System Loading and Startup Procedure

1. Set the media tank close to the location of the installation.

2. Set the distributor tube into the tank, tolerance is +/- ½" from the top of tank; if tube is cut to fit, de-burr top of tube so it has a tapered clean edge.

3. Put a plug in the distributer tube, or tape over the top opening, so media does not get inside the tube.

4. Fill the media tank 25% of the way with water to help break the fall of the gravel and protect your distributor system.

5. Fill with all of the included WTV7550 gravel under bed to cover the distributor. *Note: S0L40 and S0L30 don't have gravel, just resin.*

6. Fill the tank with the media provided for the tank size.

7. Now remove the plug or tape from the top of the distributer pipe.

8. Slowly fill the tank the rest of the way with water, using a hose down through the distributer pipe until tank is filled.

9. Lubricate the pilot O-ring and top of tank O-ring with silicone lubricant. *(DO NOT use any hydrocarbon-based lubricants as it will damage the valve.)*

10. Screw the control valve into the top of the tank until the valve base O-ring engages, plus a ¼ turn.

11. Prepare to plumb the system into the water supply following all local plumbing codes.

12. Plumb the drain with a maximum vertical of 2.5 meter horizontally 3.6 meter for maximum 6 meter drain run.

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13. When plumbing is complete, put unit into bypass, open the main water shutoff valve, go to the faucet closest to the system and run hot/cold water to drain and flush any debris and air from the pipes.

14. Plug the unit into power and hold the REGEN button on the control valve, to let the unit go to "backwash" position.

15. Unplug the power adapter.

16. Now open the inlet bypass (in applicable products) (Fig 1) very slowly to complete filling with water and purge any air slowly out. In case of a system with no inlet bypass, slowly fill the tank with Control Valve in "backwash" position, purging out the air in tank until water flows to drain.

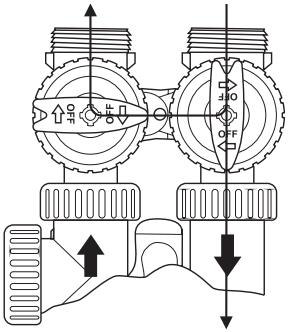

Fig 1

Note: This applies only to the 1-inch valves

17. When all air is eliminated, let the water run clear for 10 minutes. Plug the power adapter back in and let the regeneration finish.
Caution: During this step, monitor the backwash outlet for filter media. If large amounts of filter media is being washed to drain, double check the flow and ensure the drain flow controller is in/connected.

18. Once full regeneration is complete, open the outlet bypass valve to the house; it will be ready to be placed into service.

19. Push the set clock button to set the proper time of day.

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