Product Description: A complete two part system for hot tubs up to 600 gallons consisting of the @ease Mineral Cartridge and the @ease SmartChlor Cartridge which together provide Fresh Mineral Water® that is cleaner because it kills bacteria two ways, clearer because the minerals help keep the pH in an acceptable range with less monitoring and softer because minerals condition the water and with 75% less chlorine*, the water feels soft and doesn’t fade swimsuits, damage equipment or create smelly odors. Replace the @ease Mineral Cartridge after 4 months or when draining and refilling hot tub with fresh water. It is a violation of Federal Law to use this product in a manner inconsistent with its labelling.

Directions for Use: For use in hot tubs up to 600 gallons. Use this @ease Mineral Cartridge with the @ease SmartChlor Cartridge in the @ease In-Line System. 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. Adjust pH to between 7.2-7.8. With a freshly filled hot tub, begin with FROG Jump Start start-up shock, that came in the package, following directions on that product. Always maintain a chlorine residual with @ease SmartChlor Cartridge of 0.5 to 1.0 ppm (EPA Reg. No.: 53735-14). Shock hot tub when you replace an @ease SmartChlor Cartridge or once a month. When using other products as outlined in directions for this product, always follow directions on those products. Keep the hot tub free of leaves and debris.

**Setting @ease Mineral Cartridge:** While holding the bottom of the cartridge, turn the top until the number 6 appears in the setting window.

**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 @ease 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 @ease SmartChlor Cartridge (EPA Reg. No.: 53735-14) in the area marked “Bromine or SmartChlor” (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.

**Disposal:** After four months of use or when draining and refilling the hot tub with fresh water, discard @ease 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.*

+ @ease System consists of the FROG minerals silver chloride and carbonate used with 0.5 ppm SmartChlor Cartridge. The @ease Mineral Cartridge must be used in conjunction with the @ease SmartChlor Cartridge (EPA Reg. No: 53735-14).
Step 1: Prepare the Hot Tub

1. Fill hot tub with fresh water. If using source water that is high in iron or other metals, see your dealer before filling the hot tub. It may require the use of a metal control product.

2. Clean or replace filter cartridges. (Follow manufacturer’s instructions).

3. Balance water by following STEPS a – d in order.

   a. Take a water sample from the hot tub and dip an @ease® Test Strip into it. If the pH is affected by bather load, chemicals used, evaporation and the make-up of your source water, so maintaining water balance regularly is important.

   b. Look at the Total Alkalinity reading first. Adjustments should be made to bring the Total Alkalinity in the range of 80 – 120 ppm prior to making any adjustments to pH even if it throws pH off further.

   c. After Total Alkalinity is in range, test for pH. It should be between 7.2 and 7.8. If higher or lower, add a pH adjuster.

   d. Lastly test for Calcium Hardness. It should be between 150 and 250 ppm. If higher, partially drain the hot tub (about 6 inches) and fill with water low in calcium. If lower, add Calcium Increaser. If balancing takes longer than 2 days, shock the water and maintain a chlorine level while continuing balancing.

   Very Important! Before using cartridges, establish an initial residual of 0.5 - 1.0 ppm free chlorine with FROG® Jump Start® (EPA Reg. No.: 53735-12) start-up shock, included in this package, that quickly dissolves with an effervescent fizzing action – one packet per 500 gallons.

4. Heat water to the manufacturer’s recommended temperature.

5. Begin routine hot tub care (see Step 4: Routine Hot Tub Care) as soon as hot tub is prepared.

Step 2: Set the Cartridges

1. Snap the @ease Mineral Cartridge into the area marked "Minerals" (top portion) and the @ease SmartChlor Cartridge into the area marked "Bromine or SmartChlor" (bottom portion) making sure to line up the indentation at the top of the cartridges with the raised area on the holder.

2. Open cap of In-Line System and set aside. DO NOT OPEN CAP WHILE JETS ARE ON.

3. Remove holder by pushing down and turning counter clockwise before pulling out.

4. Set the silver SmartChlor Cartridge to the setting that matches your hot tub size in gallons. SmartChlor will maintain a low 0.5 to 1.0 ppm chlorine level as long as the pH stays within 7.2 and 7.8. Set the blue Minearl Cartridge to hold the bottom and turn the top until 6 appears in the window. No further adjustments are necessary for the life of the cartridge.

Step 3: Put the System to Work

1. Open cap of In-Line System and set aside. DO NOT OPEN CAP WHILE JETS ARE ON.

2. Remove holder by pushing down and turning counter clockwise before pulling out.

3. Snap the @ease Mineral Cartridge into the area marked "Minerals" (top portion) and the @ease SmartChlor Cartridge into the area marked "Bromine or SmartChlor" (bottom portion) making sure to line up the indentation at the top of the cartridges with the raised area on the holder.

4. Slowly insert holder into system (see diagram). Line up holder arrow (1) with system arrow (2). Push down until holder tabs (6) 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.

5. Replace silver SmartChlor Cartridge when empty.

   • Lift of cartridges varies depending on hot tub size and number of users.
   • Drain water from cartridge to ensure it is empty.
   • Discard in trash or recycle.

Step 4: Routine Hot Tub Care

1. Drain and refill hot tub as directed by your hot tub manufacturer or every four months when FROG® minerals need to be replaced.

2. Run filtration system as the manufacturer recommends to maintain proper water flow through the In-Line System.

3. Regularly test water with @ease Test Strips and follow directions in Step 1 for maintaining pH, Total Alkalinity and Calcium Hardness.

   NOTE: pH is affected by bather load, chemicals used, evaporation and the makeup of your source water so maintaining water balance regularly is important.

4. SmartChlor will maintain a 0.5-1.0 ppm free chlorine level as long as the water is balanced.

   NOTE: Free Chlorine levels are reduced up to 75%* when using FROG Minerals.

   • Why Use Test Strips? The SmartChlor cartridge forms a chlorine reserve that will be inaccurately measured as total chlorine on other test strips. Unlike conventional chlorine, the SmartChlor reserve readily shifts to free chlorine as needed, maintaining spa health with a low level of chlorine.

   • Shock the hot tub with a non-chlorine shock when you replace the SmartChlor Cartridge or once a month.

5. Replace your SmartChlor Cartridges and the complete @ease system as directed.

6. Lubricate in-line holder o-ring twice a year with a silicone lubricant.

Troubleshooting

- Cloudy Water or Low-Chlorine Levels
  • Check water balance, pH and Total Alkalinity need to be in the proper ranges for the @ease In-Line System to work correctly.

- High Chlorine Levels
  • This is highly unlikely with @ease because SmartChlor is self-regulating. However, if you use shock treatment strips, it may appear that total chlorine is higher than the free chlorine.

   • No worries—the strip is measuring the SmartChlor reserve, which will shift to free chlorine as needed. Please always use the @ease Test Strips that were included with your System.

Learn more at www.FrogProducts.com or call 800.222.0169

@ease is the hot tub sanitizing system that takes the guess work out of water care so you always feel at ease while enjoying your hot tub.

• @ease creates Fresh Mineral Water™ that’s cleaner, clearer and softer.

• @ease employs SmartChlor® Technology that knows when and how much free chlorine is needed so it uses less.

• @ease requires far less shocking – only once a month!
El sistema en línea consta de:
(A) un tapón que se distingue fácilmente entre los conectores en la parte superior del jacuzzi
(B) un portacartuchos que contiene el sistema en línea
(C) un cartucho de @ease minerales que ayuda a controlar las bacterias en el agua y
(D) un cartucho @easeSmartChlor que apoya a los minerales a la vez que oxida contaminantes, como aceites corporales y compuestos con aromas, que son responsables de las olor desagradables. Los cartuchos son ajustables para satisfacer las necesidades de cuidado específicas de su jacuzzi.

Añada el Cloro a su nivel de cloro mientras continúa intentando equilibrar el agua. Asegúrese de mantener el cloro en un 75%* por encima del nivel mínimo recomendado por el ANSI. PARA UN CALORIDO DE 2,0 por encima del Nivel Mínimo de Bromo recomendado por el ANSI PARA USTED.

Si está más alta, vacíe parcialmente el jacuzzi en el sistema en línea. Si está más baja, agregue cloro al agua siguiendo los PASOS D de la página 10.

Si utiliza agua que proviene de una fuente que contenga metales, como aceites corporales, y compuestos con aromas, que son responsables de los olor desagradables. Los cartuchos son ajustables para satisfacer las necesidades de cuidado específicas de su jacuzzi.

La Alcalinidad Total debe estar entre 7,2 y 7,8 para que SmartChlor se regule automáticamente. Si está fuera de este rango, debe ajustarse de forma manual (ver la página 13).

NOTA: El equilibrio del agua es afectado por las fluctuaciones de pH y alcalinidad total y puede cambiar con el tiempo. Mantenga un equilibrio del agua en forma regular.

¿Niveles altos de cloro?
- Quite el cartucho de minerales FROG. Debe estar entre 7,2 y 7,8: si es más alto, vacíe parcialmente el jacuzzi en el sistema en línea.
- Reemplace el cartucho de minerales FROG dos veces por mes. Si el pH y la alcalinidad total deben estar dentro de los límites apropiados para el sistema en línea @ease, reemplace el cartucho de minerales FROG dos veces por mes.
- Revise el cartucho de minerales FROG: el cartucho es gastado después de 4 meses de uso. Si el cartucho es gastado, no puede realizar el tratamiento de choque.

¿Niveles bajos de cloro?
- Prepare el jacuzzi siguiendo los PASOS D de la página 10.
- Invierta el cartucho del sistema en línea hasta que el nivel de cloro esté dentro del rango del sistema en línea @ease.
- @ease requiere menos tratamientos de choque: solo una vez al mes!

¿Niveles altos de bromo?
- Prepare el jacuzzi siguiendo los PASOS D de la página 10.
- Invierta el cartucho del sistema en línea hasta que el nivel de bromo esté dentro del rango del sistema en línea @ease.
- Revise el cartucho de minerales FROG: el cartucho es gastado después de 4 meses de uso. Si el cartucho es gastado, no puede realizar el tratamiento de choque.

¿Niveles bajos de bromo?
- Prepare el jacuzzi siguiendo los PASOS D de la página 10.
- Invierta el cartucho del sistema en línea hasta que el nivel de bromo esté dentro del rango del sistema en línea @ease.
- Revise el cartucho de minerales FROG: el cartucho es gastado después de 4 meses de uso. Si el cartucho es gastado, no puede realizar el tratamiento de choque.

Si utiliza agua que proviene de una fuente que contiene metales, consulte con el servicio al cliente para obtener más información.

NOTA: Los niveles de cloro se reducen hasta en un 75%* al usar el cartucho de minerales @ease. Sin los minerales, el sistema @ease no será suficiente para mantener un flujo de agua que es más limpia, más transparente y más suave.