POOL WATER BALANCE

THE ESSENTIALS

pH Level Ideal Range: 7.4 - 7.6
pH measures the acidity of water. pH that is too low can damage your pool equipment and irritate your skin and eyes. pH that is too high can cause scale buildup, cloudiness, and reduce the effectiveness of sanitizers.

Alkalinity Ideal Range: 80 - 120 ppm
Alkalinity acts as a buffer for your pH, helping to prevent fluctuations. If your alkalinity is too low, your pH will fluctuate frequently. If it's too high, it can be difficult to adjust the pH.

Sanitizer Levels Ideal Range: 3 – 5 ppm
Sanitizers kill bacteria and viruses in your pool water. Chlorine and bromine are the most common sanitizers. If sanitizer is too high, it can cause eye and skin irritation. If it is too low, it can result in algae or harmful bacteria.

Stabilizer Ideal Range: 30 - 50 ppm
Stabilizer (also know as cyanuric acid) protects chlorine from burning off under UV rays. If too high, it can reduces chlorine's effectiveness, leading to algae and cloudy water. If too low, chlorine will burn off quickly resulting in poor sanitation and increased chemical use.

Calcium Hardness Ideal Range: 200 - 300ppm
Calcium hardness measures dissolved calcium in the water. If it is too low, the water becomes corrosive and can damage your plumbing and equipment. Too high a level can cause scaling.

WATER BALANCING

	Too Low?	Too High?
pH	Add pH+	Add pH-
Alkalinity	Add Alka+	Add pH-
Chlorine/ Bromine	Shock pool with liquid/granular chlorine or oxidizing shock. Make sure chlorinator/brominator/salt system is working as expected	Leave pool uncovered to allow excess sanitizer to burn off
Stabilizer	Add Stab Ultra pucks to skimmer	Dilute pool water
Calcium Hardness	Add Calcium+	Use All Out Ultra 4-in-1 Weekly

WHY IT MATTERS

Maintaining balanced pool water is crucial for several reasons. Properly balanced water helps ensure the safety and comfort of swimmers by preventing skin and eye irritation. It also protects the pool's equipment and surfaces from damage caused by corrosion or scaling. Additionally, balanced water enhances the effectiveness of sanitizers, ensuring that harmful bacteria and algae are kept at bay. Regularly testing your pool water and adjusting the water's pH, alkalinity, and sanitizer helps maintain a clean, safe, and long-lasting swimming environment.

Confused about your pools water balance?
Visit us for a FREE professional water test!