



# Unwind Spas Spa Set-Up Guide

**Water Chemistry 101:**  
When looking after your spa there are four key aspects of water chemistry shown in the table. Each aspect will have its own chemical product to maintain the optimal level.

Aspect of Water Chemistry	Optimal Range
Free Chlorine	2-4 ppm
Total Alkalinity	120-150 ppm
pH	7.4-7.6 ppm
Calcium Hardness	100-200 ppm

\*ppm = Parts per Million

## Adjusting Water Chemistry:

To determine how much of each chemical you will need to achieve optimal concentration levels, you'll need to calculate a few things:

- To Initially increase free chlorine to 3ppm add 40gm of **“Super Chlor”** per 1000L.
- To maintain free chlorine levels add 1tsp per person of **“Super Chlor”** after each use.
- To Increase your alkalinity level add 17gm of **“Alkalinity Up”** per 1000ltrs to achieve an increase of 10ppm. Repeat until optimal alkalinity level is achieved.
- To increase your pH add 20gm of **“Alkalinity Up”** then use test strips to observe change in pH; repeat step if required.
- To decrease pH add 5gm of **“pH Decrease”** per 1000ltrs to reduce spa pH by 0.1, repeat until optimal pH level is achieved.
- To increase your Calcium Hardness level add 14gm of **“Water Hardener”** per 1000ltrs to increase calcium level by 10ppm, repeat until optimum calcium level is achieved.

## Using Your Test Strips:

In your chemical start up kit you will find a tube of 50 test strips. These strips are your best tool in determining your water chemistry. Simply dunk one test strip into your spa water at elbow depth and stir lightly for 3 seconds. Observe the colour changes on the test strips and line up with the chart on the test strip



## Unwind Spas Water Capacity

Meditate	730lts
Relax	850lts
Serenity	1030lts
Soothe	1150lts
Elevate	1150lts
Invigorate	1220lts



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## Adding chemicals to your spa:

- Things dissolve better in hot, turbulent water. So when adding chemicals turn the jets on but keep the air valves closed.



Unwind Air Valve  
Keep closed  
when adding  
chemicals

- When adding any chemicals to your spa the best practise is to dissolve each chemical in a bucket or container of water. Then dissolve before pouring the slurry into your spa.

- To avoid cross contamination, allow five minutes between adding each chemical to your spa water.

- Be sure to leave the jets running for at least 5 minutes after you've added all chemicals.

## Contact Us

At Unwind spas we understand that learning water chemistry can be challenging, so we encourage you to flick us an email or give us a call if you need a hand. The only stupid question is the one you dont ask.

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