



Backwashing a DE Filter with a push/pull 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. Place where you want discharge water to go.
4. Turn pump off.
5. Turn push pull valve handle counterclockwise (to free the pin underneath) and pull handle up.
6. Turn pump on and let it run for 30-40 seconds. Dirty water will come out of the backwash hose. Turn pump off.
7. Push down on handle (may need to put a little muscle into it) and turn clockwise till it locks in place. Turn pump on for 10-15 sec.
8. Turn pump off.
9. Turn push pull valve handle counterclockwise (to free the pin underneath) and pull handle up.
10. Turn pump on and let it run for 30-40 seconds. Dirty water will come out of the backwash hose. Turn pump off once the water runs clear (and the water level is where you want it – ideally half way up the skimmer opening).
11. Push down on handle (may need to put a little muscle into it) and turn clockwise till it locks in place.
12. Turn pump on.
13. 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.