

# Do not print magenta die line.

Print white on blue cartridge  
5/11



**LICENSED**

PERIOD 2014-2016 LIC. NO. 8272.3

**Product Description:** The SPA FROG Mineral Cartridge 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+ with reduced levels of bromine improves spa pleasure by reducing the problems associated with bromine including faded bathing suits, premature damage to spa equipment or surfaces and smelly odors.

**Replace the SPA FROG Mineral Cartridge 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 SPA FROG Mineral Cartridge 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 7.2-7.8. With a freshly filled spa, establish a bromine or chlorine residual of 1.0-2.0 ppm with an EPA approved spa shock or FROG Jump Start. Always maintain a bromine 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 SPA FROG Mineral Cartridge:** 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 SPA FROG Mineral Cartridge 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 SPA FROG Mineral Cartridge into the bottom opening of the floating 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.

**Disposal:** After four months of use or when draining and refilling the spa with fresh water, discard SPA FROG Mineral Cartridge 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.

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

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

Setting Window

## SPA FROG® MINERAL CARTRIDGE



### Patented Mineral Spa Disinfectant

For use in the  
SPA FROG® IN-LINE SYSTEM or  
SPA FROG® FLOATING SYSTEM

### Adopt a FROG® for Worry-Free Water

- Less work with no daily dosing.
- Reduces bromine use up to 50%.\*
- Adopt an easier, more fun spa environment.

\*Compared to the minimum ANSI recommended bromine level of 2.0 ppm for a spa.

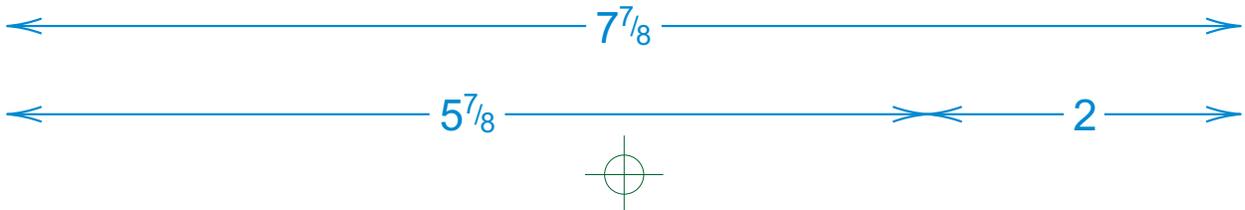
### Keep Out of Reach of Children CAUTION

<b>Active Ingredient:</b>	Net Wt.: 2.05 oz. (58 grams)
Silver Chloride: ..... 0.5%	EPA Reg. No.: 53735-11
Other Ingredient: ..... 99.5%	EPA Est. No.: 071209-AZ-001
Total: ..... 100.0%	

U.S. Patents: D497,406; 6,217,892; 6,383,507; 6,551,609; 6,652,871; 7,059,540; 7,060,190; 7,329,345; 7,347,934; 7,487,790 and other U.S. and Foreign Patents Pending.

### King Technology, Inc.

530 11th Avenue South, Hopkins, MN 55343  
www.kingtechnology.com E032411553051143R4N



# SPA FROG MINERAL CARTRIDGE

**Mineral Cartridge**  
Lasts 4 Months

**Bromine Cartridge**  
Lasts 2-4 Weeks

**Adopt a FROG® for Worry-Free Water!**

- Less work with no daily dosing.
- Reduce bromine use up to 50%\*.
- Adopt an easier, more fun spa environment.

**FLOATING SYSTEM**

\* Compared to the minimum ANSI recommended bromine level of 2.0 ppm in a spa.

Side flap goes inside of box.

20-45-1009 E041013553051343R6B  
Center flap goes outside of box.

Side flap goes inside of box.

AMERICRAFT CARTON  
CUSTOMER: KING TECHNOLOGIES  
SIZE: 7 7/8 X 7 7/8  
BLANK SIZE: 7 7/8 X 7 7/8  
CAD# CRE015L

DESC: 12 PACK HEADER  
DATE: 9-15-10  
UPC TO BE AT 100% MAGNIFICATION  
PAPER BOARD  
PRINTED SIDE SHOWN

CUT ———  
CREASE - - -  
PARTIAL CUT - · -  
CUT/CREASE - · -  
BLEED LINE ———  
COPY CLEAR ———  
MARGIN ———

(NON PRINT OR COATING)  
GLUE AREAS

NO COATING/K.O. AREA

53735-11 Spa Frog Mineral Cartridge 12pk

28-7/32"

### SPA FROG IN LINE SYSTEM



Mineral Hybrid Water Care



Easy  
Installation  
of Cartridges



Bromine  
Cartridge

Mineral  
Cartridge

#### Experience The FROG Difference!

- Enjoy clearer, cleaner spa water with the help of minerals.
- Soft feeling water that's easier on your skin.
- Reduces faded swimsuits and smelly odors.
- FROG offers more fun - relaxation and peace of mind.

90-45-1007 E039411553051143R4B

### SPA FROG MINERAL & BROMINE SPA CARE



Mineral Hybrid Water Care

#### Adopt a FROG\* for Worry-Free Water!

- Less work with no daily dosing.
- Reduce bromine use up to 50%.
- Adopt an easier, more fun spa environment.

\* Compared to the minimum ANSI recommended bromine level of 2.0 ppm in a spa.

### SPA FROG FLOATING SYSTEM



Mineral Hybrid Water Care



Floating  
Module



Bromine  
Cartridge

Mineral  
Cartridge

#### Experience The FROG Difference!

- Enjoy clearer, cleaner spa water with the help of minerals.
- Soft feeling water that's easier on your skin.
- Reduces faded swimsuits and smelly odors.
- FROG offers more fun - relaxation and peace of mind.

10-3/16"

CREATIVE GRAPHICS  
 4 5/32 X 4 5/32 X 7 3/32  
 4 PACK BROMINE/MINERALS  
 DATE: September 2007  
 CAD# CRE018A  
 PRINTED SIDE SHOWN



NON PRINT OR  
COATING AREA

**CARTRIDGE KIT**  
For the SPA FROG® In-Line or Floating System



**Adopt a FROG® for Worry-Free Water!**

- Less work with no daily dosing.
- Reduce bromine use up to 50%\*.
- Adopt an easier, more fun spa environment.

\* Compared to the minimum ANSI recommended bromine level of 8.0 ppm in a spa.



**Experience the FROG® Difference!**

- Enjoy clearer, cleaner spa water with the help of minerals.
- Soft feeling water that's easier on your skin.
- Reduces faded swimsuits and smelly odors.
- FROG® offers more fun—relaxation and peace of mind.

Contains: **1 MINERAL CARTRIDGE** Lasts 4 months.  
**3 BROMINE CARTRIDGES** Each lasts 2-4 weeks.

**CARTRIDGE KIT**  
For the SPA FROG® In-Line or Floating System



**Adopt a FROG® for Worry-Free Water!**

- Less work with no daily dosing.
- Reduce bromine use up to 50%\*.
- Adopt an easier, more fun spa environment.

\* Compared to the minimum ANSI recommended bromine level of 8.0 ppm in a spa.



**Start-up your freshly-filled spa with FROG® Jump Start™**



Start-up is easier with the spa start-up shock packet with its effervescent fizzing action that shows it's working.

See your dealer for details.

90-44-2048  
03/09/13/3008

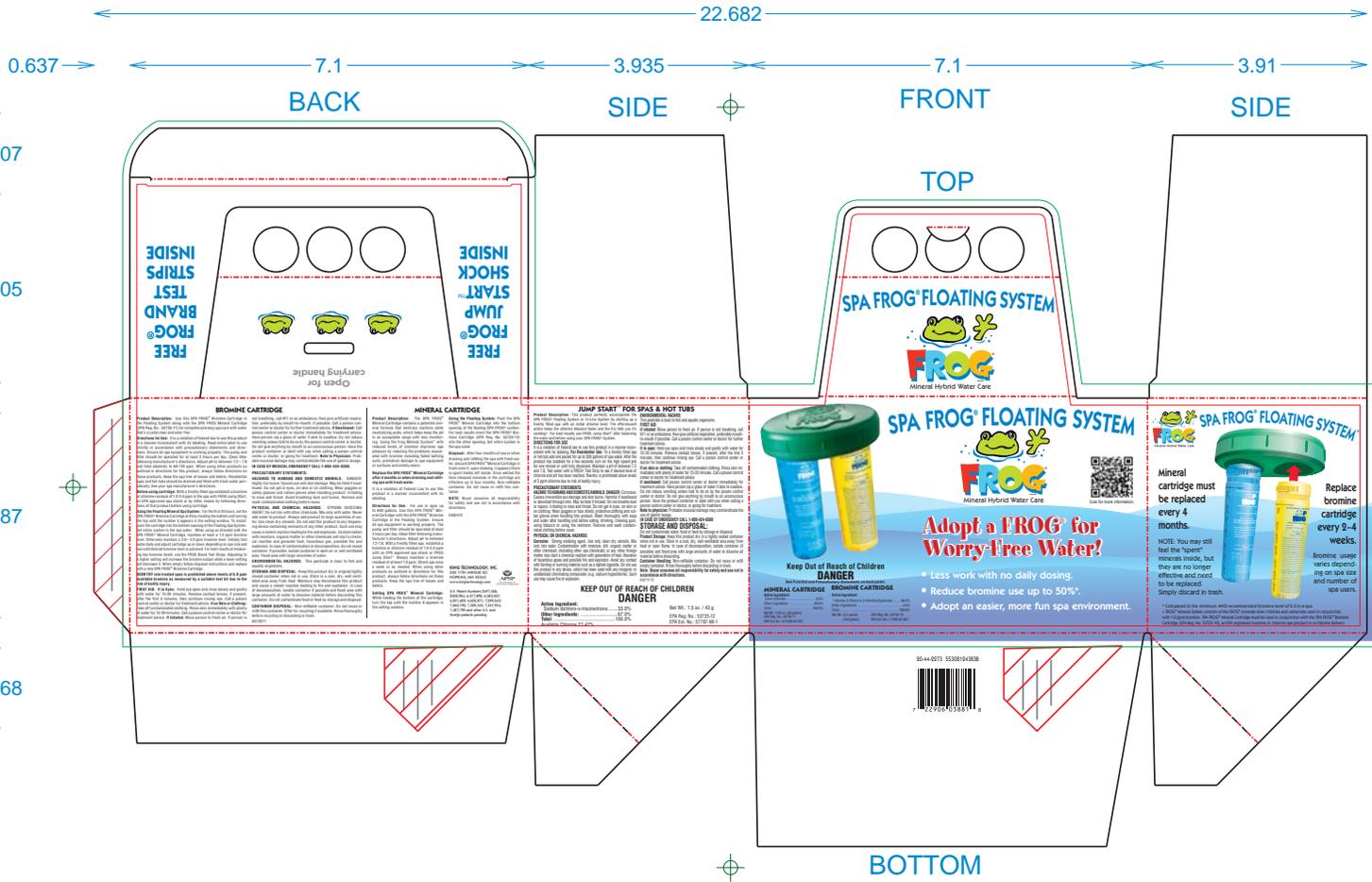
NON PRINT OR  
COATING AREA



NON PRINT OR  
COATING AREA



NON TEXT  
AREA



AMERICRAFT CARTON  
 CUSTOMER: KING TECHNOLOGIES  
 DATE: 01/05/12  
 SIZE: 7.1 X 3.935 X 4.187  
 BLANK SIZE: 12.811 X 22.682  
 CAD# KING006C

DESC: SPA FROG FLOATING SYSTEM  
 DATE: 01/05/12  
 UPC TO BE AT 100% MAGNIFICATION  
 PAPER BOARD  
 PRINTED SIDE SHOWN

- CUT ————
  - CREASE - - - -
  - PARTIAL CUT - · - -
  - CUT/CREASE - · - -
  - BLEED LINE - · - -
  - COPY CLEAR - - - -
  - MARGIN ————
- (NON PRINT OR COATING) GLUE AREAS
  - NO COATING/K.O. AREA

**BROMINE CARTRIDGE**  
 Product Description: This product is a bromine cartridge for use in the SPA FROG Floating System. It is designed to provide a continuous supply of bromine to the spa water, helping to maintain a consistent level of bromine in the water. The cartridge is made of a durable plastic material and is designed to fit snugly into the SPA FROG Floating System. It is important to replace the cartridge regularly to ensure proper operation of the system.

**MINERAL CARTRIDGE**  
 Product Description: This product is a mineral cartridge for use in the SPA FROG Floating System. It is designed to provide a continuous supply of minerals to the spa water, helping to maintain a consistent level of minerals in the water. The cartridge is made of a durable plastic material and is designed to fit snugly into the SPA FROG Floating System. It is important to replace the cartridge regularly to ensure proper operation of the system.

**KEEP OUT OF REACH OF CHILDREN  
 DANGER**

Active Ingredient: 100% Bromine  
 Other Ingredients: 0%  
 Total Weight: 1.00 lb (454 g)  
 Net Wt. 1.00 lb (454 g)  
 Net Wt. 12.811 x 22.682  
 Net Wt. 1.968

**SPA FROG FLOATING SYSTEM**  
 Mineral Hybrid Water Care

**Adopt a FROG for Worry-Free Water!**

- Less work with no daily dosing.
- Reduce bromine use up to 50%\*.
- Adopt an easier, more fun spa environment.

**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 "spicy" mineral taste, but they are no longer effective and need to be replaced. Simply discard in trash.

**KEEP OUT OF REACH OF CHILDREN  
 DANGER**

**AMERICRAFT CARTON**



## Regular Spa Care



1. Run filtration system as recommended by your spa manufacturer.



2. Regularly test water for pH, total alkalinity and bromine levels with the precise FROG® Brand Test Strips.

3. Maintain at least a 1.0 ppm bromine level at all times.



### KING TECHNOLOGY, INC.

530 11th Avenue South • Hopkins, MN 55343  
952-933-6118 • FAX 952-933-2206 • www.kingtechnology.com



4. 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.**



Reminder Stickers

5. Remember to replace SPA FROG® Mineral Cartridge and SPA FROG® Bromine Cartridge as directed under "Replacing Cartridges."

U.S. Patents D497,406; D502,984; 6,217,892; 6,383,507; 6,551,609; 6,652,871; 7,059,540; 7,060,190; 7,329,345; 7,347,934; 7,487,790 and other U.S. and Foreign Patents Pending

#20-48-0157 E032411553081143R7N

EPA Est. No.: 071209-AZ-001

## SPA FROG® FLOATING SYSTEM OPERATING INSTRUCTIONS

### FROG® OFFERS MORE FUN!

- Cuts Bromine Use Up to 50%\*
- Cuts Maintenance Time
- Helps Maintain a Neutral pH
- Floats in Any Spa



## Adopt a FROG® for Worry-Free Water!

- Take FROG home and experience softer water with a crystal clear shine.
- Make FROG a part of your family.
- Adopt an easier, more fun spa environment.

\* Compared to the minimum ANSI recommended level of bromine level of 2.0 in a spa.

## Cuidado habitual del spa



1. Haga funcionar el sistema de filtrado según las recomendaciones del fabricante del spa.



2. Controle con regularidad los niveles de pH, alcalinidad total y bromo del agua con preciso tiras de prueba FROG® Test Strips.

3. Mantenga siempre un nivel de bromo de por lo menos 1,0 ppm.



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4. Hágale un tratamiento de choque al spa una vez a la semana o como fuera necesario. **Se puede requerir un tratamiento de choque adicional si el spa se usa mucho. Por lo general, esto sucede cuando el spa es nuevo.**

Adhesivos recordatorios



Número de patente en los EE.UU.: D497,406; D502,984; 6,217,892; 6,383,507; 6,551,609; 6,652,871; 7,059,540; 7,060,190; 7,329,345; 7,347,934; 7,487,790 y otras patentes pendientes de los EE.UU. y otros países.

E032411553081143R7N  
Número de establecimiento EPA Est. No.: 071209-AZ-001 #20-48-0157

## SPA FROG® FLOATING SYSTEM INSTRUCCIONES DE USO

### FROG® AUMENTA LA DIVERSIÓN!

- Reduce el bromo hasta en un 50%\*
- Reduce el tiempo de mantenimiento
- Ayuda a mantener un pH neutro
- Flota en cualquier spa



## ¡Adopte un FROG® para disfrutar del agua sin preocupaciones!

- Lleve un FROG a casa y goce de agua más suave, con un brillo diáfano como el cristal.
- Haga de FROG parte de su familia.
- Adopte un ambiente de spa más divertido y fácil.

\* En comparación con el nivel mínimo de bromo de 2.0 recomendado por el ANSI para un 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.
- 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. Do not use a non-chlorine shock.

#### WATER BALANCE GUIDELINES

pH:	7.2 - 7.8
Total Alkalinity:	80 - 180 ppm
Calcium Hardness:	150-400
Total Dissolved Solids:	<1500
Free Bromine:	1.0 - 2.0 ppm

NOTE: Bromine levels are lower only when used with FROG minerals

\*For best results use FROG® Jump Start that quickly dissolves with an effervescent fizzing action - one pack per 500 gallons.



## Puesta en marcha del spa

- Siempre vacíe y vuelva a llenar el spa por lo menos cada 4 meses.
- Limpie o cambie los cartuchos del filtro cuando se ensucien ( *siga las instrucciones del fabricante*).
- Equilibre el agua de acuerdo a la tabla.
- Caliente el agua a la temperatura recomendada antes de usar los cartuchos.

### ¡Muy importante!

Antes de usar los cartuchos, establezca un nivel residual inicial de 1.0 a 2.0 ppm de bromo o cloro. No utilice un tratamiento de choque sin cloro.

\*Para obtener los mejores resultados, utilice FROG® Jump Start, que se disuelve rápidamente con una acción efervescente; un paquete por cada 500 galones (1,892.5 litros).



#### PAUTAS PARA EL EQUILIBRIO DEL AGUA

pH:	7.2 - 7.8
Alcalinidad Total:	80 - 180 ppm
Dureza del calcio:	150-400
Total de sólidos disueltos:	<1500
Bromo libre:	1,0 - 2,0 ppm

NOTA: los niveles de bromo son menores solo cuando éste se utiliza con los minerales FROG.

Use FROG® Brand Test Strips to accurately maintain the reduced 1.0 to 2.0 ppm bromine level following the label directions carefully.

- 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.
- 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.



Utilice las tiras de prueba FROG® Test Strips para mantener con exactitud el nivel reducido de 1.0 a 2.0 ppm de bromo, siguiendo atentamente las instrucciones en la etiqueta.

- Comience con los procedimientos para el cuidado habitual del spa (vea la contraportada) tras finalizar la puesta en marcha.



## Instalación de los cartuchos

- Programe el cartucho azul de minerales completamente abierto en el N.º 6 sosteniendo la parte inferior y girando la parte superior hasta que aparezca el número 6 en la ventana de programación. No se necesitan ajustes adicionales.
- En un spa que fue recién llenado, primero programe el cartucho amarillo de bromo en el N.º 5 para las primeras 24 horas **SOLAMENTE**. Después, durante la primera semana aproximadamente, antes de cada uso, controle el agua y ajuste el cartucho de a una posición por día hasta que el bromo se establezca en por lo menos 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 SPA FROG® Floating System free-float in the spa.

REUSABLE HOLDER



- When using the spa, simply remove the SPA FROG® System, 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!

## Cómo usar el SPA FROG® Floating System

SUJETADOR REUTILIZABLE

- Introduzca ambos cartuchos en el sujetador flotante hacia las aberturas hasta que queden fijos.
- Deje que el SPA FROG® Floating System flote libremente en el spa.



- Cuando use el spa, simplemente saque el SPA FROG® Floating System vierta la mayor parte del agua dentro del spa y colóquelo invertido a un costado del spa para que todo el exceso de agua vaya al sujetador.

• ¡RECUERDE VOLVER A COLOCARLO EN EL AGUA CUANDO DEJE SE USAR EL SPA!

## Replacing Cartridges

- The SPA FROG® Mineral Cartridge must be replaced every 4 months. After four months of use, or when draining and refilling the spa with fresh water, discard SPA FROG® Mineral Cartridge 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 the product.
- Replace the SPA FROG® 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.

## Cómo cambiar los cartuchos

- Debe cambiar el SPA FROG® Mineral Cartridge cada 4 meses. Después de cuatro meses de uso, o cuando vacíe y vuelva a llenar el spa con agua nueva, deseche el SPA FROG® Mineral Cartridge aún cuando, después de agitarlo, pareciera que todavía quedaran sustancias en el interior. Una vez que los minerales de liberación gradual del cartucho se mojan, éstos tienen efecto hasta cuatro meses. No intente volver a usar el producto una vez que lo saque del spa. Para acordarse fácilmente de reemplazarlo, marque su calendario con los adhesivos recordatorios que vienen con el producto.
- Cambie el SPA FROG® Bromine Cartridge cuando esté vacío. Vierta el agua para asegurarse de que esté vacío y deséchelo. La duración del cartucho dependerá de la medida del spa y de la cantidad de usuarios. Una vez que determine su uso, marque el calendario con los adhesivos recordatorios que se adjuntan.