



Water Chemistry 101: Changes to your hot tub's Water Chemistry are normal and can happen rapidly based on many factors including bather load, water temperature, and water level. Regular testing and chemistry adjustments are recommended for a fun and safe hot tub ownership experience. The following guide outlines our recommended steps that you should take to maintain your hot tub's Water Chemistry.

Don't worry! You'll be a pro in no time!

Have these ready:

- SpaGuard® Stain & Scale Control*
- Test Strips
- SpaGuard® Chlorinating Concentrate*
- In-line Cartridges or Floater



Pro Tip! Read product labels for detailed instructions!

Start-Up Process: Take these steps during initial filling or refilling after draining.

1. Fill hot tub with water: First, remove filter and filter basket. Then, add water directly to your hot tub through the filter compartment. Fill to above all jets and just below pillows/headrests.
2. After filling, replace filter components and follow the manufacturer's instructions provided in your owner's manual to turn on your hot tub and begin heating. We recommend at least 80°F.
3. Add 1 oz. SpaGuard® Stain & Scale Control* per 300 gallons of water. (1 oz. = 4 capfuls)
4. Add 2 oz. of SpaGuard® Chlorinating Concentrate* per 500 gallons of water. Then, turn your jets on to their highest speed for 10-15 minutes or initiate "clean cycle" if applicable.

5. **A. For in-line system**, set mineral cartridge to setting #6, and set SmartChlor setting using chart A.

	Gallons	Setting		Gallons	Setting
	200-250	1		200-299	1
A.	251-300	2	B.	300-450	2
	301-450	3		451-550	3
	451-600	4		551-600	4

- B. For @Ease Floater**, follow assembly instructions and set setting using chart B.

6. Use a test strip to test Total Alkalinity, Calcium Hardness, and pH levels. Adjust as needed.

Total Alkalinity: 80-150 PPM | Calcium Hardness: 100-200 PPM | pH level: 7.2-7.8

Pro Tip! Alkalinity levels near 120 PPM will help stabilize pH levels.

Use these to adjust levels:

- Alkalinity Increaser
- pH Increaser
- pH Decreaser
- Calcium Increaser
- Vanishing Act



7. Optional, add 1 bottle EcoOne® Spa Monthly Conditioner* to help reduce skin irritation.

Hot Tub Start-Up & Maintenance Instructions

For FROG @Ease Floater/In-line

Pro Tip! Maintenance frequency may vary based on bather load and usage.

FROG @Ease 101: The FROG @Ease SmartChlor system is largely self-regulating and never produces more chlorine than necessary. Whether you are using the Floater or In-line cartridges, you can expect to replace the SmartChlor (silver) portion of the @Ease system every 2 to 5 weeks and the mineral (blue) portion every 3 to 4 months. It is optional to add SpaGuard® Shock-Oxidizer* after every use, but is only necessary every month. Do not add regular shock while using the SmartChlor system.

Every Week: Take these steps every week.

1. Test Total Alkalinity and adjust if needed. Recommended range: 80-150 PPM.
2. Test pH level and adjust if needed. Recommended range: 7.2-7.8
3. Test Chlorine level. Recommended range: .5-1.0 PPM.
4. Check @Ease SmartChlor levels to make sure it is not empty. Cartridge life lasts 2-5 weeks depending on hot tub size and usage load.
5. Add SpaGuard® Stain & Scale Control* following label instructions.

We recommend:

- @Ease Test Strips

Pro Tip! Low Total Alkalinity levels may cause fluctuating pH levels.



Every Month: Take these steps every month.

1. Remove filter from hot tub and spray filter thoroughly with a garden hose to remove all visible debris and contaminants.
2. Spray filter with SpaGuard® Filter Cleaner* following label instructions.
3. Rinse filter with garden hose and return filter to filter compartment.
4. Return filter to hot tub filter compartment.
5. Add 2 oz. of SpaGuard® Shock-Oxidizer.*
6. Optional, add 1 bottle EcoOne Spa Monthly Conditioner to reduce skin irritation.

We recommend:

- SpaGuard® Filter Cleaner*

Pro Tip! Dirty filters often prevent spas from heating correctly and can cause error codes.



Every 3 to 4 Months: Take these steps based on your hot tub usage.

1. Drain, clean, and polish your hot tub's interior and exterior. You can use a sump pump to expedite the draining process.
2. While your spa is draining, clean your filter.
3. Refill your spa and follow the Start-Up process outlined on the reverse page, including replacing @Ease SmartChlor and Mineral cartridges.

We recommend:

- 303 Aerospace Protectant*
- SpaGuard® System Flush*
- SpaGuard® Anti-Foam*

Pro Tip! Learn how to drain and clean your hot tub like a pro by scanning the QR code.

