 4" section of water line where the unit is to be installed if you have a typical straight in and out connection.

1)Now position your water softener unit in place for final water line installation, making sure the bypass valve is set in the "BYPASS" Position. 2) If using copper measure and cut the lengths of pipe you need to plumb the main hard water line into your softener unit inlet side. Then do the same for the soft water line that will exit from the softening unit, back out into the house, wrap copper connectors with a wet cloth up against plastic nuts to keep heat from transferring back to plastic nuts and bypass valve when soldering,

NOTE: The unit will be marked either on the back of the valve body itself with the word "IN" and "OUT" and/or on the top of the body of the bypass valve assembly with arrows showing the direction of water flow into and out of the valve. "Out: is the water that is now entering your house "soft" after it has passed through the water softener. BE VERY CAREFUL TO MAKE SURE YOU PLUMB THE SYSTEM IN THE RIGHT DIRECTION OTHERWISE YOU WILL LOOSE THE RESIN OUT OF THE TANK INTO YOUR HOUSE LINES!

Filling your softener with water and purging air from softener: Turn all faucets off inside the home. Turn the main water valve open Slowly. Next open the bypass valve on Clack WS valve and let the mineral tank fill with water. When water stops running go to a bathtub and turn only the cold water on. You will notice mostly trapped air at first until brown water starts to flow. Allow this until the water slowly begins to clear. Add five gallons of water to salt brine tank. Add three or four bags of extra course, pelt salt or potassium chloride to brine tank. The resin is already charged so initial regeneration is not required. Your water heater still has hard water in it. If you want to

experience the soft water immediately run your water heater out for 10 minutes. You are finished. Congratulations! Please fill free to email some pictures of you new installation and a letter, we will post it on our site for other customers to view. As always we appreciate your business!