



**Hayward and Goldline Controls-brand electronic chlorine generation systems all generate their own chlorine from a low concentration of salt dissolved into the pool water to create 100% of the pool's sanitizing needs.**

### Will the pool water taste salty?

No. The concentration of salt in the pool water is approximately 1/10 of the level in the ocean and is below the level of taste for most people. This level of salt is equivalent to 1 teaspoon of salt in a gallon of water. Encourage anybody who is concerned to do a "taste test".

### Types of salt

Electronic chlorine generators use ordinary food grade, solar salt or water softener salt. Regardless of which type of salt you chose ensure that it is at least 99% pure salt (NaCl). Never use rock salt (ice melt) or salts that have more than 1% of "anti-caking agents", "yellow prussiate of soda", or "sodium ferrocyanide" added as these compounds may cause staining of the pool. Salt is available from most distributors in 40–80 pound bags.

### Amount of salt to add to the pool

Hayward and Goldline Controls-brand electronic chlorine generation systems require salt levels between 2700 and 3400 ppm. This amount of salt is below the level of taste for most people and is the equivalent of 1 teaspoon of salt per gallon. **Since all chlorine added to a pool eventually reverts to salt, it is very important to measure the salt level in existing pools before adding any salt.**

### How to add salt

After determining the amount of salt to add from the table above, hold 1 or 2 bags in reserve. Dump the remaining bags directly into the pool and brush the salt around to speed up the dissolving process. Do not allow the salt to sit in a pile at the bottom of the pool. Salt water is heavier than fresh water so the salt water will tend to accumulate at the deepest part of the pool. Run the filter system with the suction coming from the main drain for 24 hours to evenly distribute the salt throughout the pool. Note: For new plaster pools, consult with the applicator for the recommended cure time before adding salt.

### Salt Display

The salt display responds slowly to rapid changes in salt level. It takes up to 24 hours of circulation for the salt to be evenly distributed in the pool. Be patient and do not over-react by adding too much salt. If the salt level is still low after 24-48 hours, add the reserve bags (see "How to add salt" above) to the pool.

| Current Salt Level (ppm) | Pounds of Salt Required for 3200 ppm |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|--------------------------|--------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                          | Pool Size – Gallons                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                          | 8,000                                | 10,000 | 12,000 | 14,000 | 16,000 | 18,000 | 20,000 | 22,000 | 24,000 | 26,000 | 28,000 | 30,000 | 32,000 | 34,000 | 36,000 | 38,000 | 40,000 |
| 0                        | 213                                  | 267    | 320    | 373    | 427    | 480    | 533    | 587    | 640    | 693    | 747    | 800    | 853    | 907    | 960    | 1013   | 1067   |
| 200                      | 200                                  | 250    | 300    | 350    | 400    | 450    | 500    | 550    | 600    | 650    | 700    | 750    | 800    | 850    | 900    | 950    | 1000   |
| 400                      | 187                                  | 233    | 280    | 327    | 373    | 420    | 467    | 513    | 560    | 607    | 653    | 700    | 747    | 793    | 840    | 887    | 933    |
| 600                      | 173                                  | 217    | 260    | 303    | 347    | 390    | 433    | 477    | 520    | 563    | 607    | 650    | 693    | 737    | 780    | 823    | 867    |
| 800                      | 160                                  | 200    | 240    | 280    | 320    | 360    | 400    | 440    | 480    | 520    | 560    | 600    | 640    | 680    | 720    | 760    | 800    |
| 1000                     | 147                                  | 183    | 220    | 257    | 293    | 330    | 367    | 403    | 440    | 477    | 513    | 550    | 587    | 623    | 660    | 697    | 733    |
| 1200                     | 133                                  | 167    | 200    | 233    | 267    | 300    | 333    | 367    | 400    | 433    | 467    | 500    | 533    | 567    | 600    | 633    | 667    |
| 1400                     | 120                                  | 150    | 180    | 210    | 240    | 270    | 300    | 330    | 360    | 390    | 420    | 450    | 480    | 510    | 540    | 570    | 600    |
| 1600                     | 107                                  | 133    | 160    | 187    | 213    | 240    | 267    | 293    | 320    | 347    | 373    | 400    | 427    | 453    | 480    | 507    | 533    |
| 1800                     | 93                                   | 117    | 140    | 163    | 187    | 210    | 233    | 257    | 280    | 303    | 327    | 350    | 373    | 397    | 420    | 443    | 467    |
| 2000                     | 80                                   | 100    | 120    | 140    | 160    | 180    | 200    | 220    | 240    | 260    | 280    | 300    | 320    | 340    | 360    | 380    | 400    |
| 2200                     | 67                                   | 83     | 100    | 117    | 133    | 150    | 167    | 183    | 200    | 217    | 233    | 250    | 267    | 283    | 300    | 317    | 333    |
| 2400                     | 53                                   | 67     | 80     | 93     | 107    | 120    | 133    | 147    | 160    | 173    | 187    | 200    | 213    | 227    | 240    | 253    | 267    |
| 2600                     | 40                                   | 50     | 60     | 70     | 80     | 90     | 100    | 110    | 120    | 130    | 140    | 150    | 160    | 170    | 180    | 190    | 200    |
| 2800                     | 27                                   | 33     | 40     | 47     | 53     | 60     | 67     | 73     | 80     | 87     | 93     | 100    | 107    | 113    | 120    | 127    | 133    |
| 3000                     | 13                                   | 17     | 20     | 23     | 27     | 30     | 33     | 37     | 40     | 43     | 47     | 50     | 53     | 57     | 60     | 63     | 67     |
| 3200                     | ideal                                | ideal  | ideal  | ideal  | ideal  | ideal  | ideal  | ideal  | ideal  | ideal  | ideal  | ideal  | ideal  | ideal  | ideal  | ideal  | ideal  |
| 3400                     | ok                                   | ok     | ok     | ok     | ok     | ok     | ok     | ok     | ok     | ok     | ok     | ok     | ok     | ok     | ok     | ok     | ok     |

