

# @ease Floating Sanitizing System Operation Instructions

This is not a toy. For sanitizing hot tubs only!

Welcome to Fresh Mineral Water® with SmartChlor™ Technology courtesy of FROG®. This hot tub water care system+ destroys bacteria to keep your hot tub clean with less work and up to 75% less chlorine.\*

There are two cartridges – the top one holds our patented mineral formula while the bottom one has a different kind of chlorine that is smart about when it's needed and when it's not. Simply connect the two cartridges and toss into the hot tub. Everything is pre-filled and contained for no mess, no guess and no stress hot tub care. The best part is it flips over when it's time to replace the chlorine cartridge.

Register your @ease™ Floating Sanitizing System at [KingTechnology.com](http://KingTechnology.com)

## Hot Tub Start Up

- Always drain and refill hot tub at least every 4 months. If previously using bromine and switching to @ease SmartChlor, you must drain and refill your hot tub first. If previously using dichlor you may convert to SmartChlor without having to drain the hot tub.
- Clean and replace filter cartridges when dirty (Follow manufacturer's instructions).
- Use @ease™ Test Strips included in the package to balance your pH, Total Alkalinity and Calcium Hardness according to the Water Balance Guidelines. This hot tub system will maintain the free chlorine level of 0.5 to 1.0 ppm. pH is affected by bather load, chemical usage, evaporation and the make-up of your source water.
- Heat water to recommended temperature before using cartridges.
- Very Important!** Before using cartridges, establish an initial residual of 0.5 - 1.0 ppm free chlorine with FROG® Jump Start™ start-up shock, included in this package, that quickly dissolves with an effervescent fizzing action – one packet per 500 gallons.

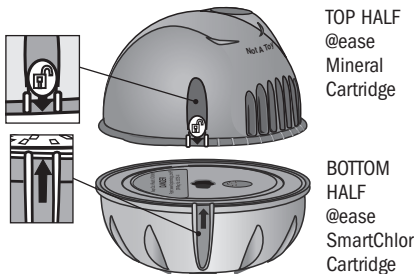
### WATER BALANCE GUIDELINES

pH:	7.2 – 7.8
Total Alkalinity:	80 - 120 ppm
Calcium Hardness:	150-250
Total Dissolved Solids:	<1500
Free Chlorine:	0.5-1.0 ppm
Note: Free Chlorine levels are reduced up to 75%* when using FROG minerals	



## Using the @ease Floating System

- Remove outer packaging from both the mineral and chlorine cartridges and while holding the @ease SmartChlor Cartridge over the hot tub, remove the protective seal and allow any loose particles to fall into the water. Bring the two cartridges together and line up the arrows. Push together and twist to lock.



- Twist the dial on the bottom cartridge to the setting number for your hot tub size (see chart).

@ease Setting Chart	
Gallons	Setting #
200	1
300	2
400	2
500	3
600	4



- Once set, simply toss it into the hot tub.
- Follow regular hot tub water care procedures below.

## Replacing the @ease SmartChlor Disinfectant Cartridge

When the product is almost empty, it will slowly flip over giving you notice that it's about time to replace the @ease SmartChlor Cartridge. If it stays on its side longer than a day or two, pull unit out of the water and let it drain. Reset it in the water to see if it flips completely.



When it completely flips over replace by rotating the two cartridges until the arrow on the @ease SmartChlor Chlorine Cartridge aligns with the unlock symbol on the @ease Mineral Cartridge and pull apart. Follow "Using the @ease Floating System" directions for attaching a new chlorine cartridge.



Do not remove the @ease SmartChlor Cartridge until the system has completely flipped. If the chlorine cartridge still contains a small amount of chlorine after the system has flipped over, place in the hot tub alone until completely empty. Do not allow the @ease SmartChlor Cartridge to sink to the bottom or bleaching of the hot tub surface could occur. When completely empty, discard in trash or offer for recycling.

## Regular Hot Tub Care



- Run filtration system as recommended by your hot tub manufacturer or at least 3 hours per day.



- Periodically test the water for pH, Total Alkalinity, Calcium Hardness and chlorine levels with the precise @ease™ Test Strips that include special directions for using with these products. The @ease SmartChlor Cartridge forms a chlorine reserve that is measured as total chlorine on a standard test strip/kit. This chlorine reserve readily shifts to free chlorine as needed to maintain our recommended low level of chlorine. Based on average hot tub usage, chlorine will last about 3-4 weeks for hot tubs of 400 gallons.



- Shock the hot tub with a non-chlorine shock when you replace the @ease SmartChlor Cartridge or once a month or if the water looks cloudy. With @ease SmartChlor Cartridge, far less shocking is required compared to standard water treatments that require weekly shocking or shocking after every use.



- Replace the @ease SmartChlor Cartridge when the system flips over. Replace the complete @ease Floating System every four months or when draining and refilling the hot tub. Even if, upon shaking the mineral cartridge, it appears there is spent media left inside, once wetted the time released minerals in the cartridge are effective up to four months.

NOTE: This product may be removed from the hot tub when in use. Lift out of the water and let drain into the hot tub. Then place on any surface that is not susceptible to bleaching from the chlorine. Remember to replace the product once exiting the hot tub.

+ @ease System consists of the FROG minerals silver chloride and carbonate used with 0.5 ppm of @ease SmartChlor Cartridge. The @ease Mineral Cartridge must be used in conjunction with the @ease SmartChlor Cartridge (EPA Reg. No. 53735-14).  
\* Compared to the minimum ANSI recommended chlorine level of 2.0 ppm for a hot tub.

## @ease™ Mineral Cartridge

### Active Ingredient:

Silver Chloride ..... 0.5%  
Other Ingredients: .... 99.5%  
Total: ..... 100.0%

EPA Reg. No. 53735-11  
EPA Est. No. 71209-AZ-001

KEEP OUT OF REACH OF CHILDREN  
**CAUTION**

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

**Directions for Use:** For use in hot tubs up to 600 gallons. Use with the @ease SmartChlor Cartridge. Ensure all hot tub equipment is working properly. Operate the pump and filter for at least 3 hours per day. Clean filter following manufacturer's directions. May be used with a previously filled hot tub unless it was sanitized with bromine. Then drain and fill the hot tub with fresh water.

**Start-up:** Balance the water according to the water balance guidelines with pH between 7.2 – 7.8 and total alkalinity at 80 to 120 ppm. Establish a free chlorine residual of 0.5 to 1.0 ppm in the hot tub with Frog Jump Start start-up shock or an EPA approved hot tub chlorine shock following the directions for that product. When using other products as outlined in directions for this product, always follow directions on those products.

### To assemble:

- Remove outer packaging
- Peel off protective seal from the flat part of the @ease SmartChlor Cartridge
- Align arrows on blue mineral cartridge and silver chlorine cartridge
- Push together and twist to lock
- Set the dial on the chlorine cartridge (see Setting Chart in manual)
- Place entire system in the hot tub water.
- Shock the hot tub when replacing an @ease SmartChlor Cartridge or once a month

**Replacing the Cartridges:** Replace the @ease SmartChlor Cartridge when the system flips over. Follow label directions carefully. After four months or when draining and refilling the hot tub, replace the @ease System.

## @ease™ SmartChlor™ Cartridge

### Active Ingredients:

1.3-dichloro-5, 5-Dimethylhydantoin ..... 81.1%  
1.3-dichloro-5-ethyl-5-methylhydantoin .... 16.1%  
Other Ingredients: ..... 2.8%  
Total: ..... 100.0%

EPA Reg. No. 53735-14  
EPA Est. No. 71209-AZ-001

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- Shock the hot tub when replacing an @ease SmartChlor Cartridge or once a month

**Replacing the Cartridges:** When the system flips over, replace the @ease SmartChlor Cartridge by rotating the two cartridges until the arrows align and pull apart. Drain the water from the old @ease SmartChlor Cartridge and shake slightly to see if it is empty. Follow disposal instructions and replace with a new @ease SmartChlor Cartridge. Do not discard or recycle cartridge if a small amount of chlorine remains. Place in the hot tub to float on its own until completely empty

- Keeping the pH in the proper range of 7.2 to 7.8 will allow the @ease SmartChlor Cartridge to keep the free chlorine level between 0.5 and 1.0 ppm with little adjusting.
- With the @ease SmartChlor Cartridge less shocking is required because it maintains a consistent level of sanitization even when people enter the hot tub.

**REENTRY into treated hot tubs is prohibited above levels of 5 ppm available free chlorine as measured by a suitable test kit due to risk of bodily injury.**