

53735-11

11-23-2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

King Technology, Inc.
530 11th Avenue South
Hopkins, MN 55343

NOV 23 2010

Attention: Heather R. Bjornson, Technology Sciences Group, Inc.
Regulatory Consultant

Subject: Amendment – Pool Frog Mineral Reservoir
EPA Reg. No. 53735-11
Amendment Letter Dated October 4, 2010

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. The Agency approves the following Amendments to the label:

- Page one – Addition of the alternate brand name “Filter Frog.”
- Page two -
 - Addition of the alternate words {Technology} {Formula} + following the phrase {The Frog Mineral {System}}.
 - Addition of the phrase {The Frog Mineral {System} {Technology} {Formula} +.
 - The full word “Net” in the phrase “Net Wt.”
 - Addition of the website www.kingtechnology.com and the number 800-222-0168.
- Page three-
 - Addition of the heading “Disclosure Statements 1”.
 - Addition of the following phrase under the heading “Disclosure Statements 1...”: “FROG Mineral {System} {Technology} {Formula} consists of the FROG minerals silver chloride and carbonate used in conjunction with 0.5 ppm chlorine. The Pool Frog Mineral Reservoir {cartridge} must be used in conjunction with {the POOL FROG Bac Pac (EPA Reg. No. 53735-2)}, an EPA registered chlorine pool product or a chlorine delivery device.”
 - Addition of the heading “Disclosure Statements 2”.
 - Addition of the follow phrase under the heading “Disclosure Statements 2...”: “FROG Mineral {System} {Technology} {Formula} consists of the

FROG minerals silver chloride and carbonate used with 1.0 ppm bromine {or chlorine}. The Pool Frog Mineral Reservoir {cartridge} must be used in conjunction with {the SPA FROG Bromine Cartridge (EPA Reg. No. 53735-10),} an EPA registered bromine {or chlorine} spa product or a bromine {or chlorine} delivery device.”

- Page four –
 - The replacement of “an acceptable” for “a safe”
 - The addition of the terms “{System} {Technology} {Formula} +”.
 - The removal of the statements “*compared to the minimum EPA recommended chlorine level of 1.0 ppm for a stabilized swimming pool” and “the Pool Frog Mineral Reservoir”.
 - The addition of the phrases “such as the pool Frog Bac Pac (EPA Reg. No. 53735-2)” and the words “the” and “{System} {Technology} {Formula}+”.
 - The removal of the phrase “with reduced chlorine levels.”
 - The replacement of the word “irritations” with the word “problems”.
 - The removal of the phrases “red stinging eyes, dry itchy skin”, “was never so”, and “This product must only be used inside the Frog Cyclor and never be used alone but always supplemented with a source of chlorine.”
 - The minor word replacements under the subheadings “Directions for Use with chlorine Bac Pac EPA Reg. No. 53735-2” and “Directions for Use with Alternate Source of Chlorine” are approved by the Agency.
- Page five –
 - The removal of the following words or phrases: “a safe”, “*compared to the minimum EPA recommended chlorine level of 1.0 ppm for a stabilized swimming pool”, “irritations”, “red stinging eyes, dry itchy skin”, “was never so”, and “This product must never be used alone but always supplemented with a source of chlorine.”
 - The addition of the following words or phrases: “2”, “an acceptable”, “{System} {Technology} {Formula} +”, “the” “problems.”
- Page six –
 - The removal of the following words or phrases: “a safe”, “*compared to the minimum EPA recommended chlorine level of 1.0 ppm for a stabilized swimming pool”, “red stinging eye, dry itchy skin”, “was never so”, and “This product must never be used alone but always supplemented with a source of chlorine.”
 - The addition of the following words or phrases: “3”, “an acceptable”, “{System} {Technology} {Formula} +”, “the”, “Minerals {System} {Technology} {Formula} +”, “problems.”
- Page seven –

- Removal of the following words or phrases: “a safe”, “red stinging eyes, dry itchy skin”, and “This product must never be used alone but always supplemented with a source of bromine {or chlorine}.”
 - Addition of the following words or phrases: “4”, brackets around the words “In-Line Systems, or the, and Floating System, “an acceptable”, “the”, “{System} {Technology} {Formula} +.”
- Page eight –
 - Removal of the following words or phrases: “a safe”, “red stinging eyes, dry itchy skin”, and “This product must never be used alone but always supplemented with a source of bromine {or chlorine}.”
 - Addition of the following words or phrases: “5”, “an acceptable”, “the”, {System} {Technology} {Formula} +”, “problems.”
- Page nine –
 - Addition of the numbers 1 and 2.
- Page ten –
 - Addition of the following words or phrases: “1”, “{Mineral Reservoir}”, and “{Replacing} {Using}”.
- Page eleven –
 - Addition of the phrase “{10} {5} or {On}” in several places. Also, the addition of minor grammatical adjustments throughout the page.
- Page twelve –
 - Removal of the phrase, “To remove bac pac colored caps, grab onto the lip of one cap with pliers and pull up until cap releases. Repeat the process for the other cap.”
 - Addition of the following phrases: “{Pool Frog Bac Pac for use in ground and above ground systems}”, “{Pool Frog Pac 540C for use in the XL Pro Chlorine Cyclor}”, “{Pool Frog Pac 610C for use in the dual 25K chlorine cyclor {Pool Frog Twin}}”, {Chlorine pacs} are”, “Open Pac, 12a Pool Frog Bac Pac. For Bac Pac, remove colored tabs by grabbing on to the lip of one cap and pulling up until cap releases. Repeat the process for the other cap. 12b. Pool Frog Pac 540C and 610C. For 540C and 610C pacs, find the indent in the plastic handle and cut using a 2”PVC cutter or hacksaw. Either way, make sure the blade comes straight across on the indent line for a clean cut. If openings are pinched together, open with fingers or re-cut closer to the colored screens inside the Pool Frog Pac. Leave at least ¼” of plastic to fit into the Pool Frog Cyclor.”, “13. {Turn bac pac over} {invert pac}”, “14. Insert Pac into Cyclor. 14a. Pool Frog Bac Pac. For Bac Pac, line up... 14b. Pool Frog Pac 540C and 610A. For 540C or 610C line up the openings in the pacs with the keys in the pool Frog Chlorine Cyclor. Note; Openings are a different shape than keys. Lower pac until secure.”, “16. The chlorine pacs are made of HDPE

plastic. Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Rinse thoroughly before recycling or discarding in trash", "17".

- Page thirteen –
 - The Agency approves the alternate wording as well as the addition of the term "Start-up and Operation".
- Page fourteen –
 - The Agency approves the addition of "{Maximum}, Setting {10} {5} or {On}".
- Page fifteen –
 - The agency approves the addition of the number "2".
- Page seventeen –
 - Removal of the following terms: "unique" and "exclusive".
 - Addition of the following terms: "patented", "proprietary", "The Frog Mineral {System} {Technology} {Formula} + continuously works..."
- Page nineteen –
 - Removal of the following terms: "unique", "exclusive", and "Frog has the only minerals..."
 - Addition of the following terms: "patented", "proprietary", "The Frog Mineral {System} {Technology} {Formula} + continuously works..." and, "{Do not use a non-chlorine shock.}"
- Page twenty one –
 - Removal of the following terms: "unique", "exclusive", and "Frog has the only minerals..."
 - Addition of the following terms: "patented", "proprietary" and, "The Frog Mineral {System} {Technology} {Formula} + continuously works..."
- Page twenty five –
 - Addition of the number 6 in the Heading "Operational Instructions 6 for Filter Spa Product" and the phrase, "Note: Bromine {or chlorine} levels are lower only when used with the Frog Mineral {System} {Technology} {Formula} +."
- Page twenty six –
 - Addition of the phrase "Non-refillable container. No not reuse or refill this product."
- Page twenty seven –

- Removal of the following words or phrases: “Pool Cartridge, Skimmer Application and Pool Cartridge used in Floating System”, “irritations”, “Reduces red eyes, and Soft Skin” and, “Mineral.”
- Addition of the following words or phrases: “{System} {Technology} {Formula} + improves swimming pool pleasure by reducing the problems associated with chlorine”, “Pool Care” and, “contains minerals that help to {control} {destroy} bacteria.”
- Page twenty eight –
 - Removal of the terms “Pool, irritations, red stinging eyes, and dry itchy skin.”
 - Addition of the following words or phrases:
 - Less work with pre-filled disposable cartridges.
 - Relaxation and peace of mind.
 - {chlorine} {bromine}
 - [for pools]
 - Pool Frog Mineral reservoir is a mineral system using a pre-filled bromine cartridge that meets the EPA requirements to lower previously approved safe bromine levels by up to 50%.* [for spas]
 - With standard bromine {or chlorine} products for spas and hot tubs, EPA has NOT approved a bromine {or chlorine} level of 1.0 ppm without using minerals.
 - The Frog Mineral {System} {Technology} {Formula} + destroys bacteria so less {chlorine} {bromine} is needed for complete {pool} {spa} care.
 - Minerals help destroy bacteria so less {bromine} {or chlorine} is needed for complete spa care.
 - Lowers {chlorine} {bromine} {usage} {use}
 - Reduces {chlorine} {bromine} consumption
 - The Frog Mineral {System} {Technology} {Formula} + reduces the chloramines and its effects.
 - For softer water with a crystal clear shine.
 - The Frog Mineral {System} {Technology} {Formula}+ reduces the problems associated with {chlorine} {bromine} like {faded} {fading} swimsuits
 - {spa}.
- Page twenty nine –
 - The removal of the following words or phrases:
 - Destroying bacteria for improved clarity.
 - Calcium and “a safe”.
 - (*compared to the minimum EPA approved level of 1.0 for a stabilized swimming pool).
 - The addition of the following words or phrases:
 - With Pool Frog Mineral Reservoir your spa will have the feel of a hot spring in the Rocky Mountains cascading over your tired limbs and soothing your muscles.

- Addition of the following optional text:
 - Pool Frog Mineral Reservoir transforms your spa into the perfect environment for soothing relaxation.
 - The perfect spa environment.
 - Makes water brilliantly clear {and soft} [EPA Reg. No.:57712-5]
 - Restores water clarity [EPA Reg. No.:57712-5]
 - The Frog Mineral {System} {Technology} {Formula}+ conditions water for extra softness
 - How Frog Mineral {System} {Technology} {Formula}+ Works
 - Complete mineral spa care works in all spas *. (*Any spa can take advantage of a complete system including the Pool Frog Mineral Reservoir used with the Spa Frog Bromine Cartridge.)
 - Silver plus 1.0 ppm bromine {or chlorine} is an effective as 2.0 ppm of bromine {or chlorine} alone.
 - Pool Frog Mineral Reservoir works together with very low levels of {bromine} {or chlorine} to control bacteria, condition the water, and help neutralize pH.
 - The Frog Mineral {System} {Technology} {Formula} + provides silver to help destroy... to help keep the pH in an acceptable range without monitoring.
- Page thirty one continued to page thirty two -
 - Removal of the phrase "Get down Mineral Technology Only from Frog."
 - Addition of the following phrases:
 - {Bac Pac}{Pool Frog Mineral {System} {Technology} {Formula} +.
 - ... {a} {the appropriate} {chlorine} {Bac} Pac {for your system}
 - ... {Maximum} Setting {10} {5} or {On} depending on your Pool Frog System. {No adjustments necessary.}
 - ... {the appropriate Frog product as directed in the product instructions}.
 - [Other Optional Text]
 - Special Offer Inside
 - See Inside of Special Offer
 - ...for use in Model.
 - The Series numbers
 - Contents:
 - # Pool Frog Mineral Reservoirs
 - # Pool Frog Bac Pacs
 - Free Frog Test Strips (\$\$ Value)
 - \$\$ Mail-in Coupon for this purchase
 - \$\$ Mail-in Coupon for Frog Test Strips
 - \$\$ Main-in coupon for Frog BAM
- Page thirty three –
 - Removal of the following words or phrases:

- Irritations
 - Reduces red eyes, soft skin
 - {Mineral Pool Care – Instantly
 - {We call it mineral Pool Care Instantly because it goes to work as soon as you place Instant Frog in the skimmer.}
 - {Up to 50%* Chlorine Reduction with Pool Frog Mineral System}
 - {The Frog System destroys bacteria}
 - Addition of the following words or phrases:
 - [Additional}
 - Frog Mineral {System} {Technology} {Formula} + improves swimming pool pleasure by reducing the problems...
 - Frog Splash contains minerals that help...
- Page thirty four –
 - Removal of the following words or phrases:
 - [Copy for Spa Cartridge and Filter Spa Product packaging and labeling]
 - Floats in Any Spa
 - *Compared to the minimum ANSI recommended bromine {or chlorine} level of 2.0 ppm for a spa.
 - Cuts Maintenance Time
 - Water feels softer with a crystal clear shine
 - Less work with no daily dosing of minerals or bromine {or chlorine}
 - Relaxation and peace of mind
 - For use in the Floating System
 - Minerals make a difference you can see and feel
 - Using less bromine {or chlorine} helps reduce odors
 - Reduces bromine {or chlorine} use up to 50%*
 - Cuts bromine {or chlorine} use up to 50%*
 - Addition of the phrases, “Works in all spas” and “For Use in the Automatic In-Line System Only.”
 - Page thirty five –
 - Removal of the following phrases:
 - Water feels softer with a crystal clear shine
 - Minerals make a difference you can see and feel.
 - Addition of the following phrases:
 - Soft skin
 - Pleasant feeling skin
 - Soft skin through neutral pH
 - Silky smooth feeling
 - Silky smooth feeling skin
 - Soft water
 - Soft water resulting in silky smooth feeling skin
 - Soft feeling water that’s easier on your skin

- Silky feeling water that comes from water softness
 - Helps maintain a neutral pH to provide silky water and smooth skin
- Page thirty six and thirty seven –
 - Addition of the following optional text:
 - \$5 Rebate with the purchase of Frog Test Strips
 - Purchase must include 1 Frog Test Strips (50 ct) from any participating store.
 - FROG Test Strips \$5 Rebate
 - Free Frog Test Strips Inside
 - See side panel for \$5 Rebate on New Frog Test Strips
 - Save \$10 when you try the complete Spa Frog Floating System
 - Get \$10 back when you purchase a Spa Frog Floating System for mineral and bromine spa care that keeps water clean and crystal clear.
 - Purchase from any participating Frog retailer (no on-line sales). See www.kingtechnology for a retailer in your area.... (no copies of facsimiles) showing the purchase of {product name} to King Technology {name of rebate} {submittal address}.
 - {no later than } {and offer expires} {date}.
 - This is a mail in rebate only. This is NOT {valid in store}... Limit: one {name of rebate}... This is a one time offer.
 - See details on back
 - {I am using FROG Test Strips with the (check one)}
 - Pool Frog above Ground System
 - Pool Frog in Ground System
 - Spa Frog Floating System
 - Spa Frog In-Line System
 - Please allow 6-8 weeks for delivery of rebate check.
 - Removal of the following text:
 - SPA FRPG REBATE address
- Page thirty eight –
 - Removal of all text from page thirty eight.
- Page thirty nine –
 - Removal of the first ten lines of page thirty nine. Removal of the phrases “Get Down Mineral technology Only From Frog” and “Reduces odors.”
 - Addition of the phrase “[Simple instructions for spa cartridge used in Floating System].
- Page forty one and forty two –
 - Removal of the following phrases:
 - Get Down Mineral Technology
 - Irritations, red eyes, dry skin or

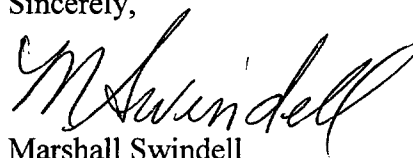
- *Compared to the minimum EPA recommended chlorine level of 1.0 ppm for a stabilized swimming pool or the minimum ANSI recommended bromine level of 2.0 ppm for a spa.
- [Copy Filter Spa Product packaging and labeling]
- Water feels softer and looks crystal clear
- Lasts four full months
- Addition of the term “problems”
- The Agency has noted several spelling or grammatical errors in the label, these should be corrected before final printing.

In addition the Agency requires the removal of the phrases “Frog Mineral {System} {Technology} {Formula} + contains minerals from nature” and “Frog Mineral {System} {Technology} {Formula} + contains silver from nature” from page twenty nine.

A stamped copy of the accepted labeling is enclosed. Submit three copies of your final printed labeling to the Agency before distributing or selling the product bearing the revised labeling.

If you have any questions concerning this letter, please contact Abigail Downs at (703) 305-5259.

Sincerely,



Marshall Swindell
Product Manager (33)
Regulatory Management Branch I
Antimicrobials Division (7510P)

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[Alternate Brand Name: Aqua Smarte Mineral Reservoir]
[Alternate Brand Name: Instant Frog]
[Alternate Brand Name: Spa Frog]
[Alternate Brand Name: Spa Frog Mineral Spa Care]
[Alternate Brand Name: Spa Frog Mineral Cartridge]
[Alternate Brand Name: Spa Frog Floating System]
[Alternate Brand Name: Pool Frog Mineral Cartridge]
[Alternate Brand Name: Filter Frog]

Under the Federal Insecticide,
Fungicide, and Rodenticide Act a.
amended, for the pesticide,
registered under EPA Reg. No
53735-11

[Front Panel]

POOL FROG MINERAL RESERVOIR

PATENTED MINERAL {POOL} {SPA} {SANITIZER} {DISINFECTANT}

{The Complete Low Chlorine Alternative+}
{The Complete Low Bromine {or Chlorine} Alternative+}

{The Frog Mineral {System} {Technology} {Formula}+ reduces {chlorine} {bromine} use up to 50%*}
{Up To 50%* Chlorine Reduction with Pool Frog Mineral System}
{Up to 50% reduction in {bromine} or {chlorine} use*}

{Eliminates daily dosing for less work}

{The Frog Mineral {System} {Technology} {Formula}+ Improves Water Quality By:}

- {Destroying bacteria for improved clarity}
- {Helping to maintain a neutral pH}
- {Reducing {chlorine} {bromine} use for softer water}

{Frog now comes with water polishers for easier pool start up.} {Now with Start-Up Water Polishers}

ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV 23 2010

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
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registered under EPA Reg. No.

KEEP OUT OF REACH OF CHILDREN

53735-11

CAUTION

{See {Side Panel or} Enclosed {Product Label and} Instruction Manual for Complete Directions for Use}

Active Ingredient:

Silver Chloride ----- 0.5%

Other Ingredients: ----- 99.5%

Total: ----- 100.0%

Net Wt.: _____ {lbs} {oz} {grams}

EPA Reg. No.: 53735-11

EPA Est. No.: 071209-AZ-001

Manufactured by: King Technology, Inc., 530 11th Ave. South, Hopkins, MN 55343
{www.kingtechnology.com 800-222-0169}

[Disclosure Statements 1 for Pool Cartridge, Skimmer Application and Pool Cartridge used in Floating System]

+ FROG Mineral {System} {Technology} {Formula} consists of the FROG minerals silver chloride and carbonate used in conjunction with 0.5 ppm chlorine. The Pool Frog Mineral Reservoir {cartridge} must be used in conjunction with {the POOL FROG Bac Pac (EPA Reg. No. 53735-2)}, an EPA registered chlorine pool product or a chlorine delivery device.

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

[Disclosure Statements 2 for Spa Cartridge and Filter Spa Product]

+ FROG Mineral {System} {Technology} {Formula} consists of the FROG minerals silver chloride and carbonate used with 1.0 ppm bromine {or chlorine}. The Pool Frog Mineral Reservoir {cartridge} must be used in conjunction with {the SPA FROG Bromine Cartridge (EPA Reg. No. 53735-10),} an EPA registered bromine {or chlorine} spa product or a bromine {or chlorine} delivery device.

*Compared to the minimum ANSI recommended {bromine} or {chlorine} level of 2.0 ppm for a spa.

ACCEPTED
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[Product Description 1 and Directions for Use for Pool Cartridge]

Product Description: The Pool Frog Mineral Reservoir is the heart of an advanced pool care system that destroys bacteria. The patented mineral formula in the Pool Frog Mineral Reservoir also neutralizes acids, which helps keep the pH in an acceptable range with less monitoring. The controlled release of minerals provides an optimum level of protection in your pool. The Frog Mineral {System} {Technology} {Formula}+ reduces chlorine use up to 50%*. Simply use with at least 0.5 ppm of an EPA registered source of chlorine such as the Pool Frog Bac Pac (EPA Reg. No. 53735-2) or a chlorine delivery device. Using the Pool Frog Mineral {System} {Technology} {Formula}+ improves swimming pool pleasure by reducing the problems associated with chlorine including faded bathing suits, premature damage to pool equipment or surfaces and smelly odors. With the Pool Frog Mineral Reservoir, pool care is easy and effective. Once wetted, the time-released mineral coating of this product is effective up to 6 consecutive months or one pool season whichever is shorter. After that time, even if upon shaking you hear the spent media inside, it is no longer effective and must be replaced. Mark the calendar with stickers provided to replace this product.

Replace the Pool Frog Mineral Reservoir after 6 months.

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Directions For Use with chlorine Bac Pac EPA Reg. No. 53735-2: For use in { in-ground} {above ground} pools up to {20,000} {25,000} {30,000} {35,000} {40,000} gallons. For a complete system, use this product inside the Cyclor along with the chlorine Bac Pac. This product is compatible with pool chemicals except biquinides and bromine. Before inserting the Pool Frog Mineral Reservoir as the pool maintenance product, balance the pH to between 7.2 and 7.8 and total alkalinity between 60-120 ppm and shock the pool with a chlorine shock per the manufacturer's directions. Then follow the directions below:

1. Turn circulation pump off, turn control dial to {Pac Removal}, Setting {0} or {Off} depending on your model and remove cap from Cyclor.
2. Line up slot on the side of the Pool Frog Mineral Reservoir with the fin inside the Cyclor and lower into the Cyclor.
3. If using the chlorine Pac, insert into the center of this product according to the directions on its label then replace the cap on the Cyclor and turn pump back on. Set the control dial on the Cyclor per the size and pump run time of your pool according to the chart in the manual.

Directions for Use with Alternate Source of Chlorine: If using an alternative EPA registered source of chlorine, follow steps 1 and 2 above then replace the Cyclor cap, set the control dial to {Maximum}, Setting {10} {5} or {On} depending on your model and turn pump back on. Maintain recommended chlorine levels of at least 0.5 ppm in the pool.

DO NOT USE ANY OTHER PAC OR BULK CHEMICAL INSIDE THE MINERAL RESERVOIR. DAMAGE TO THE RESERVOIR, POOL OR OTHER EQUIPMENT COULD RESULT.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV 23 2010
Under the Federal Insecticide,
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[Product Description 2 and Directions for Use for Skimmer Application]

Product Description: Pool Frog Mineral Reservoir destroys bacteria. The patented mineral formula in the Pool Frog Mineral Reservoir also neutralizes acids, which help keep the pH in an acceptable range with less monitoring. The controlled release of minerals provides optimum protection in the pool. The Frog Mineral {System} {Technology} {Formula}+ reduces chlorine use up to 50%*. Use Pool Frog Mineral Reservoir with at least 0.5 ppm of an EPA registered source of chlorine or a chlorine delivery device. Using the Frog Mineral {System} {Technology} {Formula}+ with reduced chlorine levels improves swimming pool pleasure by reducing the problems associated with chlorine including faded bathing suits, premature damage to pool equipment or surfaces and smelly odors. With Pool Frog Mineral Reservoir, pool care is easy and effective. Once wetted, the time-released mineral coating of this product is effective up to 6 consecutive months or one pool season whichever is shorter. After that time, even if upon shaking you hear the spent media inside, it is no longer effective and must be replaced.

Replace the Pool Frog Mineral Reservoir after 6 months.

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Directions for Use: For in-ground pools up to 25,000 gallons. This product is compatible with pool chemicals except biquinides and bromine. Before using Pool Frog Mineral Reservoir as the pool maintenance product, balance the pH to between 7.2 and 7.8 and total alkalinity between 60-120 ppm and shock the pool with a chlorine shock per the manufacturer's directions. Then follow the directions below:

1. Set reminder dial on Pool Frog Mineral Reservoir to 6 months from date of installation. Turn dial by hand or with a coin if needed.
2. Remove skimmer cover.
3. Remove skimmer basket handle if necessary and {insert} {drop} Pool Frog Mineral Reservoir into the skimmer basket.
4. If using Pool Frog Mineral Reservoir with a suction side automatic cleaner installed through the skimmer, it will be necessary to use a vac plate that may come with the skimmer or automatic cleaner.
5. Once installed, maintain recommended chlorine levels of at least 0.5 ppm in the pool by using an EPA registered source of chlorine approved specifically for swimming pools or a chlorine delivery device.

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[Product Description 3 and Directions for Use for Pool Cartridge used in Floating System]

Product Description: The Pool Frog Mineral Reservoir destroys bacteria while the patented mineral formula also neutralizes acids which helps keep the pH in an acceptable range with less monitoring. The controlled release of minerals provides an optimum level of protection in your pool. The Frog Mineral {System} {Technology} {Formula}+ reduces chlorine use up to 50%*. Simply use the Pool Frog Mineral Reservoir with at least 0.5 ppm of an EPA registered source of chlorine or a chlorine delivery device. Using the Pool Frog Mineral {System} {Technology} {Formula}+ with reduced chlorine levels improves swimming pool pleasure by reducing the problems associated with chlorine including faded bathing suits, premature damage to pool equipment or surfaces and smelly odors. With the Pool Frog Mineral Reservoir, pool care is easy and effective.

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Directions for Use: For use in small above ground pools up to 4000 gallons. Use this Pool Frog Mineral Reservoir with the Pool Frog Chlorine Cartridge in the Frog Splash System. Ensure all equipment is working properly according to the pool manufacturer. For best results, balance pH to between 7.2 and 7.8.

Setting Pool Frog Mineral Reservoir: While holding the bottom of the cartridge, turn the top until the number 6 appears in the setting window.

Using the Frog Splash System: Push the Pool Frog Mineral Reservoir into the bottom opening of the floating Frog Splash System. For best results, insert the Pool Frog Chlorine Cartridge (EPA Reg. No. 53735-2) into the other opening. Set entire system in the pool water.

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[Product Description 4 and Directions for Use for Spa Cartridge]

For use in the {In-Line System} {or the} {Floating System}

Product Description: The Pool Frog Mineral Reservoir contains a patented mineral formula that destroys bacteria while neutralizing acids, which helps keep the pH in an acceptable range with less monitoring. Using the Frog Mineral {System} {Technology} {Formula}+ with reduced levels of bromine {or chlorine} improves spa pleasure {by reducing the problems associated with bromine {or chlorine} including faded bathing suits, premature damage to spa equipment or surfaces and smelly odors}.

Replace the Pool Frog Mineral Reservoir after 4 months or when draining and refilling spa with fresh water.

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Directions for Use: For use in spas up to 600 gallons. Use this Pool Frog Mineral Reservoir with the Spa Frog Bromine Cartridge in {either} the {In-Line System} or {Floating System}. Ensure all spa equipment is working properly. The pump and filter should be operated at least 3 hours per day. Clean filter following manufacturer's directions. Adjust pH to between 7.2 – {7.6} {7.8}. With a freshly filled spa, establish a bromine or chlorine residual of 1.0-2.0 ppm with an EPA approved spa shock or by other means. Always maintain a bromine {or chlorine} residual of at least 1.0 ppm. Shock spa once a week or as needed. When using other products as outlined in directions for this product, always follow directions on those products. Keep the spa free of leaves and debris.

Setting Pool Frog Mineral Reservoir: While holding the bottom of the cartridge, turn the top until the number 6 appears in the setting window. This cartridge may be used in one of the following applications:

{Using the In-Line System: Open cap of In-Line System. Push down and turn cartridge holder counter-clockwise to unlock. Pull holder out. Snap the Pool Frog Mineral Reservoir into the area marked "Minerals" (top portion) making sure to line up the indentation near the top of the cartridge with the raised line on the holder. For best results insert the SPA FROG Bromine Cartridge (EPA Reg. No. 53735-10) in the area marked "Bromine" (bottom portion). When cartridge is snapped in, replace holder by lining up arrow on handle with arrow on system lip, push down and lock in place. Replace cap.}

{Using the Floating System: Push the Pool Frog Mineral Reservoir into the bottom opening of the floating Spa Frog system. For best results insert the Spa Frog Bromine Cartridge (EPA Reg. No. 53735-10) into the other opening. Set entire system in the spa water.}

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[Product Description 5 and Directions for Use for Filter Spa Product]

Product Description: Pool Frog Mineral Reservoir contains a patented mineral formula that destroys bacteria while neutralizing acids, which helps keep the pH in an acceptable range with less monitoring. Using the Frog Mineral {System} {Technology} {Formula}+ with reduced levels of bromine {or chlorine} improves spa pleasure {by reducing the problems associated with bromine {or chlorine} including {faded} {fading} bathing suits, premature damage to spa equipment or surfaces and smelly odors}.

Replace Pool Frog Mineral Reservoir after 4 months or when draining and refilling spa with fresh water.

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Directions for Use: For use in spas up to 600 gallons. Ensure all spa equipment is working properly. The pump and filter should be operated at least 3 hours per day. Clean filter following manufacturer's directions. Adjust pH to between 7.2 – {7.6} {7.8}. With a freshly filled spa, establish a bromine or chlorine residual of 1.0-2.0 ppm with an EPA approved spa shock or by other means. Always maintain a bromine {or chlorine} residual of at least 1.0 ppm. Shock spa once a week or as needed. When using other products as outlined in directions for this product, always follow directions on those products. Keep the spa free of leaves and debris.

Installing Pool Frog Mineral Reservoir: {Set reminder dial to four months from month of installation. Turn dial by hand or with a coin if needed.} {Mark your calendar with enclosed reminder sticker for the 4 month replacement date.} {Set for 4 mos} Place Pool Frog Mineral Reservoir in one of the following locations:

- a. Majority of Spas: insert Pool Frog Mineral Reservoir inside filter cartridge core. Do not allow product to sit too low in the filter. If blocking water flow, install in filter well. If installed inside a standpipe, attach a string to the {handle on top} {Frog head handle} for easy removal.
- b. High Flow Spas: on skimmer filters with 2.5 HP or larger pump motors, place Pool Frog Mineral Reservoir in filter well outside the filter cartridge.
- c. Small Cartridge or Other Spas: place Pool Frog Mineral Reservoir in skimmer tray.

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[Disposal Statement 1 for Pool Cartridge, Skimmer Application and Pool Cartridge used in Floating System]

Disposal: After six months of use, discard Pool Frog Mineral Reservoir in trash even if it appears there is spent media left inside. Non-refillable container. Do not reuse or refill this container. {Do not attempt to reuse the [{Reservoir} {cartridge} once removed from the {Frog Cyclor} {skimmer} {floating Frog system.} In the unlikely event that a Reservoir should break and release raw minerals into the pool - vacuum out.

[Disposal Statement 2 for Spa Cartridge and Filter Spa Product]

Disposal: After four months of use, or when draining and refilling the spa with fresh water, discard Pool Frog Mineral Reservoir in trash even if, upon shaking, it appears there is spent media left inside. Once wetted the time released minerals in the cartridge are effective up to four months. Non-refillable container. Do not reuse or refill this container. {Do not attempt to reuse the product once removed from the spa.}

{NOTICE: Neither King Technology, Inc. nor the seller of this product can accept any responsibility where the product is not used according to directions and for the manner in which it was intended.}

{NOTE: Buyer assumes all responsibility for safety and use not in accordance with directions. }

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[Operational Instructions 1 for Pool Cartridge]

POOL FROG Mineral Reservoir: Patented Mineral Pool {Sanitizer} {Disinfectant}

Operational Instructions

**REPLACE {Mineral Reservoir} EVERY 6 MONTHS OR
AFTER ONE POOL SEASON WHICHEVER IS SHORTER.**

Swimming Pool Tips

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

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3. If your fill water is high in metals, use a sequestering agent or metal out product at start up only before using the mineral reservoir. See your local dealer for details on using these products and always follow manufacturer's 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 you 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.

{Replacing} {Using} a POOL FROG Mineral Reservoir, {FROG BAM} and Bac Pac

1. Check the {top} {front} of the box {and back label of product} to make sure you have the correct POOL FROG Mineral Reservoir to fit your POOL FROG Cycler. {The colored barcode will indicate if it fits in ground versus above ground.} {Above Ground Series XXXX or In Ground Series XXXX for use with Cycler Models XXXX and XXXX.}

**THE POOL FROG MINERAL RESERVOIR MUST BE REPLACED EVERY 6 MONTHS OR
AFTER ONE POOL SEASON WHICHEVER IS SHORTER.**

2. {If you have determined you have the right mineral reservoir,} open the box and remove the POOL FROG MINERAL RESERVOIR.

IMPORTANT: Remove and read the inserted information card.

CAUTION read carefully –

USE ONLY the factory recommended replacement POOL FROG Mineral Reservoir, {FROG BAM} and Bac Pac. DO NOT USE any other pac or bulk chemical tablets in the cycler. Use of any other product could result in damage to pool equipment or surface, unsafe pool conditions, fire or explosion. Warranty will be void if the correct POOL FROG Mineral Reservoir, {FROG BAM} and Bac Pac are not used.

3. Turn off pump and turn dial to {Pac Removal}, Setting {0} or {Off} depending on the model.
4. Open cap, if using bac pac stand back to avoid inhaling chlorine fumes.
5. Find slot on side of POOL FROG Mineral Reservoir and line up with fin inside the cycler. Lower POOL FROG Mineral Reservoir into cycler until secure.

{USING FROG BAM FOR AN ALGAE-PROTECTION GUARANTEE

(If you are not using FROG BAM proceed to Step 12.)

For a preventative dose, add one FROG BAM for pools up to 15,000 gallons or two FROG BAM for pools between 15,000 and 30,000 gallons.

See FROG BAM product labeling for complete directions for use (EPA Reg. No. 53735-9).

6. Remove cap from FROG BAM without removing seal.
7. Insert upside down into center of POOL FROG Mineral Reservoir pushing down firmly on key to puncture seal.
8. Replace cap by hand only. DO NOT OVER TIGHTEN. Turn control dial on cycler to {Maximum}, Setting {10} {5} or {On} depending on the model.
9. Turn pump on for 90 minutes allowing FROG BAM to circulate through pool.
10. To remove FROG BAM, turn pump off, turn dial to {Pac Removal}, Setting {0} or {Off} depending on the model, remove cycler cap.
11. Lift FROG BAM up and allow any water in the container to drain through the cycler before discarding in trash.

NOTE: If water shows more than a hint of blue inside cycler, replace the cycler cap, turn dial to {Maximum}, Setting {10} {5} or {On} and run the pump for one minute.

- 11a. If pool size requires additional FROG BAM, repeat steps 6-11.
- 11b. When water is clear in cycler, proceed to step 12. }

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USING THE {BAC PAC} {Chlorine Pac}

{Pool Frog Bac Pac for use in the in ground and above ground systems}

{Pool Frog Pac 540C for use in the XL Pro Chlorine Cycler}

{Pool Frog Pac 610C for use in the dual 25K chlorine cycler {Pool Frog Twin}}

12. {Bac Pac} {Chlorine pacs} are recommended to assure up to 50%* reduction in chlorine use.
Pacs sold separately. (EPA Reg. No. 53735-2)

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

Avoid sparks, open flame or smoking when handling the bac pac.

Open Pac

12a. Pool Frog Bac Pac

For Bac Pac, remove colored tabs by grabbing on to the lip of one cap and pulling up until cap releases. Repeat the process for the other cap.

12b. Pool Frog Pac 540C and 610C

For 540C and 610C pacs, find the indent in the plastic handle and cut using a 2"PVC cutter or hacksaw. Either way, make sure the blade comes straight across on the indent line for a clean cut. If openings are pinched together, open with fingers or re-cut closer to the colored screens inside the Pool Frog Pac. Leave at least ¼" of plastic to fit into the Pool Frog Cycler.

13. {Turn bac pac over} {invert pac} and shake slightly until chlorine tablets fall into tower areas.

14. Insert Pac into Cycler

14a. Pool Frog Bac Pac.

For Bac Pac, line up the small leg with small opening in the POOL FROG Mineral Reservoir and large leg with the large opening. Lower pac {into POOL FROG Mineral Reservoir} until secure.

14b. Pool Frog Pac 540C and 610C .

For 540C or 610C line up the openings in the pacs with the keys in the Pool Frog Chlorine Cycler. Note; Openings are a different shape than keys. Lower pac until secure.

15. Replace cap by hand only. DO NOT OVER TIGHTEN.

16. The chlorine pacs are made ^{of} HDPE plastic. Non-refillable ^{container} container. Do not reuse or refill this container. Offer for recycling if available. Rinse thoroughly before recycling or discarding in trash.

17. 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 Bac Pac. Once wetted, the time released mineral coating of this product 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.

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Start-up and Operation

Pool Frog Mineral Reservoir {now with Start-up Water Polishers for easier start up.}

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. Follow manufacturer's directions carefully.

Do not add shock in or near the skimmer or into the cyclor as it could damage equipment, risk potential explosion or discolor your pool surface.

THIS STEP IS VERY IMPORTANT TO START-UP. USE CHLORINE SHOCK ONLY.

3. Install POOL FROG Mineral Reservoir into the cyclor. (See page 1 for directions.)

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

4. Replace cap and run cyclor, with POOL FROG Mineral Reservoir inserted, for 10 minutes on setting {Maximum}, Setting {10} {5} or {On} depending on the model.
5. {Insert FROG BAM into POOL FROG Mineral Reservoir in cyclor. (See page 1 for directions.)}
6. When chlorine reading is down to 1.0 ppm, which may take a few days, insert chlorine {bac} pac. (See {left column} for directions.)

{FOR IN GROUND MODELS}

For In Ground models, cap removal is easier if using the tool included with the cyclor. To loosen cap, hit the handle with the flat of your hand counter clockwise.
DO NOT USE CAP TOOL TO TIGHTEN CAP.}

Start-up and Operation

{This system is designed to work effectively with a variety of pool equipment as long as the following basic procedures are followed.}

7. **SETTING CONTROL DIAL** Set control dial by matching up the parameters of your pool on the charts below. THIS IS A STARTING POINT ONLY and may need to be adjusted to fit your individual pool needs. See # 8 for directions.

Above Grd. POOL SIZE	8 Hour Pump Run Time				12 Hour Pump Run Time				24 Hour Pump Run Time			
	PUMP SIZE				PUMP SIZE				PUMP SIZE			
Gallons	1/2 hp	3/4 hp	1 hp	1 1/2 hp	1/2 hp	3/4 hp	1 hp	1 1/2 hp	1/2 hp	3/4 hp	1 hp	1 1/2 hp
7,000 (18')	5	4.5	4	3.5	4.5	4	3	2.5	5.5	5	4	3.5
9,000 (21')	5.5	5	4.5	4	5	4.5	4	3.5	6	5.5	4.5	4
12,000 (24')	6	5.5	5	4.5	5.5	5	4.5	4	6.5	6	5	4.5
15,000	NR	6	5.5	5	6	5.5	5	4.5	7	6.5	5.5	5
20,000	NR	NR	6	5.5	NR	6	5.5	5	8	7	6	5.5

Inground POOL SIZE	8 Hour Pump Run Time				12 Hour Pump Run Time				24 Hour Pump Run Time			
	PUMP SIZE				PUMP SIZE				PUMP SIZE			
Gallons	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	4.0	3.5	3.0	2.5	3	2.5	2	1.5	4.5	4	3.5	3
9,000	4.5	4.0	3.5	3.0	3.5	3	2.5	2	5	4.5	4	3.5
12,000	5.0	4.5	4.0	3.5	4	3.5	3	2.5	5.5	5	4.5	4
15,000	NR	5.0	4.5	4.0	5	4	3.5	3	6	5.5	5	4.5
20,000	NR	NR	5.0	4.0	NR	5	4	3.5	7	6	5	4.5
25,000	NR	NR	6.0	5.0	NR	6	5	4	8	7	6	5
30,000	NR	NR	7.0	6.0	NR	7	6	5	9	8	7	6
35,000	NR	NR	NR	NR	NR	NR	NR	NR	10	9	8	7
40,000	NR	NR	NR	NR	NR	NR	NR	NR	11	10	9	8

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

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{IMPORTANT: Pump run times of at least 6 hours at high speed are recommended for proper performance. If running low speed only or on high speed less than 6 hours, please follow the 24 Hour Low Speed directions below:

24 HOUR, LOW SPEED PUMP RUN TIME

In order to ensure proper performance when running on low speed for 24 hours or high speed less than 6 hours, bleed the air while the pump is on by unscrewing the cap knob until water appears. Then screw the knob back on. Repeat this process each time the cap is removed for any reason. Set the control dial at #6 and follow the adjustment directions in Step 8 to determine the correct setting for your pool.}

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 testing, adjust the dial up by $\frac{1}{2}$ increment if the free chlorine reading has dropped below 0.5 ppm or down by $\frac{1}{2}$ increment if the reading has risen above 1.0 ppm. Continue this process each day until the reading stabilizes to at least 0.5 ppm. Remember to adjust dial by $\frac{1}{2}$ increments only, 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 chlorine shock treatment used.

If using another means of chlorine

Follow steps 1-5 on Start-up and Operation and then continue below.

6. Maintain setting of {Maximum}, Setting {10} {5} or {On} depending on the model. No adjustments needed.
7. Maintain a minimum chlorine reading of 0.5 ppm with a chlorine delivery device or hand feeding.
8. Shock pool every two weeks or as needed to maintain water quality. Follow label directions on the chlorine shock treatment used.

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[Operational Instructions 2 for Skimmer Application]

POOL FROG MINERAL RESERVOIR

Patented Mineral Pool {Sanitizer} {Disinfectant} Instruction Manual

ELIMINATES DAILY DOSING FOR LESS WORK

SPARKLING WATER FOR IN GROUND POOLS

Specifications

For inground pools ONLY.

Lasts 6 months once product is wetted.

Easy to set reminder dial for product replacement.

Reduces chlorine use up to 50%*

(With chlorinator or floater turn setting down or use fewer tablets.)

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Pool Start Up

1. Balance water according to the chart.

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

2. Shock pool to remove all contaminants. (Follow manufacturer's directions.)

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

Thank you for purchasing the Pool Frog Mineral Reservoir.

With mineral pool care, your water will feel softer, shine brighter

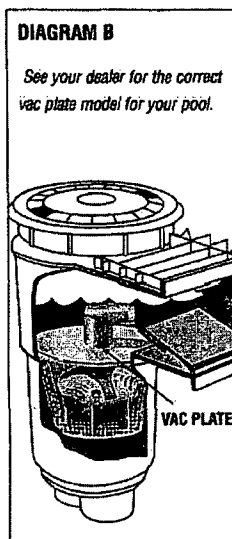
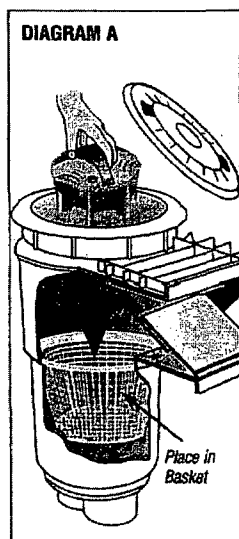
while reducing chemicals and overall pool maintenance.

Installing a Pool Frog Mineral Reservoir

1. Set reminder dial on the Pool Frog Mineral Reservoir to 6 months from date of installation. Turn dial by hand or with a coin if needed.

2. Remove basket the Pool skimmer

3. If using Reservoir cleaner skimmer, vac plate skimmer



skimmer cover and skimmer handle if applicable. Insert Frog Mineral Reservoir into basket. **DIAGRAM A**

the Pool Frog Mineral with a suction side automatic installed through the it will be necessary to use a that may come with the or automatic cleaner. **DIAGRAM B**

Regular Pool Care

1. Run pump and filter at least 8 hours per day.
2. Regularly test water for pH, total alkalinity and chlorine levels.
3. Maintain at least 0.5 ppm chlorine level at all times. A chlorinator or floater is recommended. If using chlorine pucks in the skimmer basket, place them under the Pool Frog Mineral Reservoir.
4. Shock pool every two weeks or as needed to maintain water quality. Follow label directions on the chlorine shock treatment used.
5. Check filter gauge regularly and clean or back-wash when needed per the manufacturer's directions.
6. Periodically clean skimmer basket of excess debris as normal.
7. REMEMBER TO REPLACE THE POOL FROG MINERAL RESERVOIR EVERY 6 MONTHS OR AFTER ONE POOL SEASON WHICHEVER IS SHORTER.

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[Operational Instructions 3 for Pool Cartridge used in Floating System]

POOL FROG Mineral Reservoir OPERATING INSTRUCTIONS

Congratulations for purchasing Frog Splash – the complete mineral and chlorine disinfecting system. When using the patented Pool Frog Mineral Reservoir with the proprietary Pool Frog Chlorine Cartridge you'll enjoy your pool more with less work and less chlorine.

Less work because:

- The Frog Mineral {System} {Technology} {Formula}+ continuously works to destroy bacteria for six {full} months.
- Cartridges last longer to eliminate daily maintenance.
- Cartridges are pre-filled for no measuring and no mess.
- Simply adjust to your setting and relax for weeks.

Less chlorine because:

- With minerals in the water, chlorine use is cut up to 50%*
- With minerals and low levels of chlorine, the water feels softer.
- The system reduces odors and leaves the water crystal clear.

You're going to love your Frog Splash System. If you have any questions, contact our customer service representatives at 800-222-0169.

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

Pool Start Up

- Clean and replace filter cartridges when dirty (follow manufacturer's instructions)
- Balance water according to the chart

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

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NOTE: Chlorine levels are lower only when used with Frog minerals

- Very Important: Before using cartridges, establish an initial chlorine residual of 1.0 ppm with a chlorine shock. DO NOT use a non-chlorine shock. Use the appropriate chlorine test strips or kit and follow manufacturer's instructions.
- Begin regular pool care procedures (see back page) as soon as start up is complete.

Setting Cartridges

- Set the mineral cartridge to wide open on #6 by holding the bottom and turning the top until the number 6 appears in the setting window. No further adjustments are necessary.
- Set the chlorine cartridge to an appropriate starting setting depending on pool size by holding the bottom and turning the top of the cartridge until the desired number appears in the setting window. For pools 1000 gallons or less begin on setting 1 or 2. For larger pools begin on setting 3. Initially monitor chlorine levels daily until at least 0.5 ppm is maintained. Adjusting

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to a higher setting will increase chlorine output while a lower setting will decrease it. NOTE: if the setting is too high, bleaching of pool liners may occur in smaller pools.

Using the Frog Splash System

- Insert both cartridges into the floating holder by pushing them into the openings until they stay in place.
- Let the system free float in the pool.
- When using the pool, simply remove the system, drain most of the water into the pool and set it outside the pool inverted so all excess water drains into the holder.
- REMEMBER TO REPLACE IT IN WATER WHEN FINISHED USING POOL!

Replacing Cartridges

- The Pool Frog Mineral Reservoir must be replaced every 6 months or once a pool season whichever is shorter. At that time discard Pool Frog Mineral Reservoir in trash even if, upon shaking, it appears there is spent media left inside. Once wetted the time released minerals in the cartridge are effective up to six months. Do not attempt to reuse the product once removed from the pool. {For ease in remembering to replace, mark your calendar with the reminder stickers provided with the product.}
- Replace the Pool Frog Chlorine Cartridge when empty. Drain water in cartridge to ensure it is empty then discard in trash. The cartridge life will vary depending on pool size and number of users. {Once your usage is determined, mark the calendar with enclosed reminder stickers.}

Regular Pool Care

- Run filtration system as recommended by your spa manufacturer.
- Regularly test water for pH, total alkalinity and chlorine levels.
- Maintain at least 0.5 ppm chlorine level at all times.
- Shock the pool once a week or as needed.
- Additional shocking may be required if pool is under heavy use. This is often the case when the pool is new.
- Remember to replace Pool Frog Mineral Reservoir and Pool Frog Chlorine Cartridge as directed under "Replacing Cartridges."

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[Operational Instructions 4 for Spa Cartridge used in Floating System]

Floating System Operation Instructions

Congratulations! Your spa came with a complete mineral and bromine {or chlorine} {sanitation} {disinfecting} {disinfection} system. When using the patented Pool Frog Mineral Reservoir with the proprietary Spa Frog Bromine Cartridge, you'll enjoy your spa more with less work and less bromine.

Less Work Because:

- The Frog Mineral {System} {Technology} {Formula}+ continuously works to control bacteria for four full months.
- Cartridges last longer to eliminate daily maintenance.
- Cartridges are pre-filled for no measuring or mess.
- Simply adjust to your settings and relax for weeks.

Less Bromine {or Chlorine} Because:

- With minerals in the water, bromine {or chlorine} use is cut by up to 50%.*
- Bromine {Chlorine} lasts longer: 2-4 weeks on a 350 gallon spa with average use.
- With minerals and low levels of bromine {or chlorine}, the water feels softer.
- The system reduces odors and leaves the water crystal clear.
- Frog Mineral System} {Technology} {Formula}+ works with bromine.

You're going to love your Frog System. If you have any questions, contact our customer service representatives at **800-222-0169**.

* Compared to the minimum ANSI recommended bromine {or chlorine} level of 2.0 ppm for a spa.

Spa Start Up

- Always drain and refill spa at least every 4 months.
- Clean and replace filter cartridges when dirty (*Follow manufacturer's instructions*).
- Balance water according to the chart.

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NOTE: Bromine {or chlorine}
levels are lower only when used
with Frog minerals

Water Balance Guidelines

pH:	7.2 – {7.6} {7.8}
Total Alkalinity:	80 – 180 ppm
Calcium Hardness:	150-400
Total Dissolved Solids:	<1500
*Free Bromine {or Chlorine}:	1.0 – 2.0 ppm

- Heat water to recommended temperature before using cartridges.
- **Very Important!** Before using cartridges, establish an initial residual of 1.0-2.0 ppm bromine or chlorine with either granular Brominating Concentrate™ (which typically contains 85% sodium dichlor (chlorine) and 15% sodium bromide) OR a chlorine shock. {Do not use a non-chlorine shock.} Use the appropriate bromine or chlorine test strips or kit and follow manufacturer's instructions.

Brominating Concentrate™ is a registered trademark of Bio-Lab, a Chemtura Company.

- Begin regular spa care procedures (see back page) as soon as start up is complete.

Setting Cartridges

- Set the blue mineral cartridge to wide open on #6 by holding the bottom and turning the top until the number 6 appears in the setting window. No further adjustments are necessary.

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- With a freshly filled spa, initially set the yellow bromine cartridge on #5 for the first 24 hours **ONLY**. Then the first week or so, before each use, test the water and adjust cartridge by 1 setting per day until the bromine stabilizes to at least 1.0 ppm.

Using the Floating System

- Insert both cartridges into the green floating holder by pushing them into the openings until they stay in place.
- Let the Floating System free-float in the spa.
- When using the spa, simply remove the Pool Frog Mineral Reservoir, drain most of the water into the spa and set on the side of the spa inverted so all excess water drains into the holder.
- REMEMBER TO REPLACE IT IN THE WATER WHEN FINISHED USING SPA!

Replacing Cartridges

- The Pool Frog Mineral Reservoir must be replaced every 4 months. After four months of use, or when draining and refilling the spa with fresh water, discard Pool Frog Mineral Reservoir in trash even if, upon shaking, it appears there is spent media left inside. Once wetted the time released minerals in the cartridge are effective up to four months. Do not attempt to reuse the product once removed from the spa. For ease in remembering to replace, mark your calendar with the reminder stickers provided with product.
- Replace the bromine cartridge when empty. Drain water to ensure cartridge is empty then discard in trash. The cartridge life will vary depending on spa size and number of users. Once your usage is determined, mark the calendar with enclosed reminder stickers.

Regular Spa Care

- Run filtration system as recommended by your spa manufacturer.
- Regularly test water for pH, total alkalinity and bromine levels.
- Maintain at least 1.0 ppm bromine level at all times.
- Shock the spa once a week or as needed.
- Additional shocking may be required if the spa is under heavy use. This is often the case when the spa is new.
- Remember to replace Pool Frog Mineral Reservoir and Spa Frog Bromine Cartridge as directed under "Replacing Cartridges".

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[Operational Instructions 5 for Spa Cartridge used in In-Line System]

In-Line System Operating Instructions

Congratulations!

Your spa came with a complete mineral and bromine {or chlorine} {sanitation} {disinfecting} {disinfection} system. When using the patented Pool Frog Mineral Reservoir with the proprietary Spa Frog Bromine Cartridge, you'll enjoy your spa more with less work and less bromine.

Less Work Because:

- The Frog Mineral {System} {Technology} {Formula}+ continuously works to control bacteria for four full months.
- Cartridges last longer to eliminate daily maintenance.
- Cartridges are pre-filled for no measuring or mess.
- Simply adjust to your setting and relax for weeks.

Less Bromine {or Chlorine} Because:

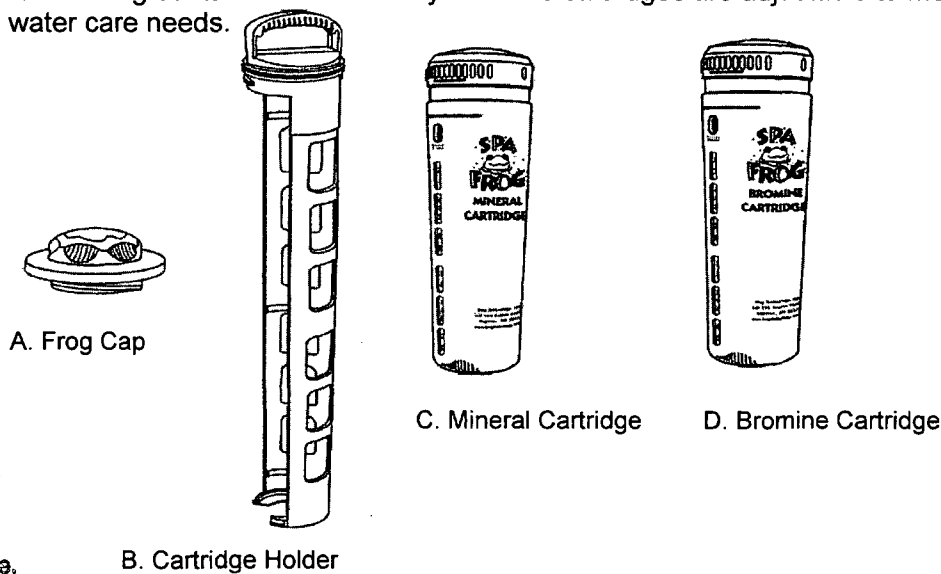
- With minerals in the water, bromine {or chlorine} use is cut by up to 50%.*
- Bromine {Chlorine} last longer: 2-4 weeks on a 350 gallon spa with average use.
- With minerals and low levels of bromine {or chlorine}, the water feels softer.
- The system reduces odors and leaves the water crystal clear.
- Frog Mineral {System} {Technology} {Formula}+ works with bromine.

You're going to love your FROG System. If you have any questions, contact our customer service representatives at **800-222-0169**.

* Compared to the minimum ANSI recommended bromine {or chlorine} level of 2.0 ppm for a spa.

Let Us Dissect This Frog For You:

The In-Line System is made up of (A) a Frog cap that is easily distinguishable among the fittings on the top {rim} {edge} of the spa, (B) a cartridge holder that pulls out of the system, (C) a mineral cartridge that helps control bacteria in the water and (D) a bromine cartridge that helps support the minerals while oxidizing contaminants like body oils. The cartridges are adjustable to meet your specific spa water care needs.



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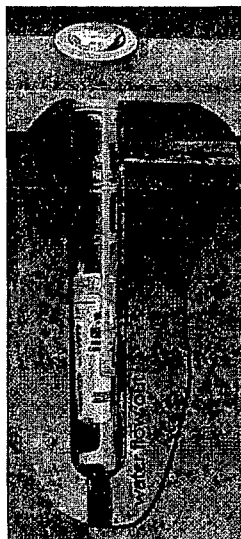
King Technology: Pool Frog Mineral Reservoir EPA Reg. No. 53735-11

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Cut-away view of cartridges snapped into holder and placed into the In-Line System.



Start Up - Follow all directions from your spa manufacturer on filling and balancing the water in your spa. Standard guidelines for balancing the water are as follows:

Water Balance Guidelines	
pH:	7.2-{7.6} {7.8}
Total Alkalinity:	80-180 ppm
Calcium Hardness:	150-400
Total Dissolved Solids:	<1500
*Free Bromine {or Chlorine}:	1.0-2.0 ppm

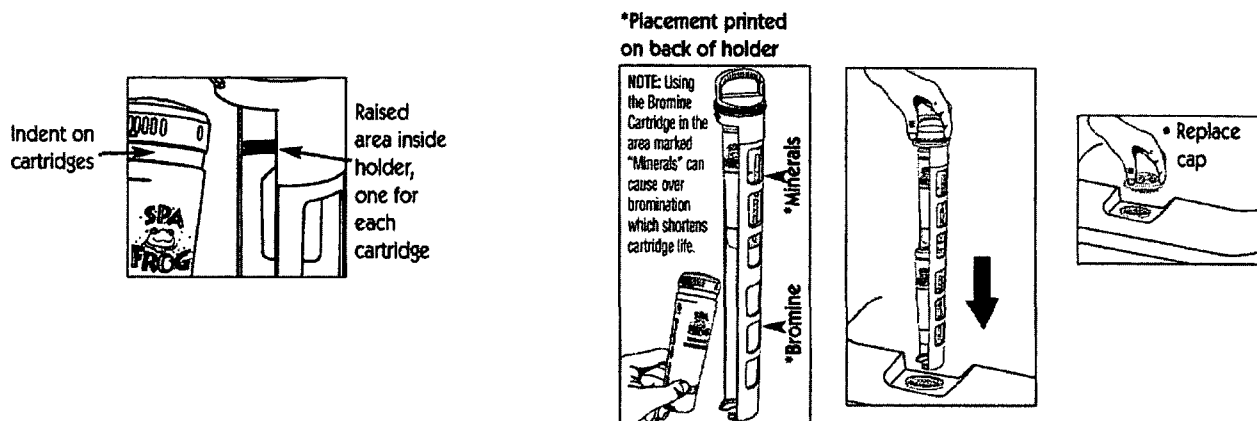
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*NOTE: Bromine {or chlorine} levels are lower only when used with Frog minerals

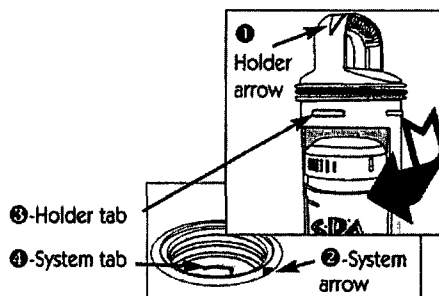
- Use a metal out or sequestering agent if fill water is high in metals. Wait 24 hours before continuing start up.
- Shock spa to establish a 1.0-2.0 ppm bromine {or chlorine} residual. Add directly to spa following manufacturers' directions. Do NOT add through the In-Line System.
- When spa reaches operating temperature per your spa manufacturer's directions, set the mineral and bromine cartridges according to directions on page # and insert them into the System.

Replacing Cartridges

- Open cap of In-Line System and set aside. DO NOT OPEN CAP WHILE JETS ARE ON.
- Remove holder by pushing down and turning counterclockwise before pulling out.
- Remove spent cartridges by pushing bottom out through openings in back of holder. Then grab cartridge and pull out.
- Snap the Pool Frog Mineral Reservoir into the area marked "Minerals" (top portion) and the Spa Frog Bromine Cartridge into the area marked "Bromine" (bottom portion) making sure to line up the indentation at the top of the cartridges with the raised area on the holder.



- Slowly insert holder into system. Line up holder arrow-① with system arrow-②. Push down until holder tabs-③ go past system tabs-④ and turn holder to the right (clockwise) until it stops. To ensure a locked position, attempt to pull holder up. If it stays in place, the lock is secure.



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- Begin regular spa care procedures (see page #) as soon as start-up is complete.

Adjusting and When to Replace Pool Frog Mineral Reservoir:

- Set Pool Frog Mineral Reservoir wide open on #6 by holding the bottom and turning the top until the number 6 appears in the setting window.
- The Pool Frog Mineral Reservoir must be replaced every 4 months. After four months of use, or when draining and refilling the spa with fresh water, discard Pool Frog Mineral Reservoir in trash even if, upon shaking, it appears there is spent media left inside. Once wetted the time released minerals in the cartridge are effective up to four months. Do not attempt to reuse the product once removed from the spa. For ease in remembering, mark your calendar with the Reminder Stickers included with this manual (see spa manufacturer's draining recommendations).

Adjusting and When to Replace Spa Frog Bromine Cartridge:

As every spa is different, finding the right setting for the bromine cartridge will require monitoring your usage for the first week or two. Begin with an initial setting based on the chart {on page #} and monitor bromine levels daily or before each use, adjusting the cartridge by one setting per day until a 1.0-2.0 ppm level has been achieved. To adjust cartridge, remove from system and turn to the next highest setting if the bromine level is low, or the next lower setting if the bromine level is high. The bromine cartridge needs to be replaced when empty. Drain water to ensure empty then discard in trash. On most spas, it will last between 2 and 4 weeks. Always maintain at least 1.0 ppm bromine level.

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INITIAL START-UP SETTING

Daily Filter Time	Spa Size (Gallons)		
	250-300	300-400	400-500
One Hour	2	3	4
Two Hours	2	2	3
Four Hours	1	2	2
24 hour @ low flow	1	2	2

NOTE: The more you use the spa, for instance when you first get it, the greater the setting to achieve at least 1.0 ppm. (This may require a higher setting than what is listed in the chart.) If usage decreases or the bromine level is greater than 2.0 ppm, the setting should be lowered.

Regular Spa Care Procedures:

Always follow the directions for operating your particular spa.

- Run filtration system as directed by your spa manufacturer to maintain proper water flow through the In-Line System.
- Regularly test water for pH, total alkalinity and bromine levels. Maintain at least 1.0 ppm bromine {or chlorine} level at all times.
- Shock the spa {with granular chlorine or a non-chlorine shock} once a week or as needed. Additional shocking may be required if the spa is under heavy use. This is often the case when the spa is new.
- Remember to replace your Pool Frog Mineral Reservoir and Spa Frog Bromine Cartridges as directed under "Adjusting and When to Replace".
- Lubricate o-ring twice a year with a silicone lubricant.

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[Operational Instructions 6 for Filter Spa Product]

Operation Manual For Use in Filter Core

Specifications

- Fits in most filters.
- Handles spas up to 600 gallons.
- Lasts 4 months.
- {Easy to set reminder dial for product replacement.}
- Use with bromine or chlorine.

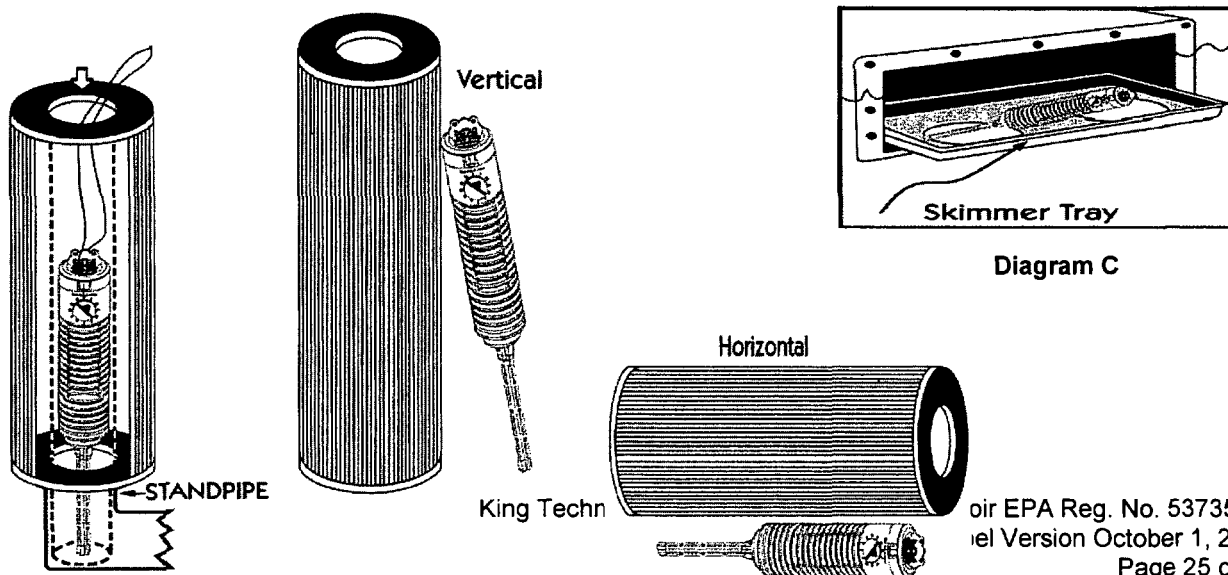
Spa Start Up

- Always drain and refill spa at least every 4 months.
- Clean or replace filter cartridge when dirty (*Follow manufacturers directions*).
- Balance water according to the chart.
- Shock spa to establish a bromine or chlorine residual of 1.0-2.0 ppm with an EPA approved spa shock or by other means. (*Follow manufacturers directions*).
- Begin Regular Spa Care procedure on back page.

Note: Bromine {or chlorine} levels are lower only when used with the Frog Mineral {System} {Technology} {Formula}+

Installing Pool Frog Mineral Reservoir

- {Set reminder dial on Pool Frog Mineral Reservoir to 4 months from month of installation. Turn dial by hand or with a coin if needed.} {Mark your calendar with enclosed reminder sticker for the 4 month replacement date.}
- Place Pool Frog Mineral Reservoir in one of the following locations in spa:
 - Majority of Spas** – Insert Pool Frog Mineral Reservoir inside filter cartridge core (**Diagram A**). Do not allow Pool Frog Mineral Reservoir to sit too low in the filter. If blocking water flow install in filter well (**Diagram B**). If Pool Frog Mineral Reservoir is inside a standpipe, attach a string to the {handle on top} {Frog head handle} for easy removal.
 - High Flow Spas** – On skimmer filters with 2.5 HP or larger pump motors, place Pool Frog Mineral Reservoir in filter well outside the filter cartridge (**Diagram B**).
 - Small Cartridge or Other Spas** – Place Pool Frog Mineral Reservoir in skimmer tray (**Diagram C**).



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Diagram A

**Diagram B –
High Flow Spas in Filter Well**

If unit is too tall, cut rod at hash marks to shorten.

Regular Spa Care

- Ensure all spa equipment is working properly.
- Run filtration system a minimum of three hours per day.
- Regularly test water for pH, total alkalinity and bromine {or chlorine} levels.
- Maintain at least a 1.0 ppm bromine {or chlorine} level at all times.
- Shock the spa once a week or as needed. Additional shocking may be required if the spa is under heavy use. This is often the case when the spa is new.
- The Pool Frog Mineral Reservoir must be replaced every 4 months. After four months of use or when draining and refilling the spa with fresh water, discard Pool Frog Mineral Reservoir in trash even if, upon shaking, it appears there is spent media left inside. Once wetted the time released minerals in the cartridge are effective up to four months. Non-refillable container. Do not reuse or refill this product. Do not attempt to reuse the product once removed from the spa.

{Set for 4 mos.}

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[Copy for packaging and labeling - All text on this page is optional]

{Frog Mineral {System} {Technology} {Formula}+ improves swimming pool pleasure by reducing the problems associated with chlorine. Experience the FROG difference:

- Less work with no daily dosing of minerals or chlorine.
- Sparkling water for above ground and in ground pools.
- Pre-filled pacs eliminate fumes typical of chlorine buckets.
- Reduces Fading Swimsuits
- Lower chlorine levels help prevent damage to equipment and surfaces.

Let Us Dissect This Frog For You

A Mineral {Sanitizing} {Disinfecting} System With 3-Parts

- Frog Cyclor holds the Mineral Reservoir and chlorine Bac Pac
- Pool Frog Mineral Reservoir contains the minerals
- Frog chlorine Bac Pac (sold separately EPA Reg. No. 53735-2) provides low chlorine support.

Here's How It Works

- The Frog System destroys bacteria
- The Frog Mineral System reduces chlorine use up to 50% compared to the minimum EPA recommended chlorine level of 1.0 ppm for a stabilized swimming pool.
- When using the chlorine Bac Pac water flows through minerals and chlorine so one unit does all.

Frog is more fun

Up To 50%* Chlorine Reduction with Pool Frog Mineral System

FROG's Complete Pool Care System includes:

1. Pool Frog Mineral Reservoir
 - Fits inside the Frog Cyclor
 - Contains minerals that help to {control} {destroy} bacteria
 - Replace mineral reservoir every season – do not use more than 6 consecutive months.
2. Chlorine Bac Pac (sold separately – EPA Reg. No. 53735-2)
 - Pre-filled with Trichlor (chlorine) tablets.
 - Sits inside the Pool Frog Mineral Reservoir for a complete system
 - Set the Cyclor dial for achieving at least 0.5 ppm chlorine level (see instruction manual)
 - Replace chlorine Bac Pac when empty
3. Frog BAM Algae Preventative (sold separately – EPA Reg. No. 53735-9)
 - Algae Protection Guarantee when used with the Complete Frog System
 - Dispenses in 90 minutes and provides 90 days of algae protection}

There's a Frog For You!

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Frog Copy by Category:

1. Less Work

- Less work with a 6 month Mineral Reservoir and pre-filled chlorine Bac Pac.
- Less work with pre-filled disposable cartridges.
- No more daily maintenance with replacement products that last weeks or months at a time.
- Take back the fun of your pool by reducing the work and increasing the pool's life.
- Frog offers more fun! Let Frog do the work for you.
- Relaxation and peace of mind.
- Set the Cyclor valve and it dispenses minerals and chlorine automatically.
- Automatic dispensing of minerals and {chlorine} {bromine} – Automatic pool care.

2. Less {Chlorine} {Bromine}

- Frog is a mineral system with a pre-filled chlorine pac that meets the EPA requirements to lower previously approved safe chlorine levels by up to 50%.* (*1.0 ppm was EPA's previously approved safe level for a stabilized swimming pool).[for pools]
- Pool Frog Mineral Reservoir is a mineral system using a pre-filled bromine cartridge that meets the EPA requirements to lower previously approved safe bromine levels by up to 50%.* [for spas]
- With standard chlorine products for swimming pools, EPA has NOT approved a chlorine level of 0.5 ppm without using minerals.
- With standard bromine {or chlorine} products for spas and hot tubs, EPA has NOT approved a bromine {or chlorine} level of 1.0 ppm without using minerals.
- The Frog Mineral {System} {Technology} {Formula}+ destroys bacteria so less {chlorine} {bromine} is needed for complete {pool} {spa} care.
- Minerals help destroy bacteria so less {bromine} {or chlorine} is needed for complete spa care.
- Lowers {chlorine} {bromine} {usage} {use}
- Reduces {chlorine} {bromine} consumption
- Frog Mineral {System} {Technology} {Formula}+ reduces the formation of chloramines and odors.
- Frog Mineral {System} {Technology} {Formula}+ reduces chloramines and ^{its} effects.

3. Water Quality

- Pool Frog's minerals make a difference you can see and feel.
- Water feels softer with a crystal clear shine.
- For softer water with a crystal clear shine.
- Frog minerals condition the water for extra softness.
- Frog Mineral {System} {Technology} {Formula}+ reduces the problems associated with {chlorine} {bromine} like {faded} {fading} swimsuits.
- Lower chlorine levels help prevent damage to equipment and surfaces.
- Spend the day in the {pool} {spa} without worrying about faded swimsuits.
- Pool Frog gives you a reliable way to have fresh, clean, clear water in your family's {pool} {spa}.
- With Pool Frog Mineral Reservoir your spa will have the feel of a hot spring in the Rocky Mountains cascading over your tired limbs and soothing muscles.

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- Pool Frog Mineral Reservoir transforms your spa into the perfect environment for soothing relaxation.
- The perfect spa environment.
- Makes water brilliantly clear {and soft}
- Restores water clarity
- Frog Mineral {System} {Technology} {Formula}+ conditions water for extra softness

4. How Frog Mineral {System} {Technology} {Formula}+ Works

- Frog Mineral {System} {Technology} {Formula}+ helps rid the water of harmful bacteria.
- Frog's patented mineral {System} {Technology} {Formula}+ destroys bacteria with a controlled release formula that lasts {6} {4} months.
- Frog minerals also help keep your pH balanced by acting as a neutralizer.
- Complete mineral pool care works in all pools.
- Complete mineral spa care works in all spas*. (*Any spa can take advantage of a complete system including the Pool Frog Mineral Reservoir used with the Spa Frog Bromine Cartridge.)
- Improves water quality by:
 - Helping to maintain a neutral pH for softer water.
- Let Frog Mineral {System} {Technology} {Formula}+ handle the bulk of your water {sanitation} {disinfections} {disinfecting} needs.
- Silver plus 0.5 ppm chlorine is as effective as 1.0 ppm chlorine alone. [for pools]
- Silver plus 1.0 ppm bromine {or chlorine} is as effective as 2.0 ppm of bromine {or chlorine} alone. [for spas]
- Pool Frog Mineral Reservoir works together with very low levels of {bromine} {or chlorine} to control bacteria, condition the water and help neutralize pH.
- The Frog Mineral {System} {Technology} {Formula}+ provides silver to help destroy bacteria and carbonate to help keep the pH in an acceptable range without monitoring.
- The Frog Mineral {System} {Technology} {Formula}+ contains silver to help destroy bacteria and carbonate to help keep the pH in an acceptable range without monitoring.
- Silver helps destroys bacteria to reduce chlorine use up to 50%*
- ~~Frog Mineral {System} {Technology} {Formula}+ contains minerals from nature~~
- ~~Frog Mineral {System} {Technology} {Formula}+ contains silver from nature~~

5. How To Use

- Just set it and forget it for weeks at a time.
- Maintain at least 0.5 ppm of chlorine.
- Mark your calendar with enclosed reminder stickers for the 6 month replacement date.
- Replace the Mineral Reservoir every six months or once a season.
- Replace the chlorine Bac Pac when empty – usually every 1-3 weeks.
- Replace the 7 pound chlorine Pac for Pool Frog XL Pro when empty – usually every 3-4 weeks.

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[All text on this page is optional]

Frog now comes with water polishers for easier pool start up.
Pool Frog Mineral Reservoir now with Start-up Water Polishers for easier start up.
Now with Start-Up Water Polishers
Insanely Cool Pool Care
Patented Get Down™ Pool Care Technology
Patented Get Down Mineral™ Pool Care Technology
Get Down Mineral Technology
Get Down Mineral Pool and Spa Care Technology
Get Down Mineral Pool Care Technology
Get Down Pool and Spa Care Technology
Get Down Pool Care Technology
Get Down

[The following text may or may not appear on an insert inside packaging]

Important – Remove and Read

Less Chlorine with {Bac Pac} {Pool Frog Mineral {System} {Technology} {Formula}+.

To assure a 50%* chlorine reduction use this Pool Frog Mineral Reservoir with {a} {the appropriate} {chlorine} {Bac} Pac {for your system}. See setting chart in manual for the proper control dial setting.

Operation without {chlorine} {Bac} Pac.

If using {Pool Frog Mineral Reservoir} with an alternative source of chlorine leave the center of the Pool Frog Mineral Reservoir empty and set the Pool Frog control dial to {Maximum} Setting {10} {5} or {On} depending on your Pool Frog System. {No adjustments necessary.}

Warning

Do not put anything in the center of the Pool Frog Mineral Reservoir other than {a factory recommended Bac Pac or Frog Bam 90-Day Algae Preventative} {the appropriate Frog product as directed in the product instructions}. {Do not use any other pac or bulk chemical tablets in the Pool Frog Mineral Reservoir. Use of any other products could result in damage to pool equipment or surface, unsafe pool conditions, fire or explosion. Warranty will be void if the correct Pool Frog Mineral Reservoir, Frog Bam and Bac Pac are not used.}
Damage could result to the pool or equipment and warranty will be null and void.

[Other Optional Text]

Free Frog Bam Offer Inside - \$XX.XX Value

Special Offer Inside

See Inside for Special Offer

Above Ground Series {4500} or {5100} {6100} {6500} {6700} {xxxx} (Order #xx-xx-xxxx) for use in Model

Now fits the following Cyclers: Pool Frog Series 4500, 5100, 5200, 6100, 6500 or xxxx

Prevail Series 5770 or 5771 In Ground Series 5400 or xxxx (xx-xx-xxxx) for use in Model

Now fits the following Cyclers: Pool Frog Series 5400, 5600, or xxxx and Prevail Series 5790 01-12-5472

Series 6100 or xxxx (xx-xx-xxxx) 01-12-6152

Series 6500 or xxxx (xx-xx-xxxx) 01-12-6152

For use with Aqua Smarte Models 5700 and 6700 or xxxx

Contents;

Pool Frog Mineral Reservoirs

Pool Frog Bac Pacs

Free Frog Test Strips (\$\$ Value)

\$\$ Mail-in Coupon for this purchase

\$\$ Mail-in Coupon for Frog Test Strips

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\$\$ Mail-in Coupon for Frog BAM

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[Additional Copy for Skimmer Application packaging and labeling]

{Frog Mineral {System} {Technology} {Formula}+ improves swimming pool pleasure by reducing the problems associated with chlorine. Experience the FROG Difference:

- Less work with no daily dosing of minerals or chlorine.
- Sparkling water for in ground pools.
- Reduces Fading Swimsuits
- Lower chlorine levels help prevent damage to equipment and surfaces.}

{Set reminder dial to the six month replacement date.}

{Drops in Skimmer!}

{Don't close your eyes to the perfect pool.}

{The Perfect Pool Begins With Pool Frog Mineral Reservoir}

- {Lasts a full six months with a handy reminder dial
- Shroud prevents clogging and acts as a handle
- Water flows in the snorkel and openings on top and sides
- Water flows out the bottom dispensing low levels of minerals into the pool}

[Additional Copy for Pool Cartridge used in Floating System packaging and labeling]

- FROG Splash – The Perfect Choice for Splasher Pools
- Splash Into Summer With Pool Care From FROG
- Small pools still need proper care – make it a snap with FROG Splash
- Make sure your pool is properly treated – use FROG Splash
- Before you Splash, use FROG Splash!
- FROG Splash makes pool care a snap with 3 Easy steps:
 1. Set the cartridges according to the instructions for each
 2. Snap them into the floating holder and place in water
 3. Replace cartridges when directed (see instructions inside)
- Before your family goes for a splash – make sure the water is treated with FROG Splash.
- All pools require a method for controlling bacteria growth – even small above ground pools!
- Frog Splash contains minerals that help destroy bacteria and reduce chlorine use up to 50%.
- For use in the Frog Splash System
- Especially important for little people in little pools that create a big breeding place for bacteria.
- EPA registered and patented minerals help inhibit bacterial growth when used in conjunction with reduced levels of chlorine.
- FROG Splash allows your family to splash with a smile.
- Free floats in the pool.
- Set upside down outside the pool while in use. Remember to replace when finished using the pool.

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Now Spa Care with Less Work
Put the AAAHH in Your Spa
Mineral and Bromine {or Chlorine} Spa Care

Works in all spas
Reduces bromine {or chlorine} use up to 50%*
Cuts bromine {or chlorine} use up to 50%*

Relax - Frog's on the Job
Reusable Holder
Replacement Cartridges

Register your Pool Frog Mineral Reservoir at Kingtechnology.com
Put(s) the AAAHH in Your Spa
Frog Mineral and Bromine {or Chlorine} Spa Care

For Use in the In-Line System
For Use in Spa Floater or Installed In-Line System
For use in the Automatic In-Line System Only

In-Line System Only
In-Line System, Bromine Cartridge, Mineral Cartridge, Spa Floater
Easy top-loading of cartridges

Ask your dealer if your spa came with an In-Line System
Ask for the 200 gram Bromine Cartridge for longer life
See side panel for in-line details

Less bromine {or chlorine}-with minerals helping to control bacteria
Less work with no daily dosing of minerals or bromine {or chlorine}
Less work with pre-filled disposable cartridges

Reduces maintenance with pre-filled adjustable cartridges
Less maintenance - Cuts Maintenance Time
Relaxation and peace of mind

For use in the Floating System
Floating System, Floating Holder
Cartridges are easy to snap in and out when replacing
Floats in Any Spa, Works in all spas

Soft skin

Pleasant feeling skin
Soft skin through neutral pH
Silky smooth feeling
Silky smooth feeling skin
Soft water
Soft water resulting in silky smooth feeling skin
Soft feeling water that's easier on your skin
Silky smooth feeling water
Silky feeling water that comes from water softness
Helps maintain a neutral pH to provide silky water and smooth skin
Using less bromine {or chlorine} helps reduce odors

ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV 28 2010

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53735-11

[All Text on this page is optional]

Reduces Odors

Setting Window

Cartridge Kit for Automatic Spa Care

Contains: 1 Mineral Cartridge - Lasts 4 Months
3 Bromine Cartridges – Each Lasts 2-4 Weeks
200 grams each – Lasts 3-5 weeks

Just follow the easy guidelines below:

1. Fill spa with fresh water and bring spa to recommended temperature.
2. Balance the water's pH and total alkalinity and shock the spa to establish a bromine or chlorine residual of 1.0-2.0 ppm.
3. Adjust your cartridges:
 - a. For the blue mineral cartridge – set wide open on Setting #6.
 - b. For the yellow bromine cartridge – set the cartridge to #5 for the first 24 hours ONLY. Then adjust down to maintain a low 1.0-2.0 ppm of bromine. That's up to 50%* less bromine than standard spas require.
4. Insert cartridges into floating holder openings.
5. Let the Floating System free-float in your spa. When using the spa, simply lift up the Floating System, drain most of the water and set on the side of the spa inverted so all excess water drains into the holder. Return to spa when finished using.
6. Replace your cartridges:
 - a. For the yellow bromine cartridge – replace when empty. The cartridge life will vary.
Once your usage is determined, mark the calendar with enclosed replacement reminder stickers.
 - b. For the blue mineral cartridge – replace every 4 months or when draining and refilling the spa with fresh water.
7. Shock the spa with a non-chlorine or chlorine shock once a week or more often if the spa is heavily used.

Replace Bromine Cartridge every 2-4 weeks. Bromine usage varies depending on spa size and number of spa users.

Mineral Cartridge must be replaced every 4 months. NOTE: You may still feel the "spent" minerals inside, but they are no longer effective and need to be replaced. Simply discard in trash.

See inside label for directions for use and disposal instructions.

Just follow the easy guidelines in the enclosed manual and the following helpful tips:

VERY IMPORTANT! Before using cartridges, establish a bromine or chlorine residual of 1.0-2.0 ppm with granular Brominating Concentrate™ or a chlorine shock. (See instruction manual.)

Brominating Concentrate™ is a registered trademark of Bio-Lab, a Chemtura Company.

Cartridges are easy to snap in and out when replacing.

If desired, invert and set on side of spa when spa is in use.

Mark you calendar with enclosed replacement reminder stickers.

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[The following rebate copy may or may not appear on packaging – All text is optional]

Free Cartridge Rebate

Free Bromine Cartridge Rebate - \$#.## Value

\$5 Rebate with the purchase of Frog Test Strips

Purchase must include 1 Frog Test Strips (50 ct) from any participating store.

FROG Test Strips \$5 Rebate

Free Frog Test Strips Inside

See side panel for \$5 Rebate on New Frog Test Strips

Save \$10 when you try the complete Spa Frog Floating System

Get \$10 back when you purchase a Spa Frog Floating System for mineral and bromine spa care that keeps water clean and crystal clear.

Receive a Free Spa Frog Bromine Cartridge with purchase of this kit.

How: Purchase from any participating Frog retailer (no on-line sales). See www.kingtechnology.com for a retailer in your area. Send completed coupon below with original sales receipt and original UPC bar code (no copies or facimiles) showing the purchase of {product name} to King Technology {name of rebate} {submittal address}.

When: All entries must be postmarked {within 30 days of purchase.} {no later than} {and offer expires} {date}.

Important: This is a mail in rebate only. This is NOT {valid in store} an in-store rebate. Limit: one {name of rebate} rebate per household. Read all terms and conditions carefully. This is a one time offer.

See details on back.

[Rebate form has the following:]

Full Name, Address, City, State, Zip, Phone, e-mail.

{I am using these cartridges in the (check one)}

- In-Line System (built into the spa) that came installed on my spa.
- Floating System (floats in the spa)}

{I am using FROG Test Strips with the (check one)}

- Pool Frog Above Ground System
- Pool Frog In Ground System
- Spa Frog Floating System
- Spa Frog In-Line System}

{Caldera Spas Dealer

Dealer Address}

Spa Brand

You must attach proof of purchase.

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This rebate is intended for the end user consumer only; and may not be used with any other coupon or offer. Limit: one rebate per household. This offer is product specific; substitutions will not be honored. Product must be purchased from a U.S. retailer (no on-line sales) and consumer must reside within the continental United States. Theft, diversion, reproduction, transfer, sale or purchase of this offer form is prohibited and will void rebate. Submissions from P.O. boxes will not be honored. If your primary address is a P.O. box, see your local Post Office for a street address. Submissions from groups or organizations will not be honored or acknowledged. Names and addresses may be verified. Use of fictitious names or addresses could result in federal claims of mail fraud. Offer void where restricted or prohibited by law. King Technology is not responsible for late, lost, mutilated, illegible, misdirected or postage due requests. King Technology reserves the right to rescind this offer. This offer may not be reprinted without the express written consent of King Technology. Please allow 6-8 weeks for delivery of rebate check.

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[All text on this page is optional]

How To Use: [Simple Instructions for spa cartridge used in Floating System]

- Simply snap out and snap in the pre-filled mineral cartridge.
- Set reminder dial to the four month replacement date.
- For the blue Pool Frog Mineral Reservoir – set wide open on setting #6.
- Insert cartridge into floating holder openings.
- Easy top loading access makes it a snap to replace the mineral cartridge in the holder.
- No assembly required.
- By dropping it inside your filter cartridge, filter well or skimmer, Pool Frog Mineral Reservoir works with no electricity and no hassles for four full months.
- Set it and forget it for up to 4 months.

Other Copy

- Simple spa care
- Insanely Cool Spa Care
- Patented Get Down™ Spa Care Technology
- Patented Get Down Mineral™ Spa Care Technology
- Get Down Mineral Technology
- Get Down Mineral Pool and Spa Care Technology
- Get Down Mineral Spa Care Technology
- Get Down Pool and Spa Care Technology
- Get Down Spa Care Technology
- Get Down
- Reduces sanitizer demand
- For bromine & chlorine
- Safe for all spas
- Enjoy softer, cleaner water
- Enjoy clearer, cleaner spa water with the help of minerals
- Contains minerals that help to control bacteria while reducing sanitizer demand
- When combined with proven chemistry, you'll experience spa water that is clearer, cleaner and softer to the touch
- Works with bromine and chlorine
- Fits most filters
- Simple installation
- One-piece design
- Compatible with non-chlorine shock
- Installation is easy
- Insert into filter cartridge, in filter well or in skimmer.
- Lower your chlorine or bromine level to 1.0 ppm
- Replace at least every 4 months or when draining and refilling spa.
- After that time, even if upon shaking, you hear the spent media inside, it is no longer effective and must be replaced.
- Product is effective up to 4 consecutive months or when draining and refilling the spa.
- After following the simple spa care start-up program located in the back of your spa care guide, it's time to add the Pool Frog Mineral Reservoir.
- Test pH, Total Alkalinity, chlorine/bromine levels regularly with test strips. Shock after each use or at least once a week with chlorine or non-chlorine shocks.
- It is normal for a small amount of granules and dust to become dislodged from the mineral cartridge during shipment.

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[All text on this page is optional]

- For use only with Softub.
- This product to be used only with Softub
- See your Softub manual for complete operating instructions
- Patented Mineral Spa {Sanitizer} {Disinfectant}.
- Mineral Spa Care is developed with technology from Frog
- Fits Caldera Spas

Frog's Got Your Back with:

- Strong consumer benefits
- No price increase on Spa Frog products
- Free POP materials
- No price increases on Mineral Reservoirs and steps to grow your business
- By absorbing the high cost of chlorine to help protect you and your customers
- Pool Frog programs
- Spa Frog programs
- Tools to grow your business
- Strong profits
- EPA registered minerals

Minerals make all the difference {for pools} {for spas}

Consumers want to make a difference.

Get Down chlorine or bromine use up to 50%* {which exceeds consumer expectations}

Get Down work {maintenance time} {for more fun and relaxation}

Get Down problems like faded swimsuits

Get Down long term damage to pool surfaces and equipment

Minerals utilize the Frog Get Down Mineral Technology

The Get Down Mineral Technology for spas means up to 50% less bromine use* with all the same "Get Down" benefits of less work, preventing skin irritation and easier on the spa surface.

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Easy Installation. No Assembly Required.

Let us Dissect This Frog For You

- Openings in cap for additional water flow
- Reminder dial for replacing every 4 months
- Scooped louvers draw water in and through minerals inside
- Bottom louvers allow clean water out
- Welded rod helps prevent breakage

Pool Frog Mineral Reservoir works together with very low levels of bromine or chlorine to control bacteria, condition the water and help neutralize pH.

Now easier to install

- Set reminder dial to the four month replacement date
- Insert Pool Frog Mineral Reservoir into filter cartridge, in filter well or in skimmer
- Lower your bromine or chlorine levels to as low as 1.0 ppm*
- Replace Pool Frog Mineral Reservoir every 4 months or when draining and refilling spa

Reminder Dial for ease-to-remember 4 month replacement
Set for 4 mos.

Minerals offer

Frog Offers More Relaxation

- Simply a more enjoyable spa experience
- Permanent rod fits almost all spas
- Welded rod helps prevent breakage
- Inserts easily into filter
- Also works in most skimmers or filter wells

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[Pool Frog Mineral Reservoir – Family of Products]
[All information on this page is optional]



PRODUCT FOR EVERY POOL

POOL FROG® In Ground Mineral System

POOL FROG® Above Ground Mineral System

POOL FROG® PRO In Ground System with Extended Air Life

POOL FROG® Mineral Works Combines Benefits of 8 Technologies for Complete Pool Care

PRODUCT FOR EVERY SPA

SPA FROG® Bubbling System

SPA FROG® for Use in Filter Cans

Manufactured in the U.S.A. by KING TECHNOLOGY, INC.
 530, 11th Ave. So., Hopkins, MN 55343
 800-222-0169 • www.kingtechnology.com

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