

OTHER HELPFUL MAINTENANCE PROCEDURES

WEEKLY FILTER CLEANING/POD INSPECTION OR CHANGING THE PODS

It is advised to inspect and clean your filter cartridge every week and at the same time it is a good opportunity to check the condition of your AquaSParkle Bromine Pod.

1. Turn off the power to your hot tub.
2. Remove the cartridge filter cap if the AquaSParkle Bromine Pod is clipped into it and place the Pod into a clean bowl or bucket.

Alternatively lift the cartridge filter gently out of the hot tub if it contains the AquaSParkle Bromine Pod and carefully remove the AquaSParkle Bromine Pod, whilst the cartridge is still over the hot tub to avoid chemical leakage, before placing the AquaSParkle Bromine Pod into a clean bowl or bucket.

Inspect your AquaSParkle Bromine Pod if clipped to a dosing frame and if necessary re-clip a new Pod when tablets are fully eroded.

3. Take the cartridge filter and using a garden hose set at high pressure squirt water between the pleats, systematically working through the pleats from top to bottom to flush out all the dirt and debris. Use of AquaSParkle Instant Filter Cleaner spray will assist this cleaning process with application prior to hosing.
4. Whilst the filter is out of your hot tub, it's a good opportunity to check the condition of your AquaSParkle Bromine Pod, and if necessary, replace with a new Pod where tablets are fully eroded.
5. Replace the filter/re-attach your AquaSParkle Bromine Pod or install a new one if appropriate, prior to turning your power back on.

MONTHLY FILTER INSPECTION OR CHANGING

1. Follow the weekly filter cleaning instructions steps 1-3. After hosing down the cartridge, immerse the cartridge filter (only) for 24 hours in a quality filter cleaning solution such as that made up from AquaSParkle Cartridge Cleaner or "Immerse". Follow the product dosing instructions carefully.

DO NOT UNDER ANY CIRCUMSTANCES IMMERSE THE AQUASPARKLE BROMINE POD IN THE CARTRIDGE CLEANING SOLUTION AS AN EXPLOSION OR RELEASE OF TOXIC GASES MAY REACT.

2. After 24 hours, remove the cartridge filter from the cleaning solution and gently hose or use water to rinse the cartridge to wash off the residual cleaning solution, taking care not to splash the cleaning solution onto your person or clothing.
3. Leave the filter somewhere warm to dry out completely for at least 24 hours but ideally a week to help cartridge fibres re-tighten.

It's a good idea to have a replacement set of cartridges to use in the hot tub, whilst the others are being cleaned. Never run your hot tub without a cartridge filter installed.

4. Replace the filters and re-attach your AquaSParkle Bromine Pod or install a new Pod if appropriate, prior to turning your power back on.

PROBLEM SOLVING CHART

SYMPTOM	CAUSE	REMEDY
Chlorine high after commissioning	Overdose due to commissioning dose	Allow time to naturally dissipate or buy a chlorine reducer (liquid chlorine reducer is fast acting)
Bromine levels slow to pick-up	Initial Bromine Tablets taking a while to start eroding	Use Spa & Spa Pod Rapid Shock at start of Bromine Pod use, until tablets erode sufficiently
Cannot maintain adequate bromine levels	Sanitiser demand of water higher than sanitiser input	Adjust hole exposure on AquaSParkle Bromine Pod – more holes exposed
pH hard to control	Low alkalinity	Use TA Plus to raise total alkalinity
Cloudy water	Poor chemical controls or inadequate filtration	Clean or change cartridges and ensure sanitiser levels are adequate
Rough spa sides/edges	Scale formation	Ensure pH levels are correct and if scale persists (especially in hard water areas) use Spa ScaleAway routinely to keep calcium in the water
Varying test results	Air bubbles can increase pH and artificially reduce alkalinity	Test when system is turned "off" for consistent results
No readings on test kit	Too high chlorine/bromine causing bleaching of test inks (especially after commissioning)	Wait for chlorine/bromine levels to drop to under 15ppm. (use of chlorine/bromine reducer if necessary) then retest



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IN-LINE HOT TUB SANITATION

BROMINE POD

Simple, safe sanitisation for your hot tub!



USER INSTRUCTIONS

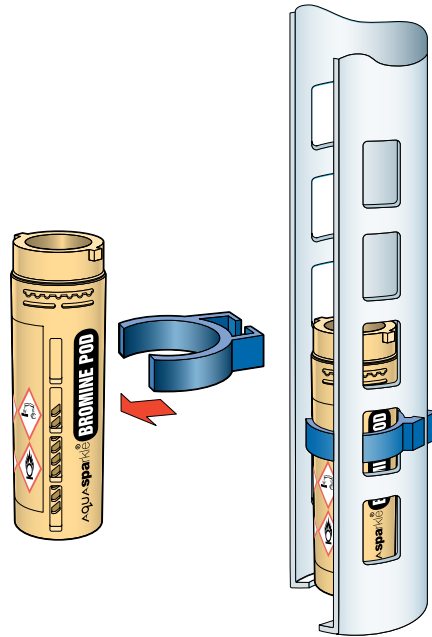
Congratulations on your purchase of AquaSParkle Bromine Pods. AquaSParkle Bromine Pods are an innovative, safe, convenient, and effective way to dispense bromine sanitiser in to your hot tub via an existing in-line proprietary hot tub dosing system, or by combining with a Darlly SaniStream™ filter to form a complete in-line filtration system. These complementary products combine the highest quality hot tub filter with AquaSParkle Bromine Pods to ensure sparkling clean water and safe, hygienic bathing conditions.

Please read these instructions carefully **BEFORE** using your AquaSparkle Bromine Pods.

FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN RISK OF EXPLOSION, FIRE, OR SERIOUS INJURY. Retain these instructions for future reference.

INSTRUCTIONS FOR USING IN A BUILT-IN PROPRIETARY HOT TUB DOSING SYSTEM (OR FRAME)

- Using protective gloves and eye protection, take one AquaSParkle Bromine Pod from the box, along with adaptor clip.
- Remove the protective plastic sleeve.
- Detach the chemical dispenser frame from your hot tub, following the hot tub manufacturer's instructions.
- Adjust the outer sleeve of the AquaSParkle Bromine Pod dispenser so that half the large holes are exposed.
- Attach the AquaSParkle Bromine Pod to the chemical dispenser frame or chamber using the adaptor clip provided. Ensure that the AquaSParkle Bromine Pod is firmly attached to the adaptor clip, and the adaptor clip is firmly attached to the chemical dispenser frame.

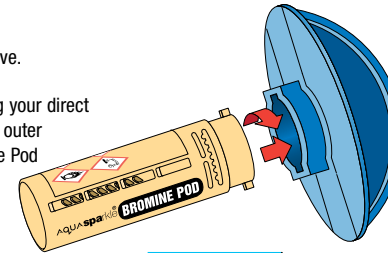
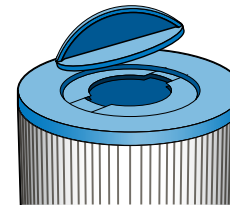


- Replace the chemical dispenser frame with the AquaSParkle Bromine Pod assembly back into your hot tub, following the hot tub manufacturer's instructions.
- It takes a while for bromine tablets to begin to dissolve so it may be appropriate to first shock treat to immediately establish chlorine or bromine residuals. Add the appropriate amount of Spa & Spa Pod Rapid Shock as per product label dosing instructions. Always test your hot tub water prior to use and maintain bromine levels between 4 to 6 mg/l (ppm).
- Check your bromine levels daily using a quality Comparator or Photometer test kit. Maintain bromine levels between 4 to 6 mg/l (ppm). If bromine levels are too low, rotate the outer sleeve of the AquaSParkle Bromine Pod dispenser to expose more holes. This will result in more bromine being released into your hot tub water. Re-test the water daily and repeat the process until correct bromine levels can be maintained. If bromine levels are too high, rotate the outer sleeve of the AquaSParkle Bromine Pod dispenser to expose fewer holes. This will result in less bromine being released into your hot tub water. Re-test the water daily and repeat the process until correct sanitiser levels can be maintained.

INSTRUCTIONS FOR USING WITH A DARLly SANIStream™ HANDLE-TOP CARTRIDGE FILTERS, OR OTHER CARTRIDGE FILTERS THAT CONTAIN A CAP THAT ACCOMMODATES THE CLIP-IN OF THE POD LUGS.

NB: FOR THIS PURPOSE, AQUASARKLE BROMINE PODS ARE COMPATIBLE WITH DARLly SANIStream™ HOT TUB CARTRIDGE FILTERS OR FILTER CAPS FITTED WITH MALE/FEMALE CLIPS THAT ACCOMMODATE THE POD LUGS.

- Remove the blue cap from the filter by rotating it anticlockwise and pulling until the cap comes away from the filter.
- Take one AquaSParkle Bromine Pod from the box and, using protective gloves and eye protection, install the AquaSParkle Bromine Pod into the blue filter cap by locating the two lugs in their corresponding slots and twisting the AquaSParkle Bromine Pod until it locks.
- Remove the protective plastic sleeve.
- If this is the first time, you're using your direct in-line filtration system, adjust the outer sleeve of the AquaSParkle Bromine Pod dispenser so that half the large holes are exposed.
- Replace the blue cap with the attached AquaSParkle Bromine Pod into the top of the filter by locating the two lugs in their corresponding slots and twisting the cap clockwise until it locks.
- It takes a while for Bromine Tablets to begin to dissolve so it may be appropriate to first shock treat to immediately establish chlorine or bromine residuals. Add the appropriate amount of Spa & Spa Pod Rapid Shock as per product label dosing instructions. Always test your hot tub water prior to use and maintain bromine levels between 4 to 6 mg/l (ppm).
- Replace the filter back into your hot tub and turn the power on.



- Check your bromine levels daily using a quality Comparator or Photometer test kit. Maintain bromine levels between 4 to 6 mg/l (ppm). If bromine levels are too low, rotate the outer sleeve of the AquaSParkle Bromine Pod dispenser to expose more holes. This will result in more bromine being released into your hot tub water. Re-test the water daily and repeat the process until correct bromine levels can be maintained. If bromine levels are too high, rotate the outer sleeve of the AquaSParkle Bromine Pod dispenser to expose fewer holes. This will result in less bromine being released into your hot tub water. Re-test the water daily and repeat the process until correct sanitiser levels can be maintained.



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INSTRUCTIONS FOR USING WITH A DARLly SANIStream™ OPEN-TOP FILTER, OR OPEN-TOP FILTERS FITTED WITH A STOPPER DEVICE IN THE CENTRE OF THE CARTRIDGE.

NB: DO NOT USE IN A CARTRIDGE WITHOUT A STOPPER DEVICE OR THE UNIT CAN FALL THROUGH AND BLOCK PIPEWORK.

- Take one AquaSParkle Bromine Pod from the box and, if this is the first time you're using your in-line filtration system, remove the protective plastic sleeve, adjust the outer sleeve of the AquaSParkle Spa Pod so that half the large holes are exposed. Use protective gloves and eye protection.
- Place the AquaSParkle Spa Pod into the filter by lowering it down into the top of the filter until it rests on the AquaSParkle Spa Pod retaining plate a few inches down.
- Place the filter back into your hot tub and turn the power on.
- It takes a while for Bromine Tablets to begin to dissolve so it may be appropriate to first shock treat to immediately establish chlorine or bromine residuals. Add the appropriate amount of Spa & Spa Pod Rapid Shock as per product label dosing instructions. Always test your hot tub water prior to use and maintain bromine levels between 4 to 6 mg/l (ppm).
- Check your bromine levels daily using a quality test kit. Maintain bromine levels between 4 to 6 mg/l (ppm). If bromine levels are too low, rotate the outer sleeve of the AquaSParkle Spa Pod dispenser to expose more holes. This will result in more bromine being released into your hot tub water. Re-test the water daily and repeat the process until correct bromine levels can be maintained. If bromine levels are too high, rotate the outer sleeve of the AquaSParkle Spa Pod dispenser to expose fewer holes. This will result in less bromine being released into your hot tub water. Re-test the water daily and repeat the process until correct bromine levels can be maintained.

