



112 M Street
 Anniston, AL 36201
 Phone: 256-238-1555
 Toll Free: 877-604-7273
 Fax: 256-236-2335
 mariespoolstore.com

Salt Cell Cleaning Instructions

It is recommended that every two months the cell be removed and inspected for scale formation and/or debris. A small amount of scale formation is normal. If by looking through the cell it is observed that there is excessive scale formation between the plates or debris is present, the cell should be cleaned by using a high-pressure jet of water from a garden hose. If this is not successful, use a plastic or wood tool (do not use metal as this will scratch the coating off the plates) and scrape deposits off of plates. Acid cleaning must be performed if the cell cannot be reasonably cleaned using these methods.

To acid clean the Cell electrolytic cell:

1. Remove the Cell unit from the pool system plumbing by unscrewing the union nuts. Unplug wire from power center.
2. Install the cap on the Cell. (if you do not have a cap use plastic bag and tape to cover one end of cell)
3. Mix muriatic acid with one gallon of tap water in a plastic bucket. (see chart below) Always add acid to the water, never add water to the acid. Always wear eye protection and use rubber gloves. Always work in a well-ventilated area.

Cell Manufacturer / Model	Quarts of Acid
Hayward / Goldline	2 Quarts
Pentair IntelliChlor	1 Quart
AutoPilot PoolPilot	1 Quart
Jandy AquaPure	1 Quart

4. Place the cell vertically into a separate bucket with the cap end down, as shown in right side illustration. Carefully pour the acid solution into the cell until the blades are just covered. Allow the acid solution to bubble, and to clean the blades.



The acid should only be contained in the cell and not around it. A foaming action will begin, which is caused by scale being dissolved from the plates. If rigorous foaming action does not begin, the cell does not need to be cleaned (STOP THE CLEANING PROCESS - go on to step 5). Otherwise, allow the cell to remain in the solution until the foaming has stopped. However, do not leave in acid for more than 1/2 hour. Excessive Acid Washing will damage cell.

5. Pour the acid solution back into the five gallon bucket. Rinse the cell thoroughly with clean tap water and inspect. If deposits are still visible, pour the acid back into the bucket and carefully pour the acid solution into the cell until the blades are just covered for further cleaning. Additional acid may need to be added to the solution.
6. Rinse the cell again with clean tap water and inspect. If clean, replace the cell and resume normal operation.
7. Unscrew cap with washer and o-ring from the threaded end of the Cell unit. The acid cleaning parts can be used again for future cell cleaning.
8. Using the two unions, install the Cell unit into the system plumbing, connect the communication cable to power or load center, then switch the pump on.
9. After the acid wash procedure is complete it is recommended that a sample of pool water be analyzed by Marie's Pool Store.
10. If no scale or debris deposits are observed in the cell after two bimonthly inspections, it is not necessary to continue bimonthly inspections. However, due to possible changes in pool water chemistry and filtering effectiveness, it is recommended that the cell be removed for inspection at least twice a year.