



SAND 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. Backwash of your Sand Filter
2. Cleaning the Pump Basket
3. Priming the Pump
4. Vacuuming the Pool

Heated Pool Heating Unit - see owners manual for instructions

WATER CHEMISTRY

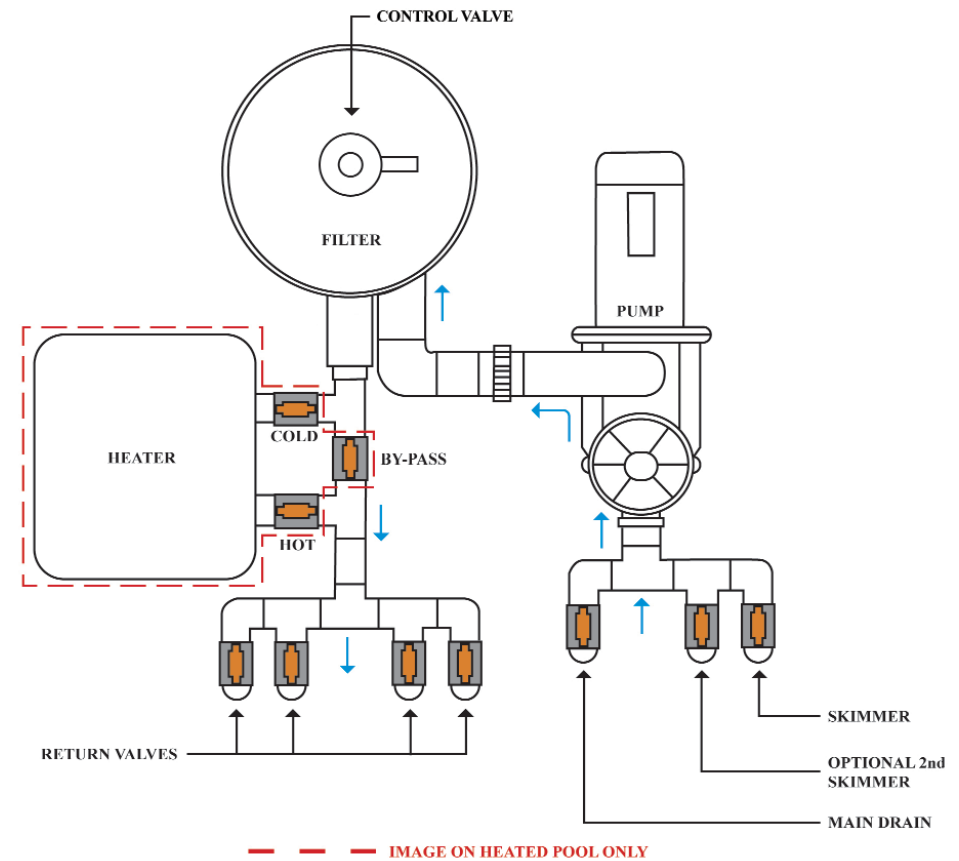
- ☒ Water chemistry is of key importance with your new swimming pool. A chemical manual is provided to you which gives excellent background information on water balance for swimming pools. We highly recommend careful review of this booklet.
- ☒ Concord Pools also recommends professional testing of your 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.



BACKWASH OF YOUR SAND FILTER

- 1) Backwashing frequency will vary from pool to pool and with other factors such as weather condition, heavy rains, dust, pollen, bather load, and water chemistry. Check the pressure gauge reading on a regular basis and when the pressure gauge reading increases 10 PSI over the initial clean filter reading, it is time to backwash your filter.
- 2) It is important NOT to backwash the filter solely on a timed basis such as every two days. It is also important to note that backwashing too frequently actually causes poor filtration.

Backwash Procedures.

1. Turn off pump.
2. Ensure that skimmer, maindrain and backwash lines are open so that water is free to come from the pool and flow out the backwash line. Set the control valve to backwash position.
3. Stand clear of the filter and start pump.

BACKWASHING TIP

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.

CAUTION //

To prevent damage to the pump and filter and for proper operation of the system, clean pump strainer and skimmer baskets regularly.

WARNING //

Failure to operate your filter system or inadequate filtration can cause poor water clarity obstructing visibility in your pool. Poor water clarity may obscure objects in the water which while swimming and diving could cause severe personal injury or death. Never swim in a pool with poor water clarity.

Backwash Procedures Continued...

- 4) Backwash filter for approximately 3-5 minutes or until backwash water is clean.
- 5) Turn off pump. Set control valve back to rinse position.
- 6) Stand clear of the filter and start pump.
- 7) Rinse filter for approximately 3-5 minutes.
- 8) Turn off pump. Set control valve back to filter position.
- 9) Stand clear of the filter and start pump.
- 10) The filter has now started its filtering cycle. Check that water is returning to the pool and take note of the filter pressure.
- 11) The filter pressure in step 10 above should not exceed the pressure originally observed on the filter when it was initially started. If after backwashing the pressure is 4-6 PSI above the start condition, it may be necessary to change the sand in the filter.

Filter and Control Valve Functions.

FILTER - From pump, through valve, downward through filter sand bed, up through center pipe to valve return port, and back to the pool for normal filter action and vacuuming pool through filter.

BACKWASH - From pump, through valve down through center pipe, up through filter sand to valve, and out waste port. This position is used for cleaning filter by reversing flow.

RINSE - From pump through valve downward through filter sand, up through center pipe to valve and out waste port. This position is used for startup cleaning and resettling filter bed after backwashing.

WASTE - From pump, through valve (bypasses filter) and goes to waste port. This position is for vacuuming directly to waste, lowering pool level, or draining pool.

***CLOSED* - NO FLOW IN THIS POSITION – DO NOT USE THIS SETTING WITH PUMP OPERATING.**

RECIRCULATE - From pump, through valve, bypasses filter and goes to return port and back to pool. This position is for circulating water without going through filter.

WINTERIZING - Valve position for a winterized filter.

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.