



Clockwork Pools

Ideal Water Chemistry Ranges

Free Chlorine (FC):

- Non-Salt Water Generator: 2–4 ppm
- Salt Water Generator: 3–6 ppm

Maintains sanitation and prevents algae growth.

Combined Chlorine (CC):

- < 0.5 ppm

Indicates effective oxidation; higher levels mean contaminants remain.

pH:

- 7.4–7.6 (Safe Range: 7.2–7.8)

Balances comfort, chlorine efficiency, and equipment protection.

Total Alkalinity (TA):

- Non-Salt Water Generator: 80–120 ppm
- Salt Water Generator: 70–90 ppm

Buffers pH stability and prevents rapid swings.

Calcium Hardness (CH):

- Plaster: 250–350 ppm
- Fiberglass/Vinyl: 200–300 ppm

Prevents corrosion and scaling.

Cyanuric Acid (CYA):

- Non-Salt Water Generator: 30–50 ppm
- Salt Water Generator: 60–80 ppm

Protects chlorine from UV degradation.

Salt (Salt Water Generator Systems):

- 2,700–3,400 ppm

Manufacturer-specific range for optimal chlorine generation.

Call us if you need any help with your pool!
(210) 492-9577

Visit us online at
clockworkpools.com