

POOL CONCEPTS POOL SCHOOL NOTES

Service Dept: (210) 695-5111 Ext:114

EQUIPMENT

There are two skimmers, two main drains, and dual suction from spa area (if applicable). It is very important to always have proper water level in pool or warranties on pumps will be voided. Small objects like leaves, flower petals, etc., will be caught by pump pot basket. Larger items such as insects, large leaves, etc., will be caught by skimmer baskets.

BACKWASH

After water flows through pool pump, it travels through the multiport valve into the D.E. filter, where it will get filtered out. Dirt will get caught on the grids inside the filter tank and remain there until system is backwashed. Normal pressure reading on gauge above filter tank should range between 10 p.s.i. to 20 p.s.i.. Backwash when p.s.i reaches **8-12** pounds over normal operating pressure, or every 2 months, whichever comes first. If the p.s.i reaches 25 or above, filter must be backwashed. Please follow these steps.

1. Connect blue backwash hose and extend it with no kinks.
2. Turn the pool pump OFF at time clock or (push Stop at pump of VS)
3. Turn multi-port valve (push valve handle down, then turn) to **BACKWASH**.
4. Turn the pool pump ON....
Let water flow for 30 sec. or until water appears clear in sight glass...
Turn pool pump OFF.
5. Turn multi-port valve handle to **RINSE**...
Turn pump ON.... Run for 15 seconds...
Turn the pump OFF.
6. Turn multi-port handle to **FILTER**...Run for 20 sec...
Turn pump OFF.
7. Repeat steps 3-6.
8. Repeat steps 3-6 again. (3 Cycles total)
9. Make sure multi-port valve handle is to **FILTER**.
10. Turn pool pump ON...
11. Recharge the filter with D.E Powder... (Use scoop supplied at pool school)

Note: ALL chems including stabilizer, phosphates, TDS, & hardness need to be checked professionally every 3 months.

Note: Filter must be disassembled, cleaned, and inspected after the 6th backwash or every year.

Note: A constant high chlorine level, high calcium hardness, unbalanced pH and Alkalinity will discolor and etch the plaster.

***** IMPORTANT:** Depending on the size of your filter, **add D.E.** into **one skimmer** as follows:

FNS+ 48 DE - Add 5 scoops of D.E. OR FNS+ 60 DE - Add 6 scoops of D.E.

LEGEND PLATINUM OPERATION

Main filter pump has to be running before you can operate the vac, or damage may occur that will not be covered under warranty. Water needs to run through pool return side in order for booster pump to work properly, hence the name booster pump. If pool return line system is closed (valve), pump will be damaged and warranties will be VOIDED.

CHEMICALS

*****DO NOT USE CALCIUM HYPOCHLORITE TO SHOCK YOUR POOL!!!!!!**

If you have a grey plaster, do not shock pool with calcium hypochlorite. When adding chemicals to your pool, never add them directly over steps or benches and always let the pool run for at least three hours to fully circulate the chemicals throughout the system.

* Adjust PH and alkalinity **DOWN:** add muratic acid according to test kit.

* Adjust PH and alkalinity **UP:** add PH Plus (soda ash) OR Alkalinity Plus (sodium bicarbonate).

Your pool is equipped with an Automatic Chlorinator **OR** a Chlorine Generation System (Salt Based). If you have a salt based system, the system will instruct you in regards to the salt level. With a salt system the cyanuric acid level(stabilizer) will need to be checked and maintained regularly. A test kit may be purchased for this however taking a water sample to a pool store will give you a more accurate reading. Cyanuric acid cannot be removed from the water so getting an accurate reading before adding it is essential If you have a Automatic Chlorinator, there should always be chlorine tabs in the cylinder, do not buy generic tabs (they clog chlorinator). If your chlorine reading is **high**, **DON'T** add any chlorine, turn the chlorinator dial down, if it is low, turn the chlorinator dial up. If you have a zero chlorine reading with this system, you must **chlorinate** your pool quickly to prevent algae growth. Add liquid chlorine (1 gallon per 10,000 gallons of pool water), remember to run your pool for at least three hours afterward. If you develop algae or need to "**shock**" your pool, first brush the entire pool down and backwash, then add liquid chlorine (2 gallons per 10,000 gallons of pool water). Run the system for 24 hours and check the chlorine reading the next day. If it is at **zero**, repeat this process. If there is still algae, but the reading isn't at zero, brush the pool and again, backwash, and run for another 24 hours. Continuing brushing, backwashing, and running the pool until algae is gone. If during this process the chlorine reading is at zero again and you still have algae, repeat the initial steps. If your pool has colored plaster **never use calcium hypochlorite to shock the water**. This chemical, Cal-Hypo, has an abundance of inert ingredients and will cause staining to occur on your pools surface. These stains are permanent and cannot be removed. Feel free to call us if you have any questions regarding the different types of shock and what you should use to keep your pool looking great for years.