

COMMON POOL CALCULATIONS

Break Point Chlorination

Breakpoint chlorination" means to create a hygienic environment in the pool by raising the free available chlorine level to 10 times the combined chlorine level to achieve the destruction of chloramines. In simple terms, break point chlorination is adding enough chlorine to eliminate problems associated with combined chlorine.

Breakpoint Chlorination: _____ Breakpoint Cl = Comb Cl x 10 – Existing FC

Saturation Index

Saturation Index is a tool for determining if your pool's water is corrosive or scaling. If your water is corrosive, the pool's water will dissolve calcium in pool linings and protective coatings. If your water is scaling, calcium will be deposited on pipelines, filters, valves, and pump.

Saturation Index = pH + Temp Factor + Calcium factor + Alkalinity Factor - 12.1

