

Pool FROG[®]
In GROUND
MINERAL SYSTEM FOR POOLS
Patented Mineral Pool Sanitizer

**THE POOL FROG[®]
MINERAL RESERVOIR
MUST BE REPLACED
EVERY SIX MONTHS
OR AFTER ONE POOL
SEASON WHICHEVER
IS SHORTER.**



Instruction Manual

Customer Service 800-222-0169

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For information on King Technology's entire product line, visit our website at www.kingtechnology.com

POOL FROG®

Welcome to easier pool care courtesy of POOL FROG®. With POOL FROG®, your pool water will look and feel better without a lot of work or a lot of chlorine. This system controls bacteria using a combination of minerals and reduced chlorine levels. There are 4 parts to the POOL FROG® System: The In Ground POOL FROG® Cyclor, the POOL FROG® Mineral Reservoir, FROG BAM® 90-day Algae Preventative and the POOL FROG® Bac Pac.

Part I POOL FROG® Cyclor

The water treatment center that controls the flow of water to each part of the POOL FROG® System.



For In Ground Pools
up to 40,000 gallons.

Part II POOL FROG® Mineral Reservoir

Holds the minerals and fits inside the POOL FROG® Cyclor.



THE POOL FROG® MINERAL RESERVOIR MUST BE REPLACED EVERY SIX MONTHS OR AFTER ONE POOL SEASON WHICHEVER IS SHORTER.

Part III FROG BAM®

Use with the POOL FROG® System for an Algae-Protection Guarantee.



Part IV POOL FROG® Bac Pac

Chlorine support fits inside POOL FROG® Mineral Reservoir.

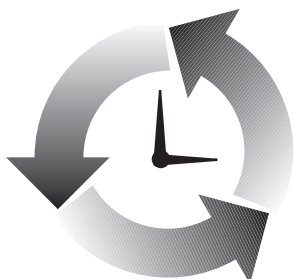


(POOL FROG® Mineral Reservoir sold inside POOL FROG® Cyclor and separately for replacements. POOL FROG® Bac Pac and FROG BAM® sold separately.)

Swimming Pool Tips

Start-up and Yearly Maintenance

1.



• Make sure the pool has adequate circulation. The pool water must completely circulate through the pump and filter at least 1 to 2 times per day. This usually requires 8 to 12 hours. Check with your dealer for the proper circulation time for your pool.

2.

• Before beginning with any pool care program, you must first balance your pool water. Take a water sample to your local pool professional or use a complete test kit that will test for the following important elements.

Water Balance Guidelines

pH:	7.2 — 7.8
Total Alkalinity:	60 — 120 ppm
Calcium Hardness:	150 — 400
Total Dissolved Solids:	<1500
Stabilizer:	20 — 80 ppm
Free Chlorine:	0.5 — 1.0 ppm

3.

Cu
Mg Fe

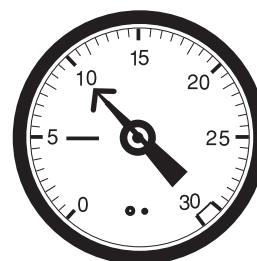
• If your fill water is high in metals, use a sequestering agent or metal out product at start-up only before using the POOL FROG® Mineral Reservoir. See your local dealer for details on using these products and always follow manufacturers directions carefully.

4.



• After your pool is up and running smoothly, continue to test your water for pH, total alkalinity and chlorine and maintain its balance by adding any necessary adjustment products (see your dealer for details).

5.

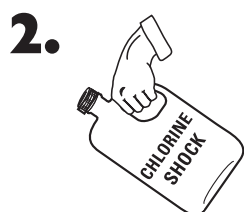


• Check the pool's filter gauge often and periodically clean filter per the manufacturer's directions. A dirty filter will slow the flow of water which could hamper proper circulation.

Start-up and Operation



- 1.**
- Add a stabilizer or conditioner to the pool at the beginning of the season if the stabilizer level is below 20 ppm. This will prevent chlorine burn off. Follow manufacturer's directions carefully.



- 2.**
- Shock the pool with chlorine to rid the water of all contaminants before beginning with POOL FROG®. Follow manufacturer's directions carefully.
 - **THIS STEP IS VERY IMPORTANT TO START-UP. USE CHLORINE SHOCK ONLY.**

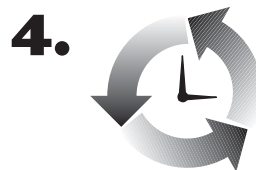


• **Do not** add shock in or near the skimmer or into the POOL FROG® Cyclor as it could damage equipment, risk potential explosion or discolor your pool surface.



- 3.**
- Install a POOL FROG® Mineral Reservoir into the POOL FROG® Cyclor. (Follow Directions on Page 7.)

REPLACE THE POOL FROG® MINERAL RESERVOIR EVERY 6 MONTHS OR AFTER ONE POOL SEASON WHICHEVER IS SHORTER.



- 4.**
- Replace cap and run POOL FROG® Cyclor, with POOL FROG® Mineral Reservoir inserted, for 10 minutes on Setting Maximum.

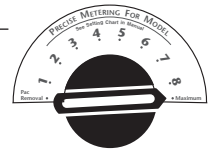


- 5.**
- For an Algae Protection Guarantee insert FROG BAM® into POOL FROG® Mineral Reservoir in POOL FROG® Cyclor. (See page 8 for directions.)



- 6.**
- When chlorine reading is down to 1.0 ppm, which may take a few days, insert POOL FROG® Bac Pac. (Follow directions on page 9.)

Start-up and Operation



7. • Set control dial by matching up the parameters of your pool on the chart below. THIS IS A STARTING POINT ONLY and may need to be adjusted to fit your individual pool needs. See #8 for directions. **IMPORTANT:** Pump run times less than 8 hours could result in under chlorination due to inadequate flow through the System.

In Ground POOL SIZE Gallons	8 Hour Pump Run Time				12 Hour Pump Run Time				24 Hour Pump Run Time			
	PUMP SIZE				PUMP SIZE				PUMP SIZE			
	3/4 hp	1 hp	1 1/2 hp	2 hp	3/4 hp	1 hp	1 1/2 hp	2 hp	3/4 hp	1 hp	1 1/2 hp	2 hp
7,000	3.5	3	2.5	* 2.5	3	2.5	* 4	* 3.5	1.5	* 3.5	* 3	* 2.5
9,000	4	3.5	3	2.5	3.5	3	2.5	* 4	2.5	* 4	* 3.5	* 3
12,000	4.5	4	3.5	3	4	3.5	3	2.5	3	2.5	1.5	* 3.5
18,000	NR	4.5	4	3.5	5	4	3.5	3	3.5	3	2.5	2
25,000	NR	NR	4.5	3.5	NR	5	4	3.5	4	3.5	3	2.5
30,000	NR	NR	5.5	4.5	NR	5.5	5	4	4.5	4	3.5	3
35,000	NR	NR	6.5	5.5	NR	6.5	5.5	5	5.5	4.5	4	3.5
40,000	NR	NR	NR	6.5	NR	NR	6.5	5.5	6.5	5.5	4.5	4

* - Bypass installation recommended.

NR - This pump size is not recommended for this size pool.

RECOMMENDED FLOW RATE: 20-80 gpm

8.

• For the first week test the pool water daily for free chlorine to ensure correct dial setting. Continue to test weekly throughout the season.



• After each testing, adjust the dial up by 1/2 increment if the free chlorine reading has dropped below 0.5 ppm or adjust down by 1/2 increment if the reading has risen above 1.0 ppm. Continue this process each day until the free chlorine reading stabilizes to at least 0.5 ppm.

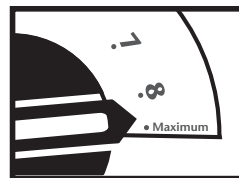
• Remember to adjust dial ONLY by 1/2 setting per day in order to prevent over chlorination which may bleach pool surfaces.

9.



• Shock pool every two weeks or as needed to maintain water quality. Follow label directions on the shock treatment used.

6.



• Set dial to Maximum. Maintain a minimum chlorine reading of 0.5 ppm with a chlorine delivery device or hand feeding.

7.



• Shock pool every two weeks or as needed to maintain water quality. Follow label directions on the shock treatment used.

Replace FROG BAM® for an Algae Protection Guarantee

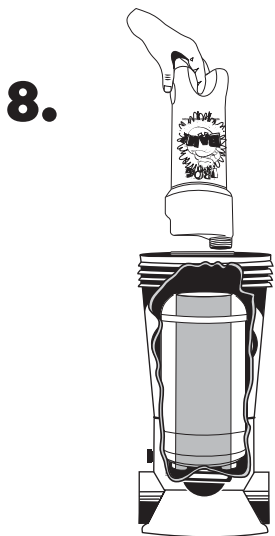
If you are not replacing FROG BAM®, proceed to Step 15. See FROG BAM® product labeling for complete directions for use (EPA Reg. No. 53735-9).

For a preventive dose add:

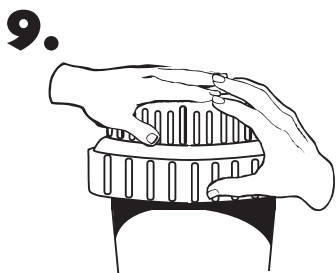
- One FROG BAM® per 10,000 to 15,000 gallons.
- Two FROG BAM® per 15,000 to 30,000 gallons.



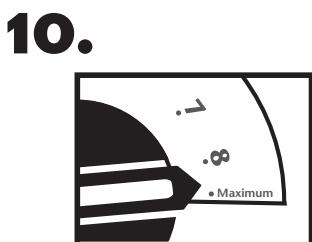
- Remove cap from FROG BAM® without removing seal.



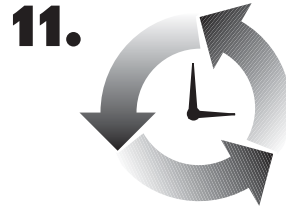
- Insert upside down into center of POOL FROG® Mineral Reservoir pushing down firmly on key inside POOL FROG® Cyclor to puncture seal on FROG BAM® bottle.



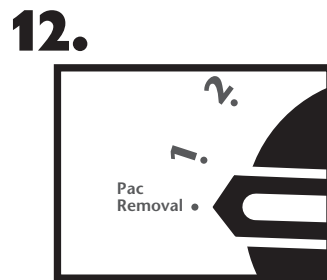
- Replace cap by hand only. **DO NOT OVER TIGHTEN.**



- Turn control dial on POOL FROG® Cyclor to Maximum.



- Turn pump on for 90 minutes allowing FROG BAM® to circulate through pool.



- To remove FROG BAM®, turn pump off. Turn dial to Pac Removal.



- Remove POOL FROG® Cyclor cap.

- Lift FROG BAM® up and allow any water in the container to drain through the POOL FROG® Cyclor before discarding in trash.



NOTE: If water shows more than a hint of blue inside POOL FROG® Cyclor, replace the POOL FROG® Cyclor cap, turn dial to Maximum and run the pump for one minute.

14a. If pool size requires additional FROG BAM®, repeat steps 7-14.

14b. When water is clear in POOL FROG® Cyclor, proceed to step 15.

Replacing POOL FROG® Bac Pac

15. • Colored caps



- POOL FROG® Bac Pac recommended to assure up to 50% reduction in chlorine use*. POOL FROG® Bac Pac sold separately. (EPA Reg. No. 53735-2)

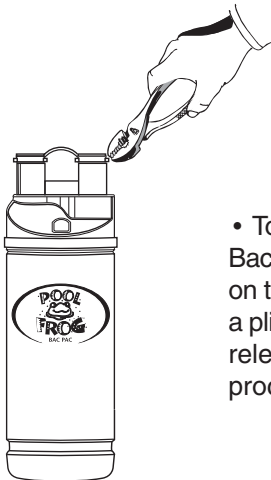
**Compared to the minimum EPA recommended chlorine level of 1.0 ppm for a stabilized swimming pool.*

16.



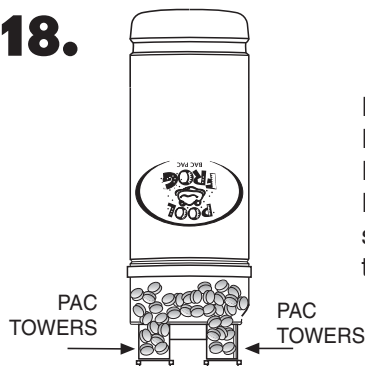
- Avoid sparks, open flame or smoking when handling the POOL FROG® Bac Pac.

17.



- To remove POOL FROG® Bac Pac colored caps, grab on to the lip of one cap with a pliers and pull up until cap releases. Repeat the process for the other cap.

18.

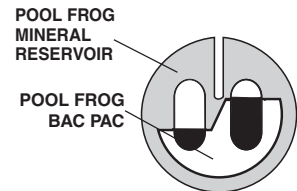


- Holding the POOL FROG® Bac Pac over the POOL FROG® Mineral Reservoir turn POOL FROG® Bac Pac over and shake slightly until chlorine tablets fall into tower areas.

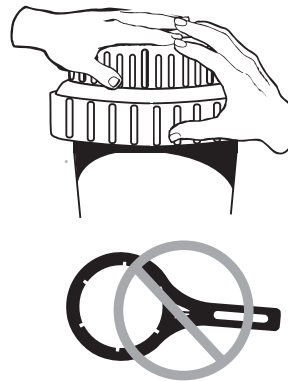
19.



- Line up the small leg of the POOL FROG® Bac Pac with the small opening in the POOL FROG® Mineral Reservoir and the large leg with the large opening. Lower POOL FROG® Bac Pac into POOL FROG® Mineral Reservoir until secure.



20.



- Replace cap by hand only. **DO NOT OVER TIGHTEN.**

- **DO NOT USE CAP TOOL TO TIGHTEN CAP.** Use for removal only.

21.



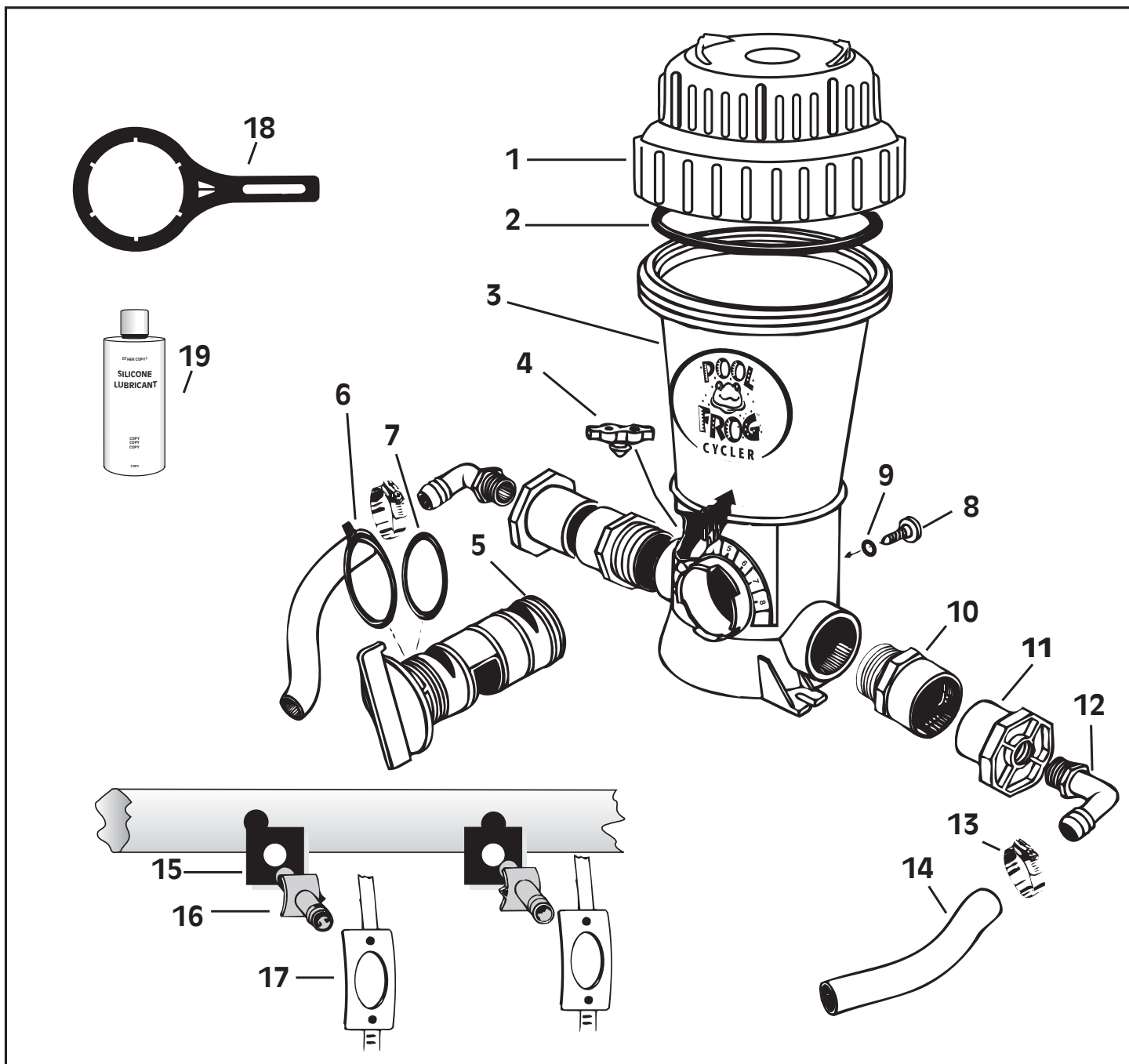
- Mark your calendar for the six month replacement of the POOL FROG® Mineral Reservoir, 90-day replacement of FROG BAM® and approximate replacement times for the POOL FROG® Bac Pac. Once wetted, the time-released mineral coating of the POOL FROG® Mineral Reservoir is effective up to 6 consecutive months or one pool season whichever is shorter. After that time, even if you hear the spent media inside, it is no longer effective and must be replaced.

Troubleshooting

For more in-depth troubleshooting, go to www.kingtechnology.com

Problem	Remedy		
<p>1. What do I do if the water looks cloudy?</p>	<p>1. Make sure your filtration system is working properly (i.e. clean filter, skimmer and pump basket).</p> <p>2. Make sure circulation time is adequate – increase pump time if not.</p>	<p>3. Make sure the pool is properly balanced (see page 4).</p> <p>4. Shock the water to eliminate build up of any organic matter.</p>	<p>5. Make sure pool has a free chlorine reading of 0.5 to 1.0 ppm.</p> <p>6. Check with your dealer for more information.</p>
<p>2. What do I do if the water turns color?</p>	<p>1. Metals in the fill water may have been oxidized. Have the pool tested. Shock the pool and clean the filter until water clarity returns.</p>	<p>2. Algae may be trying to form – shock the pool, increase circulation time if needed and clean the filter.</p>	<p>3. Check with your dealer for more information.</p>
<p>3. What do I do if algae forms in or on my pool?</p>	<p>1. Use a nonmetallic (polyquat) algaecide per the directions on the bottle and brush the sides of the pool often.</p> <p>2. Clean the filter and shock the pool with chlorine daily until water clarity returns.</p>	<p>3. If you are in an area of the country that struggles with algae growth, see your dealer regarding a 90-day Algae Protection Guarantee using FROG BAM®. See product hang tag for guarantee details.</p>	<p>4. Check with your dealer for more information.</p>
<p>4. What do I do if I am under chlorinating with the POOL FROG® Bac Pac?</p>	<p>1. If you are unable to maintain 0.5 to 1.0 ppm, first make sure there are chlorine tablets in the tower areas of the POOL FROG® Bac Pac and it is installed properly. If a correction was made, test the water in 24 hours.</p> <p>2. If still low, turn the dial up one setting and test the water again in 24 hours. Continue</p>	<p>raising the setting by one increment each day until the proper reading is achieved.</p> <p>3. Shock the pool if the reading has been lower than 0.5 ppm for more than one day.</p> <p>4. Increase pump time if possible.</p>	<p>5. Contact your dealer to have your back pressure tested to ensure it is between 3 & 8 psi.</p> <p>6. Contact King Technology's Customer Service Department at 800-222-0169.</p>
<p>5. What do I do if I am over chlorinating with the POOL FROG® Bac Pac?</p>	<p>1. If the chlorine reading is over 3.0 ppm, remove the POOL FROG® Bac Pac from the POOL FROG® Mineral Reservoir and test the water daily until the reading is down to 1.0 ppm.</p> <p>2. Reinsert the POOL FROG® Bac Pac, lower the dial one setting and test the water again in 24 hours.</p>	<p>If the reading has risen, lower the dial one setting again. Continue this process until proper reading is achieved.</p> <p>3. If over-chlorinating at the lowest possible setting, consider decreasing the circulation time. Depending on your pump size,</p>	<p>you may be circulating the water more than is necessary which results in more chlorine than is necessary.</p> <p>4. Contact King Technology's Customer Service Department at 800-222-0169.</p>

Parts List Models 5400/5430



POOL FROG[®] CYCLER DIAGRAM/PARTS LIST • Model 5400

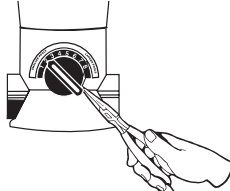
REF. #	PART NUMBER	DESCRIPTION	QTY. REQ.
1 & 2	01-22-9412	Cap w/O-Ring	1
2	01-22-9920	Cap O-Ring	1
3	N/A	Body	1
4	01-22-9480	Pressure Relief Valve	1
5, 6, 7	01-22-9441	Control Dial with O-Rings	1
6 & 7	01-22-9450	Control Dial O-Ring Set	1
8 & 9	01-22-9941	Knob with O-Ring	2
10	01-22-9490	2" Male Adapter	2
18	01-22-8870	Cap/Control Dial Tool	1
19	01-22-9970	Silicone Lubricant	1


OFF-LINE PARTS Included with Model 5430


REF. #	PART NUMBER	DESCRIPTION	QTY. REQ.
11*	01-22-8620	2" X 1/2" Bushing	2
12	01-22-7800	90° Elbow	2
13	01-22-7690	Small Clamp	4
14	01-22-7700	6' PVC Tubing	1
15	01-22-7850	Scoop Gasket	2
16	01-22-7790	Venturi Scoop	2
17	01-22-7910	Scoop Clamp	2

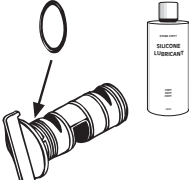
POOL FROG® Cycler Maintenance


Replacing the Control Dial O-Rings


1.  • Using a needle nose pliers, find the snap ring tail located at approximately the five o'clock position under the control dial.


2.  • Pull down and out of the groove.

3.  • Using a large screwdriver, loosen the control dial. Carefully pry the dial until it pulls out.

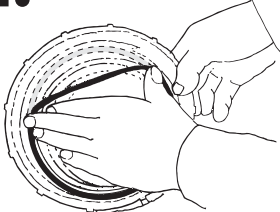
4.  • Carefully replace the rubber o-ring without stretching it. Apply silicone lubricant, that came with your POOL FROG® Cycler, on o-ring.

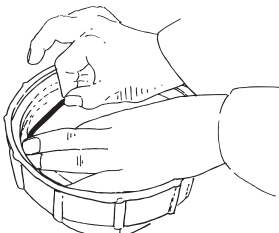
5.  • Push control dial completely into the housing and turn the dial to setting 2.


6.  • Insert the non-lipped end of snap ring into the groove opening beginning at the 5 o'clock position and push it up so that it threads itself around the control dial.

7.  • Using a small screwdriver or pointed tool to help guide it, make sure the snap ring stays in the groove as it is inserted.

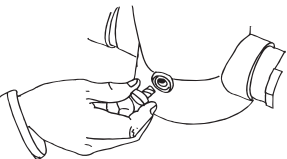
Replacing Cap O-Ring

1.  • Hold cap in front of you upside down with the o-ring groove facing up. Place one end of o-ring into cap groove at the point closest to you. Hold o-ring down with the thumb and forefinger of one hand.

2.  • Take hold of the far end of the o-ring with the thumb and index finger of the other hand. Roll o-ring slightly back towards you as you stretch the o-ring into the remainder of the cap groove.

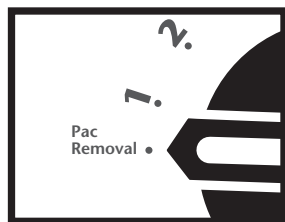
3.  • Lubricate o-ring often with silicone lubricant that came with your POOL FROG® Cycler. DO NOT USE petroleum based lubricants.

Replacing knob

 • Replace knob in back of POOL FROG® Cycler by unscrewing old one and screwing in new one.

Winterizing

1.



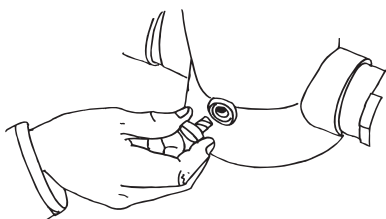
• Turn pump off and turn dial to Pac Removal.

2.



• Remove cap.

3.



• Unscrew knob in the back of POOL FROG® Cyclers. Allow all water to drain.

4.



• If POOL FROG® Bac Pac still contains chlorine wrap in plastic bag and store in shed or garage away from children and pets. Make sure POOL FROG® Bac Pac is away from open flame or anything metal.

5.



• Remove the POOL FROG® Mineral Reservoir and discard in trash. Even if you hear spent minerals inside, it is no longer effective.

6.

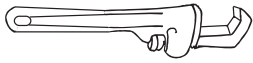


• Replace the cap and knob loosely.

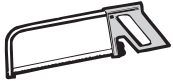
In-line Installation

TOOLS NEEDED

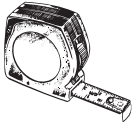
Pipe Wrench



Hacksaw

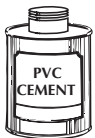


Tape Measure



MATERIALS NEEDED

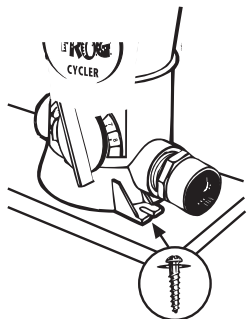
PVC Cement



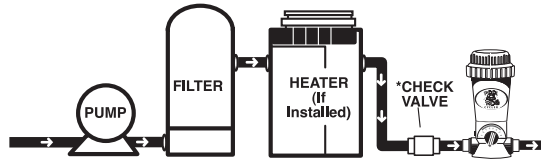
RECOMMENDED

Corrosion Resistant Check Valve

#10 x 1 1/4" Phillips Pan Head Screws with Washers



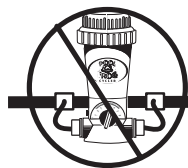
Use Phillips pan head screws through the mounting holes at the POOL FROG® Cyclor base to secure the POOL FROG® Cyclor into a treated wood base.



Install after all equipment and as far as possible from heater.



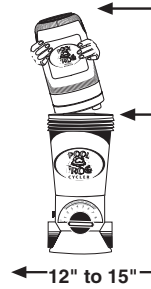
Do NOT install in copper pipe if using POOL FROG® Bac Pac as chemical corrosion occurs.



Do NOT install this POOL FROG® Cyclor off-line.



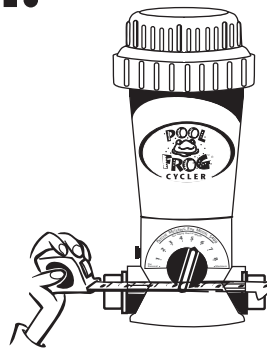
Bi-flow valve design allows water flow in either direction.



12" to 15"

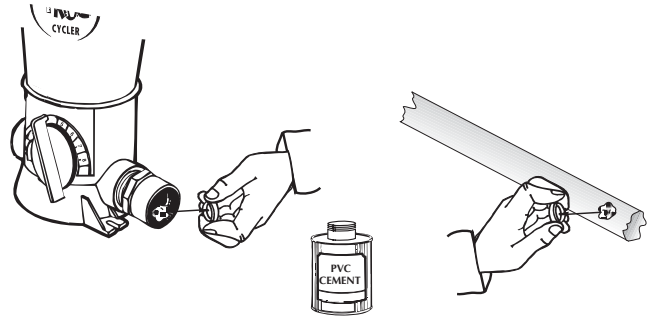
Leave 12" to 15" above and around POOL FROG® Cyclor to allow room for easy replacement of POOL FROG® Mineral Reservoir and POOL FROG® Bac Pac.

1.



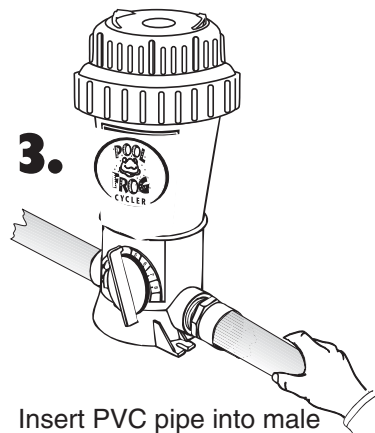
Measure the distance between POOL FROG® Cyclor male adapters and cut out a section of pipe 3" less than that dimension.

2.



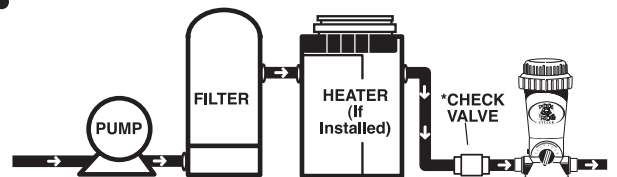
Following PVC cement directions brush PVC cement on the inside of the male adapters and to ends of the pipe.

3.



Insert PVC pipe into male adapters with a twisting action. Hold in place 5 to 10 seconds to bond.

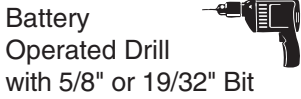
4.



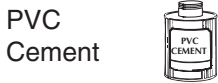
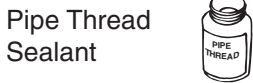
If using a POOL FROG® Bac Pac, isolating the POOL FROG® Cyclor by installing a corrosion resistant check valve is recommended.

Off-line Installation

TOOLS NEEDED

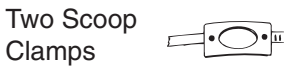
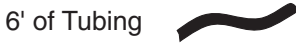
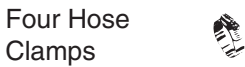
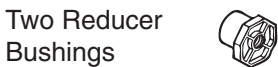
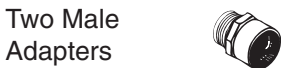


MATERIALS NEEDED



OFF-LINE KIT

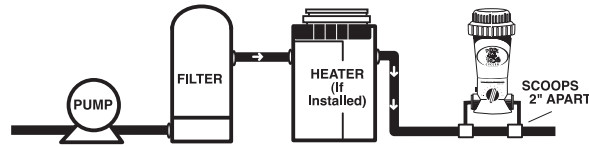
Included with the POOL FROG® Cyclor



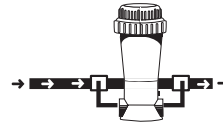
RECOMMENDED

Corrosion Resistant Check Valve

#10 x 1 1/4" Phillips Pan Head Screws with Washers

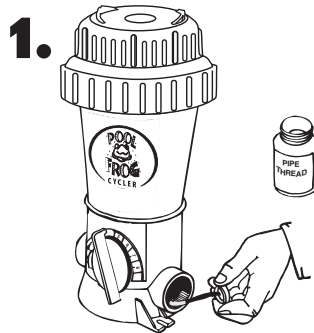


Install off-line when insufficient room for an in-line application. Install as far from heater as possible.



Do NOT install an off-line POOL FROG® Cyclor in-line as this POOL FROG® Cyclor is different than an in-line unit.

Can be installed with the water flow in either direction due to its bi-flow valve.



Following pipe thread sealant directions, brush sealant on to POOL FROG® Cyclor threads in both ports.



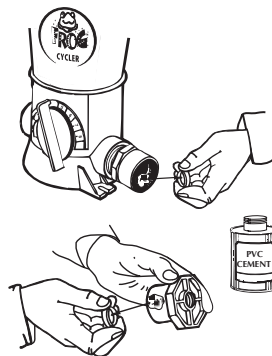
Brush sealant on threads of both male adapters.

DO NOT USE TAPE as the threads on these units are not suitable for this use and leaking or fitting failure could result.

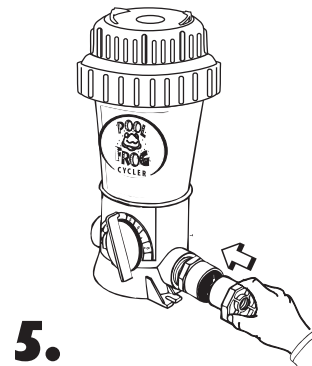


Screw a male adapter into each port of POOL FROG® Cyclor and hand tighten.

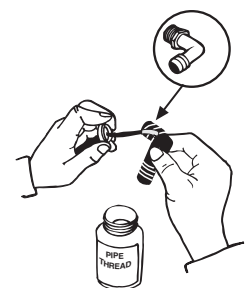
Completely tighten turning 1 to 2 revolutions with a wrench. **DO NOT OVER TIGHTEN.**



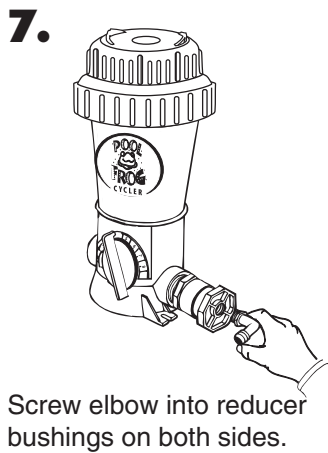
Following PVC cement directions, brush PVC cement on reducer bushings and inside of male adapters.



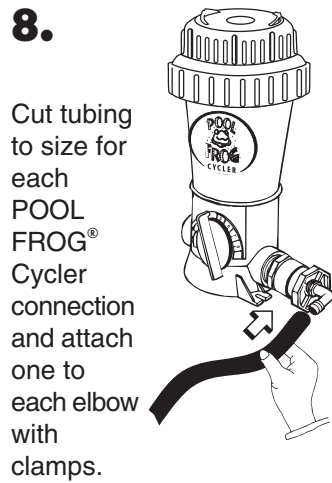
Insert reducer bushing into male adapter on both sides. Hold in place 5 to 10 seconds to bond.



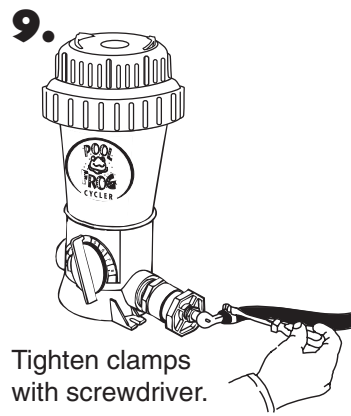
Following pipe thread sealant directions, brush sealant on to elbow threads.



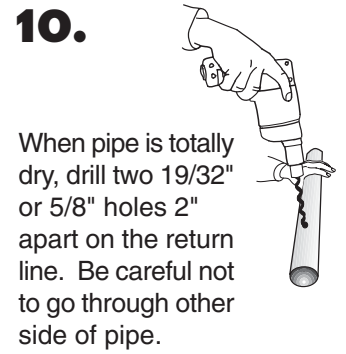
Screw elbow into reducer bushings on both sides.



Cut tubing to size for each POOL FROG® Cyclers connection and attach one to each elbow with clamps.



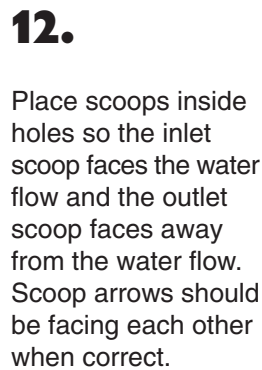
Tighten clamps with screwdriver.



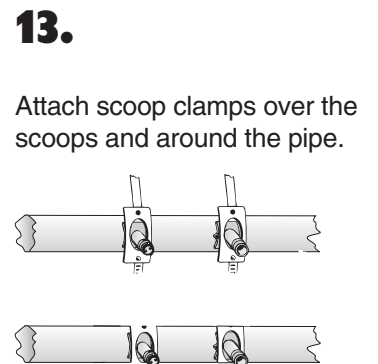
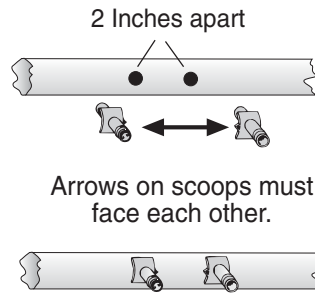
When pipe is totally dry, drill two 19/32" or 5/8" holes 2" apart on the return line. Be careful not to go through other side of pipe.



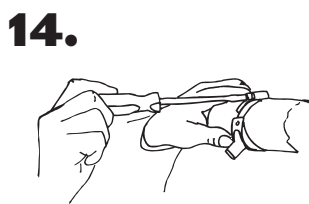
Attach a gasket to each scoop.



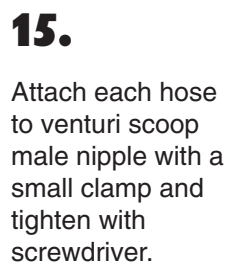
Place scoops inside holes so the inlet scoop faces the water flow and the outlet scoop faces away from the water flow. Scoop arrows should be facing each other when correct.



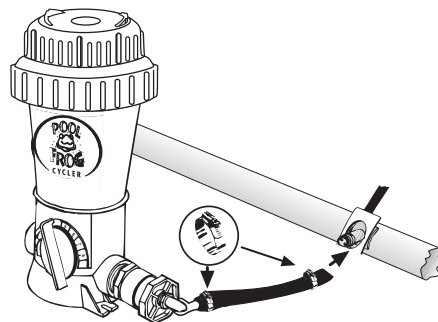
Attach scoop clamps over the scoops and around the pipe.



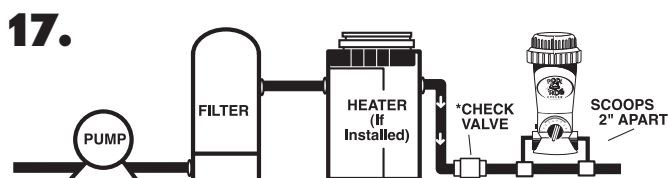
Tighten scoop clamps with a screwdriver.



Attach each hose to venturi scoop male nipple with a small clamp and tighten with screwdriver.



For best results use Phillips pan head screws through the mounting holes at the POOL FROG® Cyclers base to secure the POOL FROG® Cyclers into a treated wood base.



If using the POOL FROG® Bac Pac, isolating the POOL FROG® Cyclers by installing a corrosion resistant check valve is recommended.

For Proper Performance

1) Make sure back pressure is between 3 and 8 psi

Higher back pressures could result in over chlorination. Lower back pressures could result in under chlorination. Adjust eye ball fittings in the return jets to a larger size to decrease back pressure or smaller size to increase back pressure. Contact your dealer to have your back pressure tested to ensure it is between 3 and 8 psi.

2) Recommended flow rates for in ground unit is 20-80 gpm.

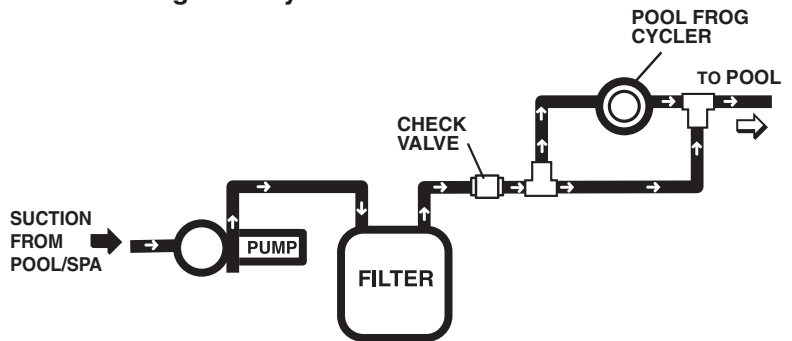
3) Determine possible high-flow situations that require a special installation such as:

- A. Water flow is higher than 80 gpm.
- B. In-floor cleaner is included with pool.
- C. Pool and spa combination with common equipment.

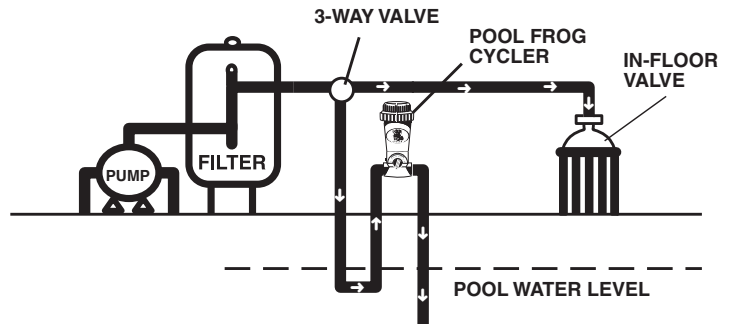
NOTE: Over chlorination or damage to the POOL FROG® Cyclor or other equipment could result if these special installations are not used in these situations.

A. With High GPMS

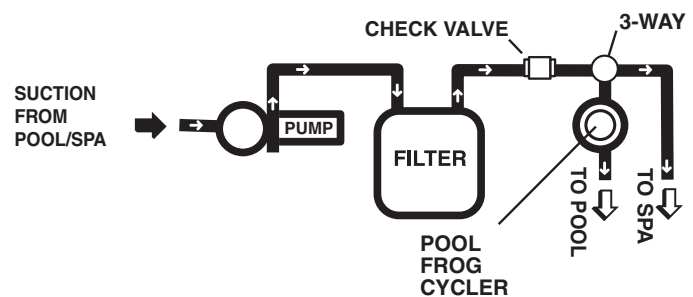
Install T-fittings exactly as shown.



B. With In-floor Cleaners



C. Pool and Spillover Spa Combination



POOL FROG® Cyclor Two-Year Limited Warranty

King Technology, Inc. warrants to the original purchaser this unit will be free from any defects in workmanship and/or material, for a period of two (2) years from the date of original purchase. This warranty covers body, cap and control dial, but specifically excludes o-rings. King Technology at its option may replace any defective parts or the entire unit without charge after it is determined what is needed to correct any deficiency. Replacement parts with the exception of o-rings are warranted for the remainder of the original warranty. To extend the limited warranty from two years to ten years, simply complete the warranty card that came with your unit and return it to King Technology within 30 days of purchase and installation.

1. To obtain warranty service, you must deliver the unit to King Technology or its nearest authorized dealer. Shipping expenses are the purchaser's responsibility. The name of the nearest authorized dealer can be obtained by writing or calling King Technology at the address and telephone number provided below. Proof of purchase is required when requesting warranty service. Purchaser must present the sales receipt or other documentation verifying proof of purchase.

2. This warranty does not cover defects caused by: Modification, alteration, repair or service of the unit contrary to the accompanying instructions; physical abuse to or misuse of the product or operation or installation in a manner contrary to the accompanying instructions. This warranty also excludes all costs arising from the installation, adjustment, removal or replacement of defective units or parts. This warranty also excludes any and all claims arising out of the chemicals used in the product or their characteristics.

3. CAUTION - Read carefully – Failure to follow these instructions will void the warranty. Do not add shock in or near skimmer.

A. This unit is not designed for shock treatment of pools. See your pool dealer or distributor for further information concerning shock treatments.

B. Control dial settings in excess of the recommended setting levels for trichlor can result in excess sanitizers being discharged into the pool. This can result in bleaching or discoloration of areas around the pool inlet or in some cases bleaching or discoloration of the entire pool liner or paint.

C. Excess trichlor in the pool can create health hazards to bathers. Consult each chemical manufacturer's warnings and cautions for specifics.

D. Misuse or failure to use the proper POOL FROG® Mineral Reservoir and POOL FROG® Bac Pac may cause damage to equipment or personal injury. This warranty will be null and void, if this unit is not used with the recommended POOL FROG® Mineral Reservoir and POOL FROG® Bac Pac.

4. This warranty is the exclusive warranty for the POOL FROG® Cyclor. This warranty is not transferable. **KING TECHNOLOGY MAKES NO REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, AS TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER MATTER CONCERNING THE POOL FROG® CYCLOR.** Any express warranty not provided herein, and any remedy for breach of contract but which for this provision might arise by implication or operation of law is hereby excluded and disclaimed. **THE EXCLUSIVE REMEDY FOR ANY CUSTOMER IS THE REPAIR OR REPLACEMENT OF THE UNIT, AND THE RECOVERY OF DAMAGES WILL NOT EXCEED THE PURCHASE PRICE OF THE UNIT. IN NO EVENT WILL KING TECHNOLOGY BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL OR PUNITIVE DAMAGES FROM ANY CAUSE.**

5. Under no circumstance shall King Technology be liable to purchaser or any other person for any damage or loss incurred because of any chemicals used in the product or their physical characteristics, or interruption of service of the product, or any resulting special, incidental or consequential damages or losses. Some states do not allow the exclusion or limitation of incidental consequential damages, so the above limitation or exclusion may not apply to you.



The Association of
Pool & Spa Professionals™

Made in U.S.A.

Covered by one or more of the following U.S. Patent Numbers: 4,662,387; 5,076,315; 5,218,983; 6,190,547; 6,210,566; 6,217,892; 6,383,507; 6,551,609; 6,652,871; 6,544,415 and other U.S. and Foreign Patents Pending.