



## VIRGO Water System Installation Guide For: VIRGO SCALE STOPPER

### Overview

- This guide provides step by step procedures for installing the VIRGO SCALE STOPPER Whole House Water Conditioning System. Please carefully read this guide prior to beginning the installation process.
- The VIRGO SCALE STOPPER System will arrive completely assembled.
- Once installed, the system will require no maintenance.
- This unit will require no power to operate.
- All steps provided herein are for typical installations only. Typical installation should take no more than two hours.
- VIRGO Water Systems can safely handle a water pressure range of 25-120 psi. For best operation, an operating range of 35-80 psi is recommended.

### Pre-Installation

- The VIRGO Unit should be located in a protected, dry, level and non-freezing area, such as a garage or laundry room. It can also be buried provided a minimum 6" clearance is maintained below the plumbing connections.
- Install the VIRGO downstream of any pressure regulators.
- Make a list of all the plumbing fittings you will need to completely install the system to make it ready for operation. Brass reducers may be necessary.
- Assemble all tools needed to install the system and start your installation.

### System Installation

1. Locate the following items provided in the VIRGO box:
  - The **plastic bag** containing the Brass Adapters and plastic fittings.
  - Each of the following items need to be put aside because you will not need them during installation but you will need to leave them with homeowner when installation is complete:
    - The VIRGO Warranty
    - The VIRGO Water Tips Brochure
2. Turn off the main water valve and drain water from the main line.

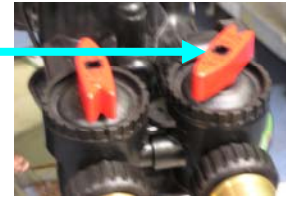
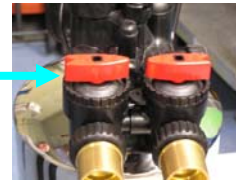


3. Cut and remove a section of the main incoming water line where the system will be installed. Verify this location will allow the system to treat all water (both hot and cold) entering the home. Drain this line thoroughly.
4. Solder adapters in place on inlet and outlet piping.
5. Once cooled; apply nut, split ring and o-ring. Do not over-tighten adapters!
6. After all soldering is finished, attach to the bypass assembly using the black plastic fittings.



### **Checking the System**

1. Keep the bypass valve in the "Bypass" position.
2. Make sure the water main is turned on.
3. Open the intake side of the bypass valve to allow the VIRGO tank to fill with water. This will take less than five minutes.
4. Gradually open the outlet side of the bypass valve halfway and check for leaks.
5. If everything is leak-free, completely open the outlet side of the bypass valve.
6. **Now, individually open each fixture in the house and run the water to ensure it is flowing clearly and with the appropriate pressure.**
7. **VIRGO SCALE STOPPER installation is now complete!**



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[www.virgowatersystems.com](http://www.virgowatersystems.com)**

