



## Backwashing a DE Filter with a multi-port valve



1. Be sure you have a bag of DE handy.
2. Hook up the light blue backwash hose to the filter outlet that has no plumbing attached. The hose may already be attached. Extend hose to a place where you want discharge water to go.
3. Turn pump off.
4. There is a multiport valve just in front of the filter. (It is white, round and has 6 positions - filter, backwash, rinse, waste, recirculate and closed). Push down on multiport valve handle and turn to backwash position. Turn pump on and let it run for 30 seconds. Dirty water will come out of the backwash hose.
5. Turn pump off. Turn handle to rinse. Turn pump on and let run for 15 seconds.
6. Do steps 3-5 (backwash, then rinse) two to three times.
7. After the last rinse, turn pump off and move handle to filter position. Turn pump on.
8. Remove skimmer lid (on deck) and slowly add 6lbs of DE (or  $\frac{1}{4}$  of a new 25lb bag) into the skimmer hole. Use your hand to help dissolve the DE in the water. Since the pump is on, it will suck the DE/water back to the filter and coat the grids again. It is very important to always add DE to the filter after backwashing.

You'll know the filter needs to be backwashed whenever the filter pressure gauge rises about 10 points above where it typically sits when the pump is running.

It is typical to need to backwash more in the spring and fall (because of all the tree debris) and less in the summer.