



McCarthy Pools

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POOL OPENING INSTRUCTIONS

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1. POOL OPENING CHEMICALS

Pool clean up in the Spring is a combination of oxidation and filtration. The key to clearing cloudy or green water is consistent filtration and chemical addition.

Synergy Pool Care System, Granular Chlorine, Stabilized Chlorine Tablets, Chlorine Generators

LIQUID SHOCK - 4 or more gallons are recommended. It is the safest way to super-chlorinate the pool water.

SEA KLEER - 1 or more quarts are recommended to prevent minerals in the pool water from causing green discolored water and staining on the liner.

ALKALINITY INCREASER - At least 10 lbs. is recommended to help raise the Total Alkalinity of the pool water. ALKALINITY INCREASER helps to stabilize the pH level and helps to prevent corrosion of metal pipes, pumps, heaters, etc...

CHLORINE STABILIZER - Helps retain chlorine residual. Add to pool when water is clean and clear. Do not add until your water has been tested and the proper amount needed has been determined.

ORDER IN WHICH TO ADD THE OPENING CHEMICALS

1. Add SEA KLEER directly into pool water
2. Broadcast ALKALINITY INCREASER into pool water
3. Add 4 gallons of LIQUID SHOCK
4. Add CHLORINE STABILIZER after water has been tested

*If the pool water is relatively clean and clear and you can see the pool floor, it is recommended that you vacuum the pool to "Waste" before adding the pool opening chemicals. This procedure is described in your filter operation manual.

**It is highly recommended that you bring a pool water sample to our Showroom for a complete water analysis test. We will be able to determine the correct amounts of CHLORINE STABILIZER, SYNERGY INITIATOR and/or SALT needed to properly balance your pool water. We will also ensure that your Total Alkalinity, Total Hardness, and pH are at the proper levels eliminating the potential of corrosive damage to metal pool components. You should have your pool water levels tested at least once every three weeks.

***Salt Generators should not be turned on until your salt readings are at the proper level.

2. PREPARATION OF POOL FITTINGS

A. WALL SKIMMER - Remove the green "Gizzmo" or plug from skimmer. Reinstall Skimmer Basket or replace if necessary. Ensure that the Weir (skimmer door) moves freely.

B. SIDE WALL SUCTION AND RETURN - Remove the plugs from the side wall fittings. Install a SAFETY GRATE in the side wall suction (if you have one) and a HYDROSWEEP into the side wall return fittings.

3. FILTER PREPARATION

A. SAND FILTERS

1. Replace drain plug or cap on bottom of filter tank.
2. Multiport Valves: install pressure gauge, move multiport selector handle to "Waste", open Backwash Gate Valve
3. Backwash Line - make sure that the backwash line has been reconnected or that your discharge hose is intact.

B. SYSTEM 3 MODULAR MEDIA FILTER

1. Replace 1 1/2" plug at bottom of filter tank
2. Install both filter cartridges
3. Install filter tank top and tighten mounting plates (hand-tight)

*All Filter elements should be chemically cleaned prior to Spring opening. If this was not done the previous Fall, please do so before starting up the filter.

4. PUMP PREPARATION

- A. Install two 1/4" drain plugs in pump housing (if they were removed in the fall)
- B. Place pump basket in pump housing
- C. Inspect pump cover oring and replace if stretched or worn
- D. Close the Main Suction and Skimmer Valves
- E. Fill the pump housing with water and screw on pump cover
- F. Turn on motor
- G. Slowly open the Main Suction Valve until completely open
- H. Let the motor run for 3 minutes or until fully primed, then open the Skimmer Valve (only if the pool water level is at the middle of the Skimmer Faceplate)

*If the pump will not prime, check all plugs, petcocks, orings, and fitting connections at the pump housing and manifold. The pump must be air tight to pick up the prime.

5. GAS HEATER PREPARATION

- A. Replace all drain plugs
- B. Close all petcocks
- C. Reconnect copper tubing for the pressure switch (not necessary on RayPak heaters with capron headers)

6. INITIAL FILTER OPERATION

A. SAND FILTERS

1. Shut off motor again and move the multiport selector handle to "Filter" position, close backwash valve, and turn on the motor
2. There should be a strong flow of water returning into the pool from the Side wall Return fitting
3. If the pool water is relatively clean and clear and you can see the pool floor, it is recommended that you vacuum the pool to "Waste" before adding the pool opening chemicals (refer to you filter operation manual)

B. SYSTEM 3 MODULAR MEDIA FILTER

1. When the pump is primed, there should be a strong flow of water returning into the pool from the Side wall Return fitting
2. If the pool water is relatively clean and clear and you can see the pool floor, it is recommended that you vacuum the pool to "Waste" before adding the pool opening chemicals (refer to you filter operation manual)

7. REMOVING THE WINTER COVER

A. REMOVING A SOLID POOL COVER

1. If possible, add 2 gallons of liquid shock to the water on top of the pool cover 48 hours prior to cover removal
2. Pump water off cover and into pool with either a sump pump or your pool pump
3. Remove cover.
4. Pool cover should be washed, dried, folded and stored away from rodents and insects (your cover warranty does not include damage incurred from improper storage)

*If you remove the water from your winter cover by any other means than what is described above, be sure to have water running into the pool under the cover at the same time and at the same rate as the water is being removed from on top of the cover. If you have any questions, please call us at (508) 485-1307.

C. REMOVING A LOOP LOC COVER

1. Remove any debris on top of Loop Loc cover
2. To remove Loop Loc cover
 - a. Insert Installation Rod over anchor bolt with heel of rod facing cover (see Figure 2 below)
 - b. Pressing downward, rotate rod 180 degrees so that heel of rod is between anchor bolt and retaining ring (see Figure 3 below)
 - c. Tilt rod slightly toward cover until retaining ring slides off of anchor bolt
 - d. Release all the springs and remove cover from pool
3. Pool cover should be washed, dried, folded and stored away from rodents and insects (your cover warranty does not include damage incurred from improper storage)
4. Refer to "Pool Opening Chemicals" on page 2

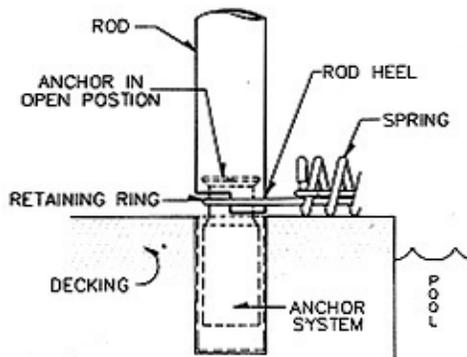


Figure 2

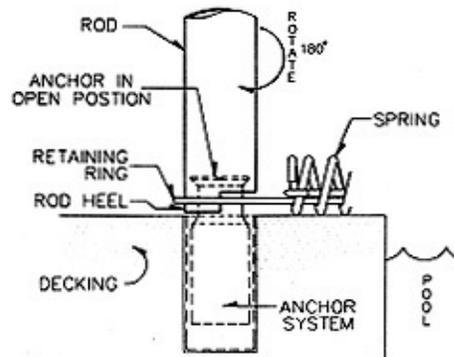


Figure 3

8. LADDERS AND HANDRAILS

A. LADDERS

1. Replace the rubber bumpers at the bottom of the ladder
2. Apply waterproof grease to the insides of the ladder anchors and to the outside ends of the ladder
3. Insert ladder into the anchors and tighten anchor screws (Do not over tighten)

B. HANDRAILS

1. Apply waterproof grease to the insides of the handrail sockets and to the outside ends of the handrail
2. Loosen wedge screw (soak in WD-40 if needed)
3. Insert handrail into the sockets and tighten wedge screw (Do not over tighten)

9. OFF LINE CHEMICAL FEEDERS

- A. Reconnect the IN and OUT Lines to the Feeder and to the clamp assemblies on the pump plumbing
- B. Replace cover oring if needed
- C. We do not recommend the use of Stabilized Chlorine until the pool water is clean and clear; you should use a non-stabilized chlorine such as LIQUID SHOCK or GRANULAR CHLORINE to clear the pool water

10. ADDITIONAL ADVICE AND INFORMATION

A. SOLAR COVERS

- 1. When the solar cover is not on the pool, it is best to keep it in a poly bag or out of the sunlight
- 2. The warmer the water gets the greater the potential for algae; chemically treat the pool accordingly with an algaecide

B. CHLORINE STORAGE

- 1. Do not store chlorine near metal objects - chlorine vapors may cause metal objects to rust and pit
- 2. Do not store chlorine near combustible materials

C. HIGH WATER TABLE

- 1. It is very important to keep the pool filled with water to counteract the pressure placed on the pool walls from the water table in the ground
- 2. The proper water level is half way up the skimmer faceplate