



WATER SOFTENING/  
CONDITIONING SYSTEM

CHLORAMINE REDUCTION SYSTEM

# INSTALLATION INSTRUCTIONS



# WATER SOFTENING/CONDITIONING SYSTEM INSTALLATION

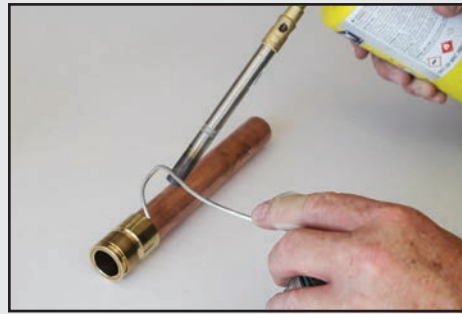
## Before you begin

Purearth2o Water Softening/Conditioning Systems are recommended to operate at a range of 45-65 PSI. Check your pressure regulator with a pressure gauge. If the pressure reading is above 65 PSI, replace the pressure regulator as needed.

The location of the Water Softening/Conditioning System should be level and located nearest the pressure regulator.

Before beginning the installation, turn off the main water supply valve and open a faucet to drain down the water in the pipes.

## Step 1



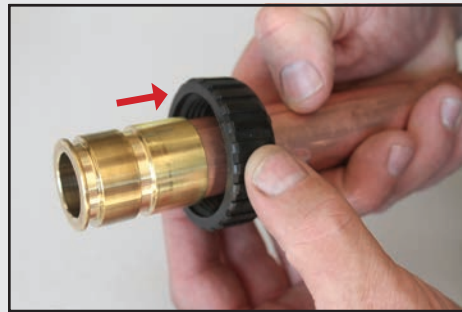
Solder the brass adapter to the copper pipe. Allow the fitting to cool.

## Step 3



Install the bypass valve onto the filter valve fitting and tighten nuts (hand tightened ONLY - DO NOT use tools)

## Step 2



After the fitting has cooled, slide the nut (black) on first, then the split ring (white), and finally the O-ring (black).

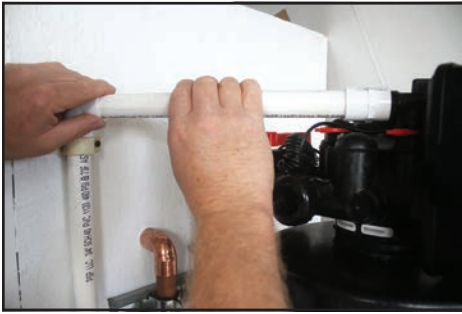
## Step 4



Cut and remove a section of the water supply lines where the system is going to be installed. Install the system after the pressure regulator. The location of the water conditioning system should be level and located nearest the pressure regulator.

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## Step 5



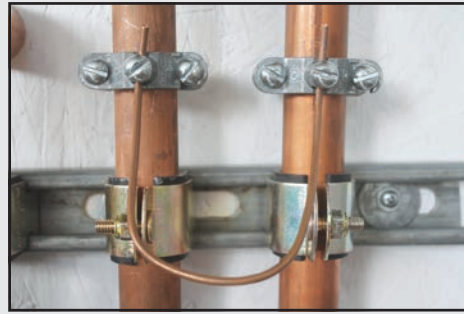
Follow all state and federal plumbing codes when installing the drain line. Install an "air gap" at the end of the drain line. Do not connect directly to a sewer line.

## Step 6



- a.) Connect the black 3/8" tubing to the brine tank (quick push-in connect fitting).
- b.) Connect the other end of the tubing to the softener valve again (quick push-in connect fitting).

## Step 7



Install a ground strap. (Not included.) When installing a Purearth2o Water Conditioning System, the ground wire may be interrupted and therefore you must install a ground continuity strap.

## Step 8



Turn on the inlet side of the bypass valve to service position. Do not turn on the outside of the bypass (should remain in bypass position.) Slowly fill the tank.

## Step 9



When the tank is full of water, press and hold the Regen Button for 4 to 5 seconds so the system goes into backwash mode for 10 minutes. It is recommended to backwash twice.

Open outlet side of bypass valve. Check the entire installation for leaks. Turn on the hot water recirculation pump and water heater, then run all faucets and valves to remove any air trapped in the water lines.

Press the Set Clock Button to reset the time of day (refer to the programming guide if needed.)

**Installation is now complete!**

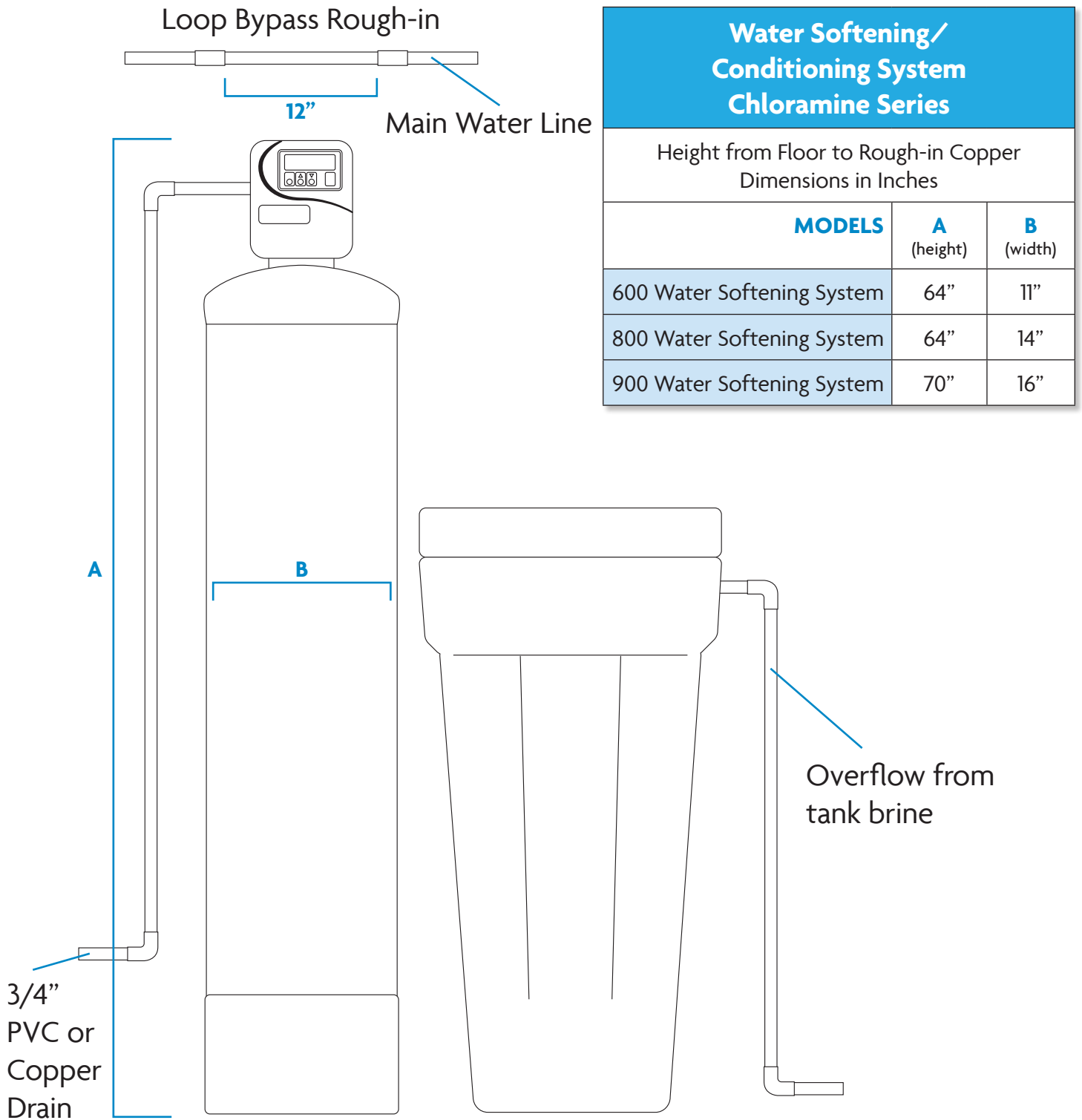
## Need Help?

If you have any questions about installation, please contact us.

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# WATER SOFTENING/CONDITIONING SYSTEM ROUGH-IN SPECIFICATIONS



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