



Clean Water Made Easy

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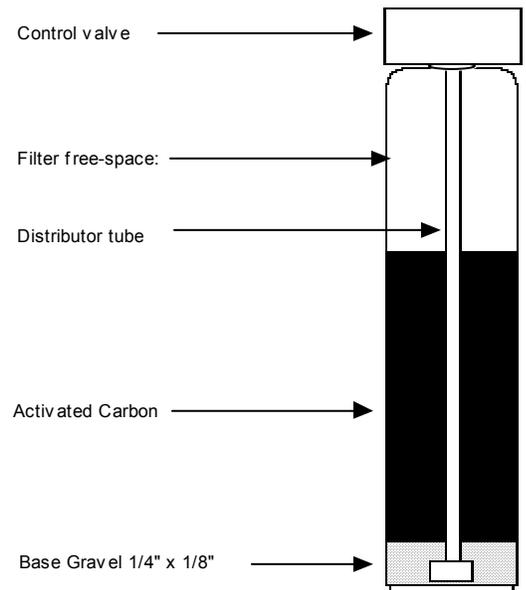
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## CARBON MEDIA LOADING & START-UP INSTRUCTIONS

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.
- 2 Add base gravel first, using the funnel sent with the carbon filter.
- 3 Next add carbon media (typically 2/3rd's 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. Read page 2 of these instructions before proceeding to Step 7 so you can see how the timer is set.
- 7 Plug in control valve to a 115v outlet, Your carbon 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. Wait 3 hours and initiate another backwash, or set the skipper wheel so it backwashes the same night as the installation. The activated carbon filter media needs to soak for 1 - 3 hours and be backwashed thoroughly to clear any carbon fines.
- 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.



# CARBON FILTER

## *Timer Setting and Initiating a Manual Backwash Procedure*

### **How To Set Days On Which Carbon Filter Is To Regenerate:**

Rotate the skipper wheel until the number "1" is at the red pointer. Set the days that regeneration 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 the red pointer, extend or retract fingers to obtain the desired regeneration schedule.

### **How To Set The Time Of Day:**

Press and hold the red button in to disengage the drive gear.

Turn the large gear until the actual time of day is at the time of day pointer.

Release the red button to again engage the drive gear.

### **How To Manually Backwash You Carbon Filter At Any Time:**

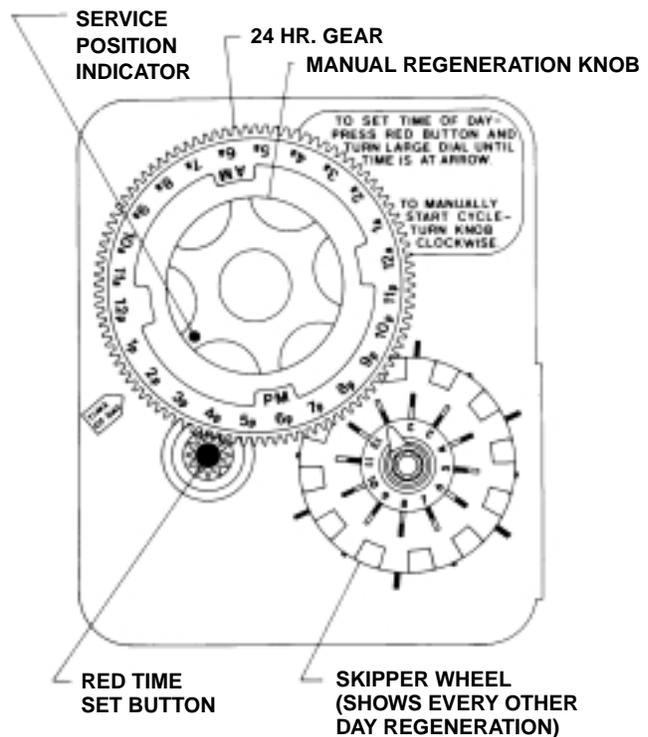
Turn the manual regeneration knob clockwise.

This slight movement of the manual regeneration knob engages the program wheel and starts the regeneration program.

The black center knob will make one revolution in the following approximately three hours and stop in the position shown in the drawing.

Even though it takes three hours for this center knob to complete one revolution, the regeneration cycle of your unit might be set only one half of this time.

In any event, filtered water may be drawn after rinse water stops flowing from the carbon drain line.





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## Don't Over-Tighten 2510 Control When Installing on Tank

Please Note: When installing Fleck 2510 backwash control-timer valve on to the top of the filter tank, please do not over-tighten.

Tighten with hands, there is no need for a pipe wrench or other wrench.

The control valve is sealed with the o-ring on the base of the control valve. Once you hand-tighten it so the o-ring has sealed against the top of the tank, continue to tighten for perhaps another 1/4 turn until tight.

If the control valve is over-tightened and leaks, the black Slip Ring (see control valve manual, it is #26, part 19197 in the exploded view of the control valve) will need to be replaced.

## What To Do If Your Tank Does Not Sit Level On the Floor

Your black filter tank base is not glued to the bottom of your tank. Occasionally the tank bases will become crooked during shipment.

If you find that that the tank is not level on the floor, you can easily adjust it by holding the empty tank and rapping it on a concrete or solid floor once or twice in order to level it.