



GREENSAND FILTER MEDIA CHANGE-OUT INSTRUCTIONS

- 1 To remove old greensand and gravel: put system on bypass or shut off water to filter. Turn control valve to put into a backwash to relieve pressure in filter tank. Disconnect control valve from bypass, and unscrew control valve from tank.
- 2 Media may be able to be sucked out with a wet-dry vacuum, but it's often easier to take filter tank outside, and lay down on a large tarp. Put garden hose in opening, and flush out old carbon media and gravel. Be careful when removing distributor tube not to damage distributor tube.
3. Rinse out tank thoroughly; add 2 cups bleach, fill with water and let stand for 10 minutes to sanitize tank.
4. Place distributor tube in tank. Wrap top of distributor tube with electrical tape to prevent media from entering tube during media filling.
- 2 Add base gravel.
- 3 Add new media. Do not fill more than 2/3rds full.
- 4 Remove black tape from distributor. Do not pull up distributor tube when removing tape.
- 5 Screw on control valve carefully, do not cross thread.
- 6 Plug in control valve in to a 115v outlet, and turn manual regeneration knob slowly clockwise until piston goes into a backwash.
- 8 Turn on water to filter, or turn bypass back to service position, and allow filter tank to slowly fill with water, removing all air.
- 9 Put into a backwash and allow to backwash for 20 minutes, at a slow rate, being careful not to rinse out greensand media to drain.
- 10 Plug back in control valve and allow to go through complete backwash and rinse cycles. Set timer to real time of day, and unit will automatically regenerate at 2am, on the nights where the skipper wheel pins are sticking out; normally set the system to backwash once every six days (two pins sticking out).
- 11 After regeneration is completed, open up hose bib after the iron filter, 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.
- 12 If the permanganate tank has not been serviced in the past year, clean out and discard old permanganate and pour citric acid in the tank to clean the tank. Replace the felt pad and clean or replace float assembly. It's better to clean the tank after the system has been running for one or two months, so as not to have to dispose of excess permanganate. Permanganate can be re-used in some cases if the tank is not too fouled with iron.

