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## EVERYTHING on "Hayward Perflex EC Filters"

Diatomaceous Earth (DE) filters are the best filters for both In-Ground & Above Ground Swimming Pools. They keep pools cleaner and clear pools faster than any sand or cartridge filter. The reason is because they filter out smaller particles than these other filters...they filter down particles as small as 2 microns, to be exact. We hear a lot of people say they "hate" DE filters, because "they're so much work." Well, respectfully, these people either don't know how to operate their DE filter properly (probably because they never were taught), are adding too much or too little DE, or they are not properly chemically cleaning their filter each year. If you follow the easy directions on this sheet and keep proper chemical balance in your pool water, we're sure you'll agree that DE is king! Good luck! And have a GREAT summer!

### **You must understand your filter before you can learn how to use it!**

- 1) Only add the correct amount of DE in your filter! Never add more or less than it requires!  
And when adding, DO NOT USE A COFFEE CAN!!! Only use our orange DE 1 lb. scoop!!!
- 2) Look for the label on your filter. It tells you both the model number and how much DE to add. If your label is gone or faded (very rare), measure how long one of your "fingers" are and call us (these are inside your filter.)
  - If your filter model is an EC-40 (for above ground pools), you add 4 lbs of DE -- or 4 orange scoops
  - If your filter model is an EC-50 (for above ground pools), you add 5 lbs of DE -- or 5 orange scoops
  
  - If your filter model is an EC-65 (for in-ground pools), you add 6 lbs of DE -- or 6 orange scoops
  - If your filter model is an EC-75 (for in-ground pools), you add 7 lbs of DE -- or 7 orange scoops
- 3) Never run your filter for long periods of time without DE and Run your filter everyday for 8 hours minimum.
- 4) Follow the directions on the back of this sheet to the word (and don't worry, the directions are easy!)
- 5) "Chemically" clean your filter's fingers once a year!!!!!!!!!!!!!!!!!!!!  
Take apart your filter at the end of the pool season and rinse off the fingers really good! Then at the beginning of the next season, do the following...

If your pool water is real dirty and green, open your pool and get the water clear first, then take apart your filter and "Chemically" clean it once the water is clear (it's ok to not have the filter running a couple of days while you're doing this.)

If your pool water is clear, take apart your filter and "Chemically" clean it before you open your pool.

We recommend chemically cleaning the fingers with us, at our store, but you can do it yourself, too. Just ask us how to do this when you're ready to clean the fingers and we'll get you straight! It's easy to do! But take a few more minutes and read this page on our site about having us clean the fingers...

<http://www.PoolCuesSpas.com/FilterCleaning.html>

**Now, Follow The Directions on The Back of This Sheet!**

## Adding & Flushing DE in a Hayward Perflex EC Filter

### Adding DE:

**Step 1: Open the air relief valve.** (Just twist it like you would to remove a bolt from something. Don't remove the valve, just loosen it.)

**Step 2: Turn on power to motor.**

**Step 3: Tightly close the air relief valve once a steady stream of water shoots out of it.** When this happens, you'll know all the air has been removed.

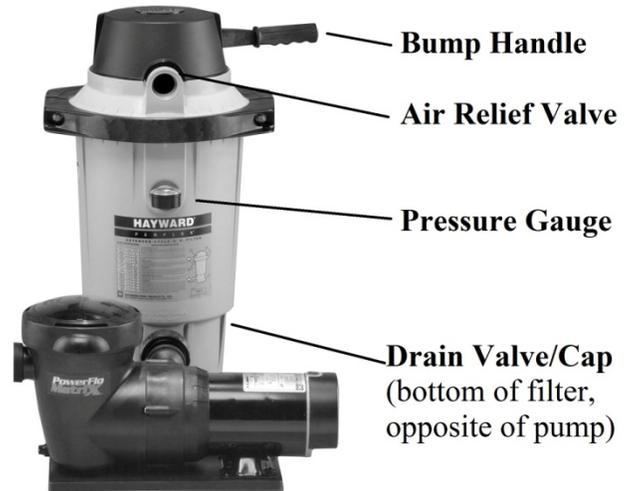
**Step 4: Slowly, into the skimmer, add your filter's recommended amount of DE.**

Add one scoop at a time. Keep track of how many scoops you have added so you don't mistakenly add too much or too little. Remember, DO NOT USE A COFFEE CAN!!! Only use your orange 1 lb DE scoop!

**Step 5: Have fun in your pool! And once a week, look at your pressure gauge to check your P.S.I.**

Your pressure gauge's ideal reading is between 8 - 12 P.S.I. and when you see that it's reading higher, you'll have to... 1) Shut off power to motor. 2) Bump your filter handle about 6 - 10 times, slowly and gently. 3) Wait 2 - 3 minutes and then turn the motor power back on.

If the P.S.I. does not go back down to the 8 - 12 P.S.I., you then know it's time to "flush" your DE! When water is clear, you'll typically only be doing this every 4 - 6 weeks. If you have lots of algae in the pool, you'll be doing this a lot more and have to check pressure gauge a lot more frequently, but...your pool will clear way faster with the DE!



**Flushing DE:** (Note: You should not need to take apart your filter during the pool season!!! Just follow all these directions!!!)

**Step A: Shut off power to motor.**

**Step B: Open air relief valve.**

**Step C: Open bottom drain valve/cap.** You'll have either a shut-off valve with "backwash hose" coming off it or a drain cap that you remove to insert your drain fitting and backwash hose into (contact us if you're new to this and we'll help you.)

**Step D: Bump filter handle, slowly and gently, for about two minutes.**

**Step E: Turn power back on motor for 10 seconds and then shut power back off.**

**Step F: Bump handle some more until no more DE flows out of drain (this usually takes another two minutes.)** You'll want to walk down to the end of the backwash hose. You'll know all the DE has been completely flushed out when you no longer see the white powder coming out with the water. (Again, if you're new to this, contact us for help.)

**Step G: Close bottom drain valve/cap.**

**Step H: Follow above steps # 2 - 5.**

**If you ever have any questions with your pool, please contact us! We're here for YOU!**