

Water Safety Month 2023

Why Should I Keep My Pool Balanced?

It is important to keep the pool balanced because it affects: operation, the condition of the pool equipment, longevity of pool surfaces, and positive bather experience.



What Happens When:

High 

Low 

	High 	Low 
<p>Chlorine</p> <p>2.0-4.0ppm</p>	<p>Eye/Skin Irritation</p> <p>Lung Irritation</p> <p>Corrosion of Metals</p> <p>Etching and Deterioration of Surfaces</p> <p>Heater Failure</p>	<p>Microbe and Bacteria Growth</p> <p>Algae Growth</p> <p>Chloramines Occur</p> <p>Eye/Skin Irritation</p> <p>Clogged Filters</p> <p>Water Unclean</p>
<p>PH</p> <p>7.2-7.8ppm</p>	<p>Scaling Water</p> <p>Clogged Filters</p> <p>Clogged Heater Elements</p> <p>Reduces Circulation</p> <p>Cloudy Water</p> <p>Metal Staining</p> <p>Chlorine inefficiency</p> <p>Eye/Skin Irritation</p>	<p>Corrosive Water</p> <p>Etching and Deterioration of Surfaces</p> <p>Corrosion of Metals</p> <p>Staining of Surface Walls</p> <p>Wrinkles in Liners</p> <p>Eye/Skin Irritation</p> <p>Dry Skin</p>
<p>Alkalinity</p> <p>80-120ppm</p>	<p>PH is Unstable</p> <p>Cloudy Water</p> <p>Rough Pool/Spa Surfaces</p> <p>Clogged Filters</p> <p>Clogged Heater Elements</p> <p>Reduced Circulation</p>	<p>PH Becomes Harder to Control</p> <p>Etching and Deterioration of Surfaces</p> <p>Heater Failure</p> <p>Dry and Itchy Skin</p>
<p>Calcium Hardness</p> <p>200-400ppm</p>	<p>Scaling Water</p> <p>Rough Pool/Spa Surfaces</p> <p>Clogged Filters</p> <p>Cloudy Water</p> <p>Clogged Heater Elements</p> <p>Reduced Circulation</p> <p>Eye Skin Irritation</p>	<p>Corrosive Water</p> <p>Etching and Deterioration of Surfaces</p> <p>Heater Failure</p> <p>Water starts seeking calcium from other sources- including the surface of pool</p>
<p>Cyanuric Acid</p> <p>15-20ppm</p>	<p>Cloudy Water</p> <p>Affects Alkalinity Readings</p> <p>Outdoor Pool Only</p>	<p>Cannot Maintain Proper Sanitizer Levels</p> <p>Outdoor Pool Only</p>