

# CRYSTAL CLEAR POOLS

*Pools, Spas, and Accessories!*

911 E. MacArthur Street . Suite 100 . Shawnee, OK 74804

Phone 405.214.7665

Email: [Contact@crystalclearpoolsok.com](mailto:Contact@crystalclearpoolsok.com) Website [www.crystalclearpoolsok.com](http://www.crystalclearpoolsok.com)

## How To Open An Above Ground Pool & Handbook

### EQUIPMENT

Pump - 1. Install plugs

2. Always replace the pump lid O-ring or gasket & lubricate with Magic Lube.
3. Inspect the pump basket & lid for cracks
4. Connect hose from front of pump to bottom of skimmer.
5. Prime

Filter - 1. If not done at time of winterizing, tear down, remove sand, flush, clean & inspect laterals, add new sand, lubricate multiport valve O-ring & assemble.

2. Connect hose for multiport valve marked pump to top of pump
3. Make sure filter cap is on
4. Important- Sand must be changed every season and chemically cleaned every 30 to 45 days with Filter Cleaner. This is a must for proper filtration and circulation because over time your sand will become gummy & clump as a result of tanning lotion, cosmetics, antiperspirants, saps, body oils and calcify from scale deposits. Hazy water along with other problems will result. Filter Cleaner is made up of special degreaser and acid that breaks down these greasy oils and and scale deposits that cause poor filtration.

Return Jet - 1. Remove rubber plug.

2. Install eyeball fitting.
3. Connect hose from return Jet to multiport valve marked return.

Timer - 1. Making sure breakers are on to supply power to timer, set timer to correct time & position the "on" tripper to 8:00 am & the "off" tripper to 8:pm on the pump.

### FILLING

Water level - 1. Start filling pool now while covered. (This will save you time and speed up the opening process.)

### COVER

1. Remove all heavy debris with a deep leaf net.
2. Remove water from cover with a cover pump. (Checking periodically so as not to burn up pump due to debris blockage.)
3. Remove cover without dumping debris in pool water.
4. Using pool brush, clean, rinse, allow to dry, fold, roll, & store. (keep out of reach of mice.)

### CONDITION

If water is extremely cloudy to zero visibility or excessive algae, a floc treatment is required.

# CRYSTAL CLEAR POOLS

*Pools, Spas, and Accessories!*

911 E. MacArthur Street . Suite 100 . Shawnee, OK 74804

Phone 405.214.7665

Email: [Contact@crystalclearpoolsok.com](mailto:Contact@crystalclearpoolsok.com) Website [www.crystalclearpoolsok.com](http://www.crystalclearpoolsok.com)

## How To Open An Above Ground Pool & Handbook

Balance water first (pH 7.2-7.6, Alkalinity 80 to 100, Chlorine 1.0 to 3.0 then dilute floc in bucket of water and add evenly around pool while filters multiport valve is in the re-circulate position letting the pump run for 1 to 2 hours, (depending on floc brand you are using) then turn off pump and let pool stand for 12 to 48 hours, then vacuum pool to waste. Be sure to raise pool water level higher than normal since you will be losing water while vacuuming to waste.

### **CLEANING & TREATING**

Water Level - 1. If normal to light dirt and algae exist, you will be vacuuming on filter so run water level up midway of skimmer mouth. If heavy dirt and algae exist, you will need to vacuum on waste to keep from sending it back to pool, so run water level well over skimmer mouth in advance to make up for water loss.

Vacuuming – 1. Hook up hose, vacuum head, vacuum plate and pole (make sure swivel end of hose is connected to vacuum head or it will suck air.) Note: Never vacuum without skimmer basket and skimmer plate or you will stop up plumbing..  
2. Vacuum walls, floor & steps.  
3. After vacuuming, backwash & rinse filter thoroughly.

### **SAND FILTER**

Backwashing & Rinsing Instructions

1. Turn off pump
2. Turn multiport valve handle clockwise to backwash position
3. Turn pump on and backwash for 1 min. or until discharge water clears
4. Turn off pump
5. Turn multiport valve handle clockwise to rinse position
6. Turn pump on and rinse for 30 seconds or until discharge water clears
7. Turn pump off
8. Turn multiport valve handle clockwise to filter position
9. Turn pump on and your ready to filter.

***IMPORTANT: NEVER TURN HANDLE WHILE PUMP IS RUNNING!***

When to backwash -1. Once weekly  
2. After & during vacuuming when pressure exceeds 15 lbs. to 20 lbs.  
3. When water is hazy or cloudy  
4. With heater when pressure exceeds 17 lbs. to 20 lbs. and without heater when pressure exceeds 12 lbs. to 15 lbs.

# CRYSTAL CLEAR POOLS

*Pools, Spas, and Accessories!*

911 E. MacArthur Street . Suite 100 . Shawnee, OK 74804

Phone 405.214.7665

Email: [Contact@crystalclearpoolsok.com](mailto:Contact@crystalclearpoolsok.com) Website [www.crystalclearpoolsok.com](http://www.crystalclearpoolsok.com)

## How To Open An Above Ground Pool & Handbook

### DE FILTER

1. Clean grids & tank with Filter Cleaner. **DO NOT USE MURIATIC ACID!!!**
2. Install plugs.
3. Check pressure gauge for stuck needle. If so replace.

### CARTRIDGE FILTER

#### Cleaning Instructions

1. Turn off pump
2. Open filter and remove cartridge(s)
3. Using a water hose with a high pressure spray gun/nozzle and starting at the top of the filter, spray in between the each and every one of the pleats and hose all of the heavy dirt and debris down towards the bottom of the filter until all heavy dirt is gone.
4. Then spray filter fabric with a pool & spa filter cleaner to chemically clean the fabric completely. Water alone will not and does not work! *FILTER CLEANER IS A PRODUCT COMPRISED OF BOTH A DEGREASER & DESCALER THAT BREAKS DOWN ALL OILS SUCH AS.BODY, HAIR, COSMETICS, LOTIONS, SUNSCREEN, BABY OIL, ANTIPERSPIRANTS, PLANT & TREE SAPS.*
5. Let filter cleaner set for 5 to 15 minutes or per your filter cleaners instructions. This allows the product to degrease oils & soften scale deposits.
6. Then using water hose and spray gun/nozzle, rinse thoroughly.
7. Re install cartridge(s) and reassemble filter and you're ready to circulate.

**Water Testing** - 1. Test water then treat as per instruction (never take water sample from pool water surface or near water hose while filling).

**Treating** -  
1. Always add chemicals while pump is running.  
2. Never pour acids, stain/scale inhibitors & algaecides in skimmers.

**Brushing** -  
1. Brush walls and floor toward drain just after adding chemicals for the following reasons: (A.) To break loose stuck on dirt & algae that vacuuming didn't get, (B.) Chemicals can work better and faster eliminating algae and dirt brushed loose than left on surface, (C.) To help mix and dissolve any chemical that may settle to bottom resulting in damage to plaster finish and vinyl.

# CRYSTAL CLEAR POOLS

*Pools, Spas, and Accessories!*

911 E. MacArthur Street . Suite 100 . Shawnee, OK 74804

Phone 405.214.7665

Email: [Contact@crystalclearpoolsok.com](mailto:Contact@crystalclearpoolsok.com) Website [www.crystalclearpoolsok.com](http://www.crystalclearpoolsok.com)

## How To Open An Above Ground Pool & Handbook

### BALANCE WATER

- Alkalinity** - 80-120ppm
- if low, (Goodbye chlorine! acidic water, stains & corrodes) add Alkalinity Plus.
  - if high, (Chlorine will not work! scale forms, water clouds) add Image pH Minus or muriatic acid per instructions.

**Note: High Alkalinity & pH must be lowered in small amounts and frequently.**

- pH** - 7.4-7.6ppm
- if low, (Goodbye chlorine! acidic water, stains & corrodes) add pH Plus retest 4-6 hours.
  - if high, (Chlorine will not work! scale forms, water clouds) add pH/Alkalinity Decreaser or Muriatic Acid per instructions.

### Calcium Hardness - 200-500ppm

- if low, (water foams, corrodes metals, soapy) add Image Hardness Treatment.
- if high, (scale forms, discoloration, limes heaters & plumbing) add Image Scale & Metal per instructions. then back it up with stain & scale inhibitor or you may partially drain pool and add fresh water. If source water is above 500 you must treat with stain & scale inhibitor, 1 quart per 10,000 gallons then 8 oz. weekly.

### Copper - 0ppm

If copper is present, (Cloudy & Stains!) Add 1 quart of Image Metal Control per 10,000 gallons then 8 oz. weekly.

### Iron - 0ppm

If iron is present, (Cloudy & Stains!) Add 1 quart of Image Metal Control per 10,000 gallons then 8 oz. weekly.

### Stabilizer - 25-40ppm

- if low, (Goodbye chlorine!) add Image Conditioner at a rate of 2.5 lbs per 10,000 gallons of pool water. **Stabilizer must be added in skimmer!**
- if high, (False alkalinity readings, acidic water, increased chlorine demand) partially drain pool and dilute with fresh water.

### SANITIZERS & OXIDIZERS

#### Chlorine - 1.0-2.0ppm

- if low, add ClearView Insta-Chlor 1 lb per 20,000 gal. and fill chlorinator/float feeder with 3" Chlorine Tablets. **Note: Predissolve and add through skimmer.**
- if high, remove float feeder for a few days.

# CRYSTAL CLEAR POOLS

*Pools, Spas, and Accessories!*

911 E. MacArthur Street . Suite 100 . Shawnee, OK 74804

Phone 405.214.7665

Email: [Contact@crystalclearpoolsok.com](mailto:Contact@crystalclearpoolsok.com) Website [www.crystalclearpoolsok.com](http://www.crystalclearpoolsok.com)

## How To Open An Above Ground Pool & Handbook

**Shock Treatment** - When pH is 7.4-7.6, Alkalinity 80-120, Calcium 200-500 add 1 lb. of granular chlorine per 10,000 to 20,000 depending on the particular shock you have purchased gallons of water, repeat after 24 hours if needed.  
*(this dosage is based on a clean & clear pool)*

**Bromine** - 3.0-5.0 Shock (granular bromine) to raise bromine level, to maintain 3.0-5.0 fill automatic chlorinator or brominator with bromine tablets.

**Biguanide** - 30-50 (Baquacil, SoftSwim, Aqua free) to raise biguanide level, add 1/2 gallon per 10,000 gallons initial dose then 1 pint (16oz.) per 10,000 gallons weekly.  
To shock add 1 gallon of shock per 10,000 gallons once a month.

## ALGAECIDES, CLARIFIERS, SCALE INHIBITORS AND ENZYME TREATMENTS

**Image Algae Preventor** – INITIAL DOSAGE 1 qt per 25,000 gal, WEEKLY 1oz. per 5,000 gal.

**Image Scale & Metal Control** – MONTHLY DOSAGE 16oz per 10,000 gal.

**ClearView Super Crystal Clarifier** – WEEKLY DOSAGE 1/2oz per 5,000 gal.

**Power Enzyme** - INITIAL DOSAGE 1 qt per 10,000 gal, WEEKLY 6oz. per 10,000 gal.

## VINYL

- Waterline** - 1. Remove scum line with Surface Cleaner. It's a good idea to clean & remove any algae & bacteria from you ladders, handrails & pool cleaners before installation, so as not to contaminate to your balanced pool water.
2. Drop one Scumball in skimmer to collect suntan lotion, tree sap, pollen, make-up, hair spray and other oils. Note: Scumballs are highly recommended for Baquacil, Aqua Free, SoftSwim and Clear Comfort sanitized pools because scum is a common characteristic trait of these sanitizers.

## FILTRATION

Run pump and filter around the clock backwashing and rinsing 3 times daily until Crystal Clear then resume normal filtration of 12 hrs minimum daily, backwashing and rinsing once weekly.

## WATER LEVEL

Maintain water level midway of skimmer mouth. If water level is too low, pump will draw air causing damage or possible pump replacement. If water level is too high skimmer will not draw surface debris causing you to vacuum more often.

# CRYSTAL CLEAR POOLS

*Pools, Spas, and Accessories!*

911 E. MacArthur Street . Suite 100 . Shawnee, OK 74804

Phone 405.214.7665

Email: [Contact@crystalclearpoolsok.com](mailto:Contact@crystalclearpoolsok.com) Website [www.crystalclearpoolsok.com](http://www.crystalclearpoolsok.com)

## How To Open An Above Ground Pool & Handbook

RETURN JET DIRECTION Set jet direction pointing counter clockwise and slightly up away from skimmer to reduce scum line resulting in less vacuuming and lower maintenance, and your pool will stay cleaner longer.

If you have questions you can call us during normal business hours.

405-214-7665

E-MAIL: [contact@crystalclearpoolsok.com](mailto:contact@crystalclearpoolsok.com)

Don't forget to spread the word, WE PRICE MATCH WalMart and Amazon prices and have an equal or better product!

***We thank you for your support of your local store !!!!***