

## AquaChek White

AquaChek White is a unique test strip that simplifies an otherwise complicated testing operation. Unlike other test kits, the AquaChek White strips will give you a specific reading of the salt level in your water. Remember to replace the lid on your AquaChek bottle after removing a strip to prevent strips from spilling and to keep them fresh.

Keep the strips in a cool, dry place, out of direct sunlight and leave the packet of drying agent in the bottle – it will help keep the test strips at their best. At minimum, you should test your sodium chloride (salt) levels monthly. Be sure to follow your salt generator manufacturer's instructions.

### Water Chemistry Guide



### Follow these easy instructions.



**1**

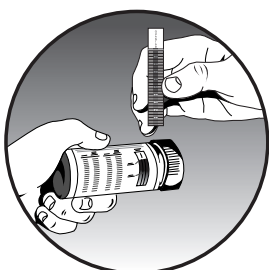
Simply take a sample of water from the pool or spa in a clean, small cup, such as a medicine cup, so that there is about 1 inch (2.5 cm) of water in the bottom of the cup.



**2**

Place the lower end of a test strip into the water sample and allow it to absorb the water. If there is NaCl in the sample, a white peak will begin to form. The yellow band at the top of the strip will turn dark when the test is complete. Typically, this takes 3 to 4 minutes.

**Only dip titrator into 1 inch of water. It is important to keep top half of strip completely dry to get accurate results.**



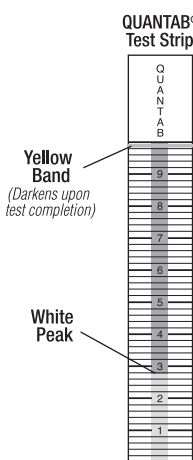
**3**

Remove the strip from the sample and determine where the highest white point (white peak) appears within the number scale on the test strip. Compare that value to the chart on the bottle.

**Note: Each bottle of AquaChek White has its own unique chart that corresponds specifically to the test strips contained within that individual bottle. Be sure to use the proper chart to analyze the salt level.**

### Example

In this example, when the test is complete the white peak falls at 2.8 (see example picture of strip at right). When compared to the chart on the bottle, the number 2.8 corresponds to a sodium chloride (salt) level of 1180 ppm (see example salt chart at right).



### SALT CONCENTRATION CHART

Sodium Chloride (salt) Reading ppm (mg/L)		Sodium Chloride (salt) Reading ppm (mg/L)	
1.4	.....420	4.4	.....2610
1.6	.....510	4.6	.....2840
1.8	.....600	4.8	.....3080
2.0	.....700	5.0	.....3350
2.2	.....800	5.2	.....3630
2.4	.....920	5.4	.....3920
2.6	.....1040	5.6	.....4240
2.8	.....1180	5.8	.....4580
3.0	.....1320	6.0	.....4950
3.2	.....1470	6.2	.....5350
3.4	.....1630	6.4	.....5780
3.6	.....1800	6.6	.....6250
3.8	.....1990	6.8	.....6770
4.0	.....2180	7.0	.....7340
4.2	.....2390		

**\*For example only – use salt chart on bottle to determine salt level.**

## Why is the salt level important?

A chlorine generator uses sodium chloride (salt) to make chlorine. An ideal level of salt will probably be between 2500 to 3000 ppm (low range) or 3000 to 5000 ppm (high range) for most chlorine generators. Ideal levels vary by manufacturer – consult your owner's manual for your manufacturer's recommendations concerning ideal salt levels.

The generator will convert the salt to free chlorine that will sanitize your pool, killing bacteria and microorganisms in the water, so you will need to add salt as it is used. A proper level of salt will ensure that the generator is able to produce the desired amount of chlorine and keep the water free of contaminants. If the salt level is too low, the chlorine generator will not operate efficiently. If the level is too high, the water may corrode metal parts and fixtures, it may become cloudy, and it may have a salty taste. Test with AquaChek Pool & Spa Test Strips often to help balance your pool water.

### AMOUNT OF SALT NEEDED FOR 3000 PPM

Salt Concentration Before Addition	Pool Volume					
	5,000 gal. 19 kL	12,000 gal. 45 kL	16,000 gal. 61 kL	20,000 gal. 76 kL	25,000 gal. 95 kL	50,000 gal. 190 kL
1000 ppm	83 lbs. 38 kg	200 lbs. 91 kg	265 lbs. 120 kg	335 lbs. 152 kg	415 lbs. 188 kg	830 lbs. 376 kg
1250 ppm	72 lbs. 33 kg	175 lbs. 79 kg	235 lbs. 107 kg	290 lbs. 107 kg	360 lbs. 163 kg	720 lbs. 327 kg
1500 ppm	62 lbs. 28 kg	150 lbs. 68 kg	200 lbs. 91 kg	250 lbs. 113 kg	310 lbs. 141 kg	620 lbs. 281 kg
1750 ppm	52 lbs. 24 kg	125 lbs. 57 kg	165 lbs. 75 kg	210 lbs. 95 kg	260 lbs. 118 kg	520 lbs. 236 kg
2000 ppm	40 lbs. 18 kg	100 lbs. 45 kg	135 lbs. 61 kg	165 lbs. 75 kg	200 lbs. 91 kg	400 lbs. 181 kg
2250 ppm	31 lbs. 14 kg	75 lbs. 34 kg	100 lbs. 45 kg	125 lbs. 57 kg	155 lbs. 70 kg	310 lbs. 141 kg
2500 ppm	21 lbs. 10 kg	50 lbs. 23 kg	65 lbs. 29 kg	85 lbs. 39 kg	105 lbs. 48 kg	210 lbs. 95 kg
2750 ppm	11 lbs. 5 kg	25 lbs. 11 kg	35 lbs. 16 kg	40 lbs. 18 kg	55 lbs. 25 kg	110 lbs. 50 kg