



Clean Water Made Easy

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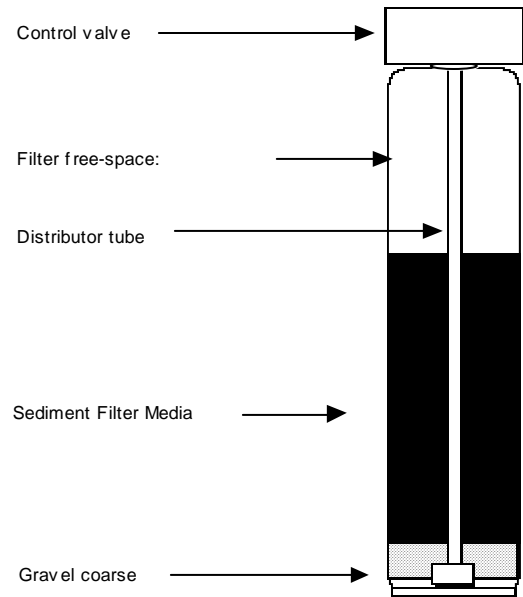
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## SEDIMENT FILTER 5600 MEDIA LOADING & START-UP INSTRUCTIONS

Note: A minimum of 20 PSI is required for operation. Maximum operating pressure is 90 psi. Prevent from freezing.

- 1 Unscrew by hand the entire control valve from top of tank if screwed on. Place distributor tube in tank. Make sure plug provided is in distributor tube to prevent media from entering distributor tube, or wrap top of distributor tube with tape.
- 2 Add base gravel first, using the funnel sent with the filter.
- 3 Next add filter media, should be approximately 2/3rds full.
- 4 Remove plug from distributor. Do not pull up distributor tube when removing plug.
- 5 Screw on control valve carefully, do not cross thread.
- 6 Install piping to local plumbing codes. Make sure inlet is installed to the 'In' on the bypass valve and outlet is on the Out side, and connect backwash line to drain.
- 7 Plug in control valve to a 115v outlet, Your backwash filter comes preset to backwash at 2:00 am if the timer is set to real time of day. Set timer so it reads the real time of day. Slide two pins outward on the skipper wheel (see page 2 for more information on setting the timer) to set the system to backwash once every six days (two pins sticking out).
- 8 Start a manual backwash. See page 2 for instructions on how to do this. Turn on water to filter and allow filter tank to slowly fill with water, removing air in the filter tank. Turn on water to full force.
- 9 Allow to go through full cycle automatically.
- 10 After backwashing is completed, open up hose bib, or bath tub faucet or other faucet such as a bathtub without an aerator screen in house and allow water to run for 5 to 10 minutes. If piping inside house is corroded, turning on and off the water may dislodge some loose mineral or material. Aerators on faucets may need to be cleaned later if some of the fixtures inside house start to run more slowly.
- 11 Pull out two pins so it backwashes every six days. If your water has a lot of sediment or iron in it, set to backwash every 3 - 4 days. If your water is very clean, clear water, and there are only 1 or 2 people in the house, you can set it backwash every 12 days.
11. Maintenance: check media level in a few years, but generally these filters require very little maintenance, and the filter media will last for 5 to 7 years or more. Rebuild control valve and replace piston and seals every few years to keep the system working well.



## Model 5600 Backwash Filter Installation and Start-up Procedures

**NOTE:** Install the water softener with the inlet, outlet and drain connections made according to manufacturer's recommendations and to meet applicable plumbing codes.

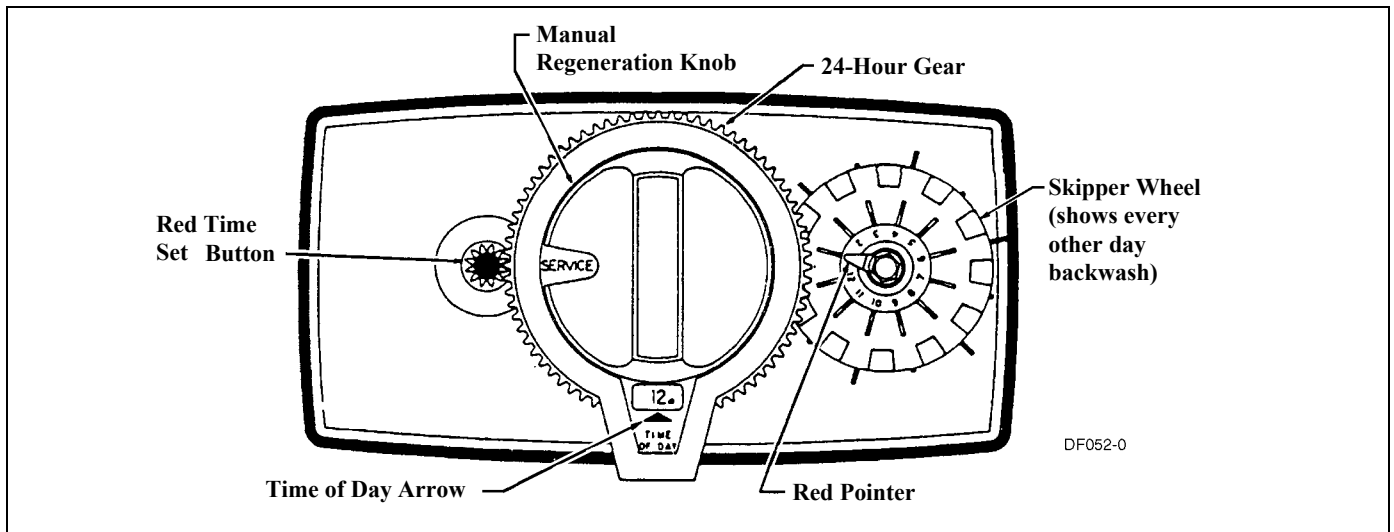


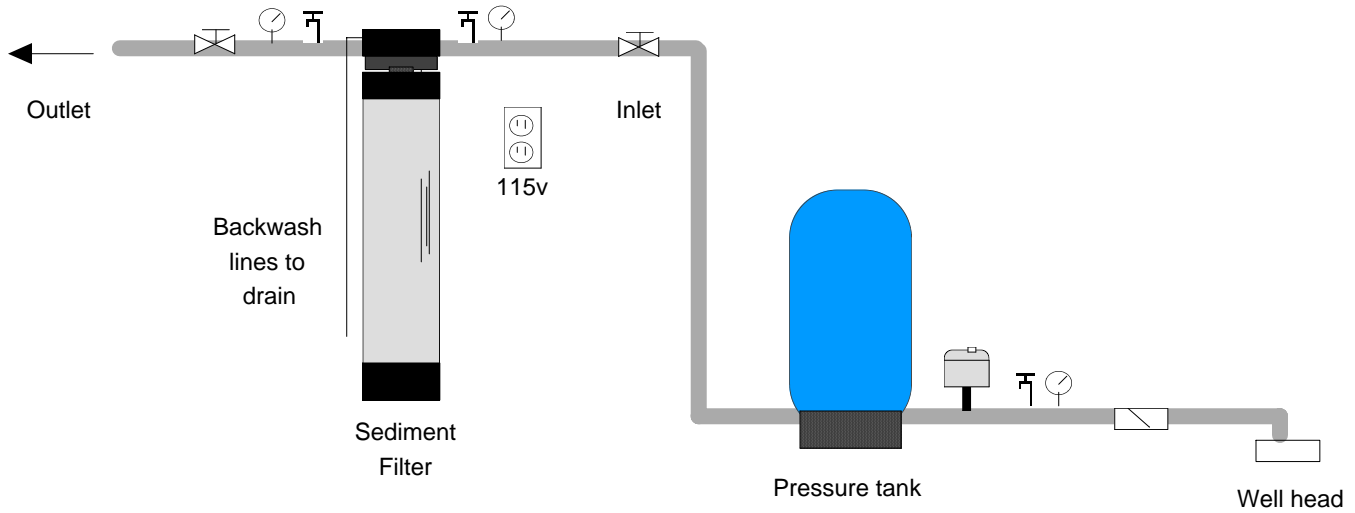
Figure 2: Model 5600 Backwash Filter Control

### Before Plugging in the Unit

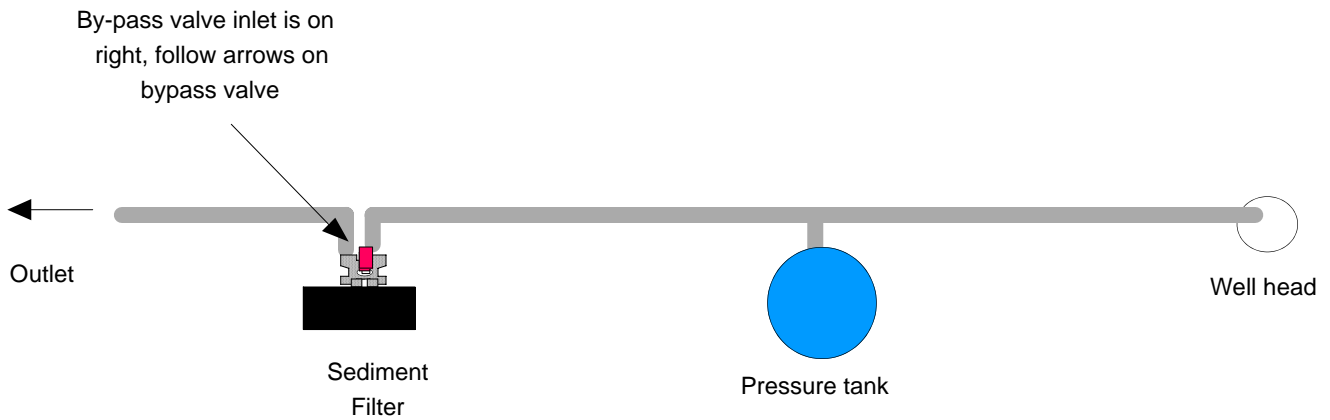
1. Open a treated water tap down stream of the filter.
2. Manually index the filter to the **In Service** position and allow the mineral tank to fill by slowly opening the main water supply valve. Any bypass should be in the **In Service** position.  
**NOTE:** The water flowing from the downstream tap is cloudy and/or contains media fines as well as air. Allow the water to run until it appears clean and free of air.
3. When a steady clean flow appears at the tap, close the tap and the main water supply valve and allow the filter media bed to settle for 15–20 minutes.
4. Manually index the filter to the **Backwash** position.
5. To prevent a sudden surge of water and air, partially open the main water supply valve so that the flow at the drain of the filter is approximately 1 gpm. The water at the drain is cloudy again and/or contains media fines as well as air. Allow water to flow at the drain until it appears clean and free of air.
6. Continue to open the water supply valve until it is completely open. Allow water to flow at the drain until all media fines are washed out of the filter.
7. Manually index the filter to the **In Service** position, and again open the downstream tap. Check to be sure that the water flows clear. If necessary, allow water to flow until all media fines are gone. If the tap is equipped with an aerator check that is not plugged with media fines and pipe scale.
8. Plug in the electrical cord and look in the sight hole on the back of the timer motor to ensure that it is running. Set the days backwashing is to occur by sliding tabs on the skipper wheel outward to expose trip fingers. Each tab is one day. Finger at red pointer is tonight. Moving clockwise from red pointer, extend or retract fingers to obtain the desired backwash schedule.
9. Set time of day by pushing red button and spin the 24-hour gear until the present time of day is visible above the time of day arrow.

# Auto Backwash Sediment Filter System





Flow Diagram Not to scale



## Plan View



### Key

-  Optional Gate or ball valve
-  Optional Pressure gauge
-  Optional Hose bib
-  Water piping

Notes: follow inlet and outlet arrows on filter for proper installation. Connect 1/2" flexible tubing from backwashing control valve to a drain with an air-gap similar to what a washing machine might require, such as 1 1/2" ABS with a p-trap and vent or to other type of drain. Follow all local plumbing and electrical codes.