

## WATER QUALITY STANDARDS

Listed below are minimum levels of various types of disinfectants. To obtain maximum sanitizing efficiency, the pH should vary accordingly with the scale on your kit directly across from the residual reading you obtain.

**SWIM POOLS:** Minimum disinfection levels for various disinfectants used

<u>Type of Disinfectant</u>	<u>Type of Residual</u>	<u>Minimum Residual</u>	<u>Maximum Residual</u>
Chlorine	Free	1.5 ppm	10 ppm
Chlorine with Cyanuric Acid	Free	2.0 ppm	10 ppm
Bromine	Total	2.5 ppm	10 ppm

**SPA & WADING POOLS:** Minimum disinfection levels for various disinfectants used

<u>Type of Disinfectant</u>	<u>Type of Residual</u>	<u>Minimum Residual</u>	<u>Maximum Residual</u>
Chlorine	Free	3.0 ppm	10 ppm
Chlorine with Cyanuric Acid	Free	3.5 ppm	10 ppm
Bromine	Total	4.0 ppm	10 ppm

**STANDARDS:** For other water quality readings, ranges are shown below

<u>Water quality reading</u>	<u>Ranges or standards required</u>
pH	7.2-8.0
Alkalinity	80-200
Combined Chlorine	<50% of the Free Chlorine
Water Clarity	Main Drain must be Visible
Cyanuric Acid	0-90 ppm or mg./l.
Temperature (Fahrenheit)	104 F. Degrees Maximum
Turbidity	0.5 T.U.