



DE FILTER

CONCORDPOOLS.COM



MAIN HEADQUARTERS
156 SPARROWBUSH ROAD
LATHAM, NY 12110
PHONE: 518-783-8976

SARATOGA DREAM CENTER
136 SOUTH BROADWAY
SARATOGA SPRINGS, NY 12866
PHONE: 518-587-4949

NOW OPEN!
60 BIG BOOM ROAD
QUEENSBURY, NY 12804
PHONE: 518-741-0860



TOP 3
POOL COMPANIES
in America
By Pool & Spa News

YOUR POOL DETAILS

Your clean running pressure is _____ lbs.

Sustain Chlorinated Pools

Every week add _____ scoops of Energizer tablets into skimmer.
(8 oz. Scoop for every 5000 gallons)

Every week add _____ 3" Sustain Chlorinating tablets to container in skimmer.
(Fill your sustain tablet dispenser cup)

Summer Shield - is a once a season product. Pour into pool while walking around the perimeter.

Water Level - should be halfway up the skimmer faceplate.

Salt pools maintain 3300-3500

Notes: _____

MAINTAINING YOUR POOL!

1. Manual Cleaning of FNS Series Filter
2. Cleaning the Push/Pull Backwash Valve
3. Cleaning the Pump Basket
4. Priming the Pump
5. Backwashing the Filter
6. Vacuuming the Pool

Heated Pool Heating Unit - see owners manual for instructions

WATER CHEMISTRY

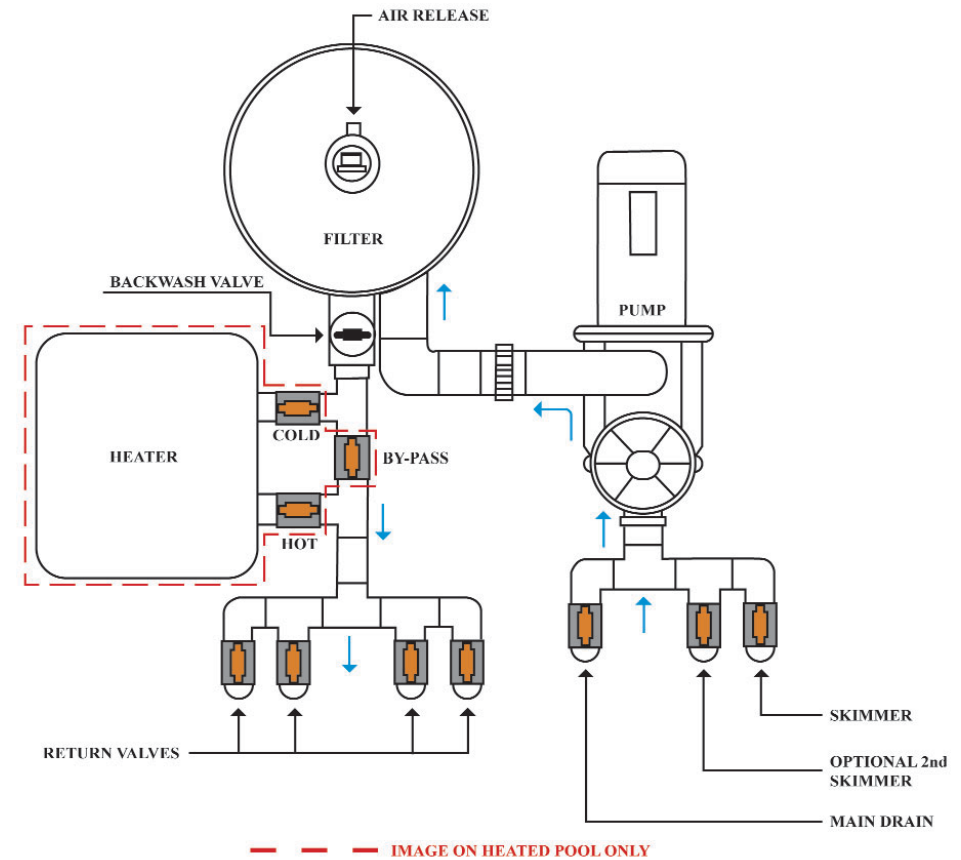
- ☒ Water chemistry is of key importance with your new swimming pool. A chemical manual is provided to you which gives excellent background information on water balance for swimming pools. We highly recommend careful review of this booklet.
- ☒ Concord Pools also recommends professional testing of your swimming pool water at least three times annually; once in the opening season (4 days after the opening or start up). We also recommend bringing a water sample to any of our stores for professional analysis if you have any questions regarding your water chemistry, or if a problem is suspected.
- ☒ Concord Pools urges each of our customers to use only Concord Pools chemicals in your swimming pool. These chemicals have been specially formulated for your swimming pool and will ensure the life long quality you expect from our products. If a problem with water chemistry does arise, it will be much easier for us to diagnose if we know the products that you have been utilizing. Therefore, we encourage you to keep accurate inventories of chemicals you have at home along with purchase dates. This will also help to avoid confusion as well as duplication if adjustments need to be made to the water.

CHEMICAL STORAGE

- ☒ Replace the original lids on all chemical containers and make sure lids are closed tightly when not in use.
- ☒ Mark purchase date on all containers with permanent marker.
- ☒ Do not stack different chemicals on top of one another.
- ☒ Store chemicals in a clean, dry, well ventilated area and off the floor.
- ☒ Keep liquid chemicals away from dry chemicals. Separate different forms of oxidizing compounds and physically separate all other forms of chemicals.
- ☒ Store swimming pool chemicals in a well ventilated area separate from other flammable liquids, solvents, or compounds.
- ☒ **Keep all chemicals out of reach of children.**
- ☒ **Do not store ladders and rails with chemicals.**

VACUUMING THE POOL

- 1) Turn on power to the pump.
- 2) Place vacuum pole with vac head and hose into pool making sure the swivel end of the hose is attached to the vacuum head.
- 3) Fit rigid end of hose over fitting on the skim-vac.
- 4) Fill hose with water by placing skim-vac over one of the return water fittings. The vac head will rise and release air bubbles until full of water. At that point, the vac head will sink back to the bottom of the pool.
- 5) Place skim-vac with hose attached over skimmer basket in the skimmer.
- 6) You may control the amount of suction by closing and opening the main drain valve. (Close main drain to increase suction, open to decrease suction).
- 7) When vacuuming has been completed, return main drain valve to the fully open position.
- 8) Skimmer basket(s) should be cleaned at this time.



BACKWASHING TIP

Always reload Fiber Clear or D.E. while pump is on.

The backwash hose should be placed to discharge in an area where the chemicals in the water will not harm grass or other vegetation. Prolonged discharge can also wash away fresh fill or newly seeded areas. Concord Pools supplies each new pool owner with a length of discharge hose that is adequate for most applications. If you find the hose is too short for your particular installation, you may obtain additional hose from any of our stores for a nominal fee.

NOTE //

If you find you are having to backwash more often than typically necessary; 1 time per week, taking into account environment, pollen season, rainfall, heavy bathing loads, etc., it may be necessary to clean the filter elements manually. Manual cleaning should take place at least once at end of the season.

MANUAL CLEANING OF FNS SERIES FILTER

- 1) Turn the power off.
- 2) Place discharge hose in a safe discharge area
- 3) Unlock and raise push/pull valve, then turn to re-lock.
- 4) Open air release at the top of the filter tank. (This will allow the filter to gravity drain).
- 5) Once the filter tank has drained, remove the band clamp assembly around the perimeter of the filter by loosening one bolt and completely removing the opposite one. (7/8 wrench needed)
- 6) Once the band clamp has been removed, slowly and evenly lift the filter top off.
- 7) Now, carefully lift the elements out of the filter. The elements will come out as a single unit and lift off of the standpipe located in the front of the filter. The elements may be heavy due to the debris trapped on them and the water contained within them.
- 8) Rinse the elements off thoroughly using a garden hose. (use Concord approved cleaner) Also, rinse out the two filter tank halves as well as the large black rubber o-ring.
- 9) Apply a light film of silicone to the black o-ring on the standpipe.
Do not apply it to the large tank o-ring.
- 10) Replace the elements in the tank taking care not to pinch the o-ring on the standpipe.

MANUAL CLEANING OF FNS SERIES FILTER... CONTINUED

- 11) Replace the top of the filter tank, making sure the two halves are properly seated.
- 12) Holding the ends of the filter clamp apart, position the center segment of the filter clamp over both upper and lower tank flanges. Bring the ends of the filter together, while inserting the T-bolt into the trunnion.
- 13) Place washer (large I.D.) and the tension –indicating spring on the barrel nut Place the second washer (small I.D.) on the T-bolt. Hand tighten nut. Recheck filter clamp for seating on flanges.
- 14) Begin to tighten nut using a 7/8 in wrench. Then tap around outside of the filter clamp with a mallet (or similar tool) to ensure uniform loading and proper seating of clamp. Continue tapping and tightening until the spring coils touch each other. Do not tighten beyond this point.
- 15) Close the backwash push/pull valve, by unlocking it and pushing it down. Then relock.
- 16) Turn the pump on and slowly open the skimmer valve.
- 17) When circulation resumes and there is no sign of leakage, add 2 bags of Fiber Clear or (8) 1lb. cans of D.E. into the skimmer.
- 18) The spring coils should be checked at least once a month to ensure that they continue to touch each other, indicating that the clamp is under sufficient tension. If coils fail to touch repeat step 14 above.

WARNING //

Do not stand over filter top while removing the clamp
or during initial start-up.

CLEANING THE PUSH/PULL BACKWASH VALVE

Push/Pull valves should be removed yearly to be lubricated and inspected.

- 1) Turn off power.
- 2) Close skimmer and main drain valves.
- 3) Remove two retaining screws from the valve assembly. (One closest to you as you face the filter and one close to the filter tank).
- 4) Pull valve out of the housing
- 5) Lubricate black rubber rings with a light coat of silicone lubricant.
- 6) Replace valve in housing with the retaining screws.
- 7) Follow instructions for “Priming the Pump” steps 5-8.

CLEANING THE PUMP BASKET

- 1) Turn off power.
- 2) Close skimmer and main drain valves.
- 3) Open lid to pump basket by spinning counter clockwise.
- 4) Empty debris.
- 5) Place basket back inside.
- 6) Fill basket with water.
- 7) Screw lid back on clockwise
- 8) Open skimmer and main drain valves and turn on.

PRIMING THE PUMP

- 1) Turn off power.
- 2) Close the skimmer valve, leaving the main drain opened.
- 3) Remove the clear lid from the pump strainer. (Clean the basket at this time)
- 4) Fill the pump strainer with water and allow water to go down main drain line. (Approximately 5 gallons of water)
- 5) Close lid.
- 6) Turn pump on.
- 7) Open the air release bleeder valve at the top of the filter tank.
- 8) When a steady stream of water is flowing from the bleeder valve, you may slowly open remaining valves one at a time.
- 9) If circulation does not resume within 2-3 minutes, repeat steps 1-7. If the system does not resume circulation after three attempts, contact Concord Pools for further information.

BACKWASHING THE FILTER

- 1) Turn off power to the pump.
- 2) Place backwash discharge hose in safe discharge area.
- 3) Unlock and raise Push / Pull backwash valve.
- 4) Turn the power on and allow the water to run until the discharge water is clear (approximately 1 minute on, 30 seconds off, 1 minute on).
- 5) Turn the power off and replace push/pull valve to the normal filtration mode. (Down & lock position)
- 6) Turn pump on and allow water to circulate for 15 seconds
- 7) Repeat steps 1-6 two more times. This will stir up the debris in the filter and allow it to be discharged.
- 8) When backwashing has been completed, add 2 bags of Fiber Clear or (4) cans of D.E. to the skimmer while the system is running. This will allow the Fiber Clear or D.E. to mix with water and coat the elements evenly.