



FLECK 5600 BIRM MEDIA LOADING & START-UP INSTRUCTIONS

1 Remove control valve from top of tank if installed. Place distributor tube in tank. If not already done, wrap top of distributor tube with electrical or duct tape or use plug or a cap to prevent media from entering tube during mediafilling.

2 Add base gravel.

3 Add all Birm media; tank should not be more than 2/3rds full.

4 Remove tape or plug from distributor. Do not pull up distributor tube when removing tape.

5 Fill tank with water before screwing on control valve.

6. Screw on control valve carefully, do not cross threads.

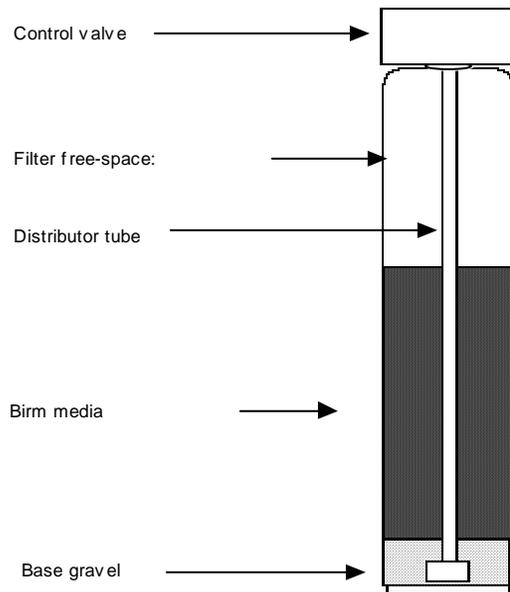
6 Follow piping and installation instructions making sure inlet is installed in the inlet arrow on the bypass valve and outlet is on the outlet arrow and connect backwash line to drain.

8 After allowing Birm media to soak for 30 minutes, open up hose bib, or laundry sink faucet (or any other faucet after filter system that does not have an aerator) and let water run until black color of water turns clear.

9 Plug control valve into 115v outlet, and turn center knob on timer a few degrees and initiate a manual backwash (see page 2 for instructions on how to initiate a manual backwash. Allow to run through a complete backwash and rinse cycle, about 30 minutes.

10 Set timer to real time of day by pushing in red button and turning timer gear on front of timer assembly until the actual time of day is set. If you set the control valve to real time of day, it will automatically backwash at 2am on the days that the pins on the skipper wheel are pushed out. (See Page 2)

11. Set the days of regeneration by pushing out the pins on the skipper wheel. To start with, have iron filter backwash every 4 to 6 days. If using a neutralizer filter or water softener, set the control valves to backwash on alternate days, or change the time on the control valve so they both don't backwash at the same time.



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.

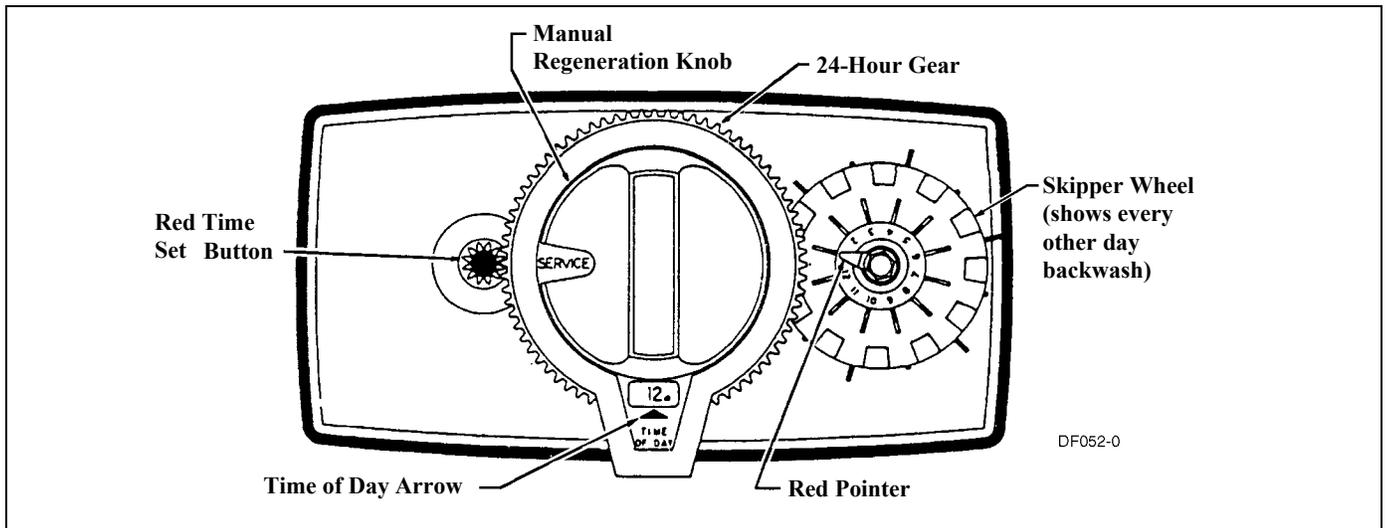
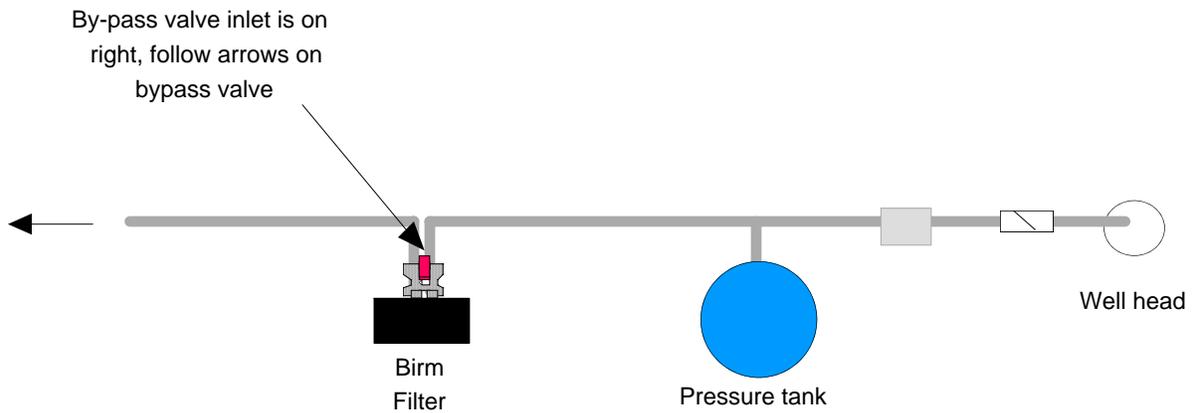
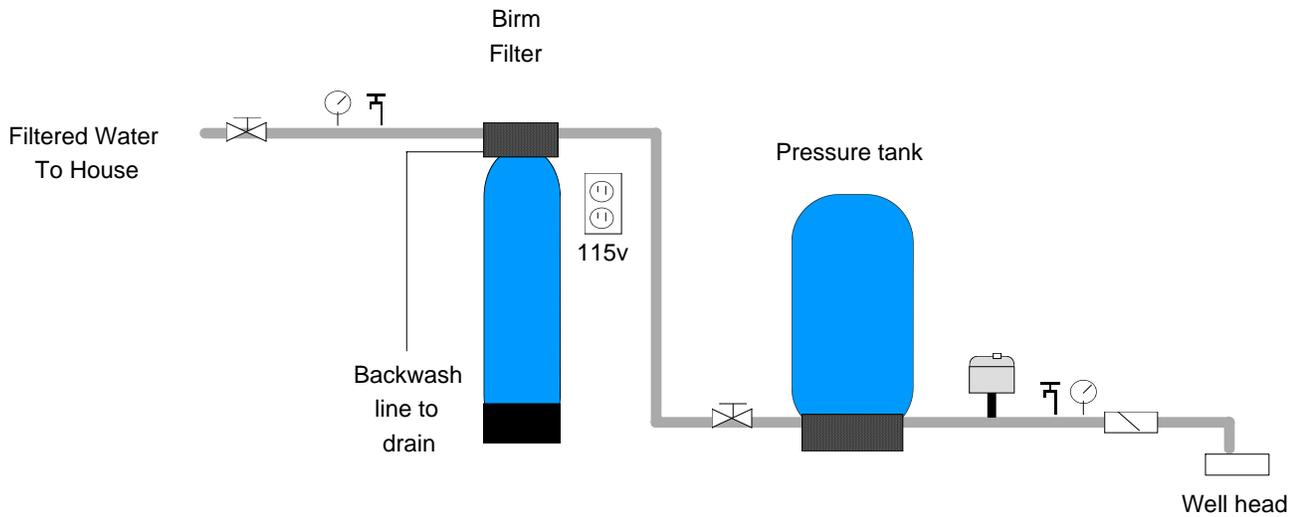


Figure 2: Model 5600 Backwash Filter Control

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.

Piping diagram for Birm filter on a well system with pressure tank



Key

-  Water piping
-  Check valve
-  Pressure gauge
-  Hose bib
-  Pressure switch
-  Gate or ball valve

Notes: follow inlet and outlet arrows on filter for proper installation. Install system using bypass valve (not shown). 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.

Follow all local plumbing and electrical codes.