

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 

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

Water Safety Starts With Safe Water