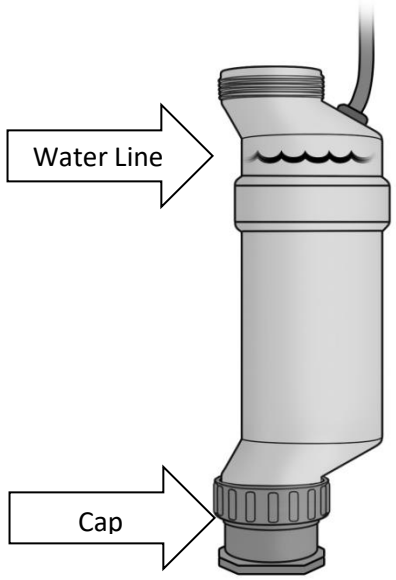
How to Clean the Electrolytic Cell

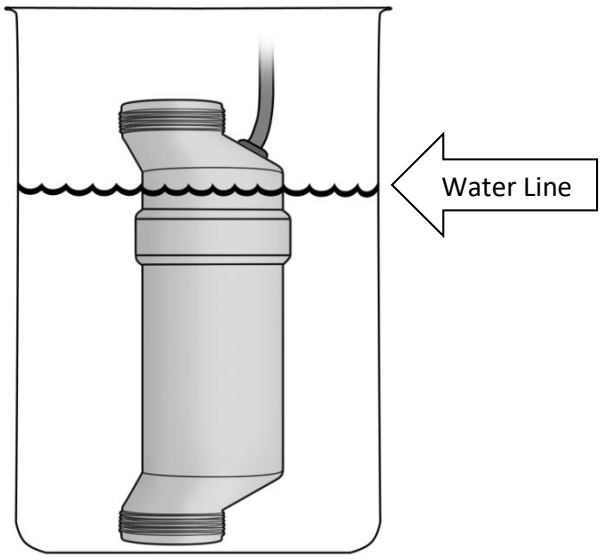
The Electrolytic Cell has the self-cleaning Reverse Polarity feature built-in, which prevents mineral deposits from forming rapidly. However, the Cell may eventually need to be manually cleaned. The frequency of mineral build-up is dependent upon the balance of the pool's water chemistry, specifically the Saturation Index (see page 5).

In most circumstances, the Check Cell LED indicator will be illuminated solidly when the cell needs to be cleaned.

Follow these steps to clean the cell:

1. Turn all power to the filter system and salt system off. Close return line valves if applicable.
2. Completely disconnect the Cell Cord from the Control Module.
3. Unscrew the two threaded collars at the inlet and outlet side of the cell.
4. Remove cell from the return line.
5. IMPORTANT: Using gloves and eye protection during this process is recommended. Always add acid to the water, never water to the acid.
6. In a separate bucket, mix a solution of: one part Muriatic Acid and five parts water.
7. There are two different ways to clean the cell.
    a. Use the End Cap plug (sold separately) to cap off then outlet side of the cell and pour the solution into the top of the cell.
        i. Secure cell and let it soak for 5-10 minutes.
        ii. See picture below on left.
        iii. The end cap can be purchased at www.circupool.com.
    b. Submerge the cell in a bucket of the solution.
        i. Make sure the cell cable is not submerged in water.
        ii. Make sure the water line covers the internal components of the cell.
        iii. Clamp the cell/cord in place so that it can remain in place safely for 5-10 minutes.
    iv. See picture below on right
8. You will notice a fizzing or fogging effect inside the cell once the solution has made contact with the titanium cell, this is normal. The solution should completely cover the titanium plates, and should be allowed to soak for no longer than 10 minutes.
9. Dispose of the solution and wash out any remaining debris.





⚠ **WARNING:** Always make sure that input power is completely disconnected before attempting service or troubleshooting procedures. All troubleshooting procedures should be done by a qualified professional.
☑ **IMPORTANT:** Remember that your pool is compatible with chlorine and shock as normal. If your pool is experiencing temporary loss of chlorine or other difficulties, add sanitizer as needed to maintain the pool.