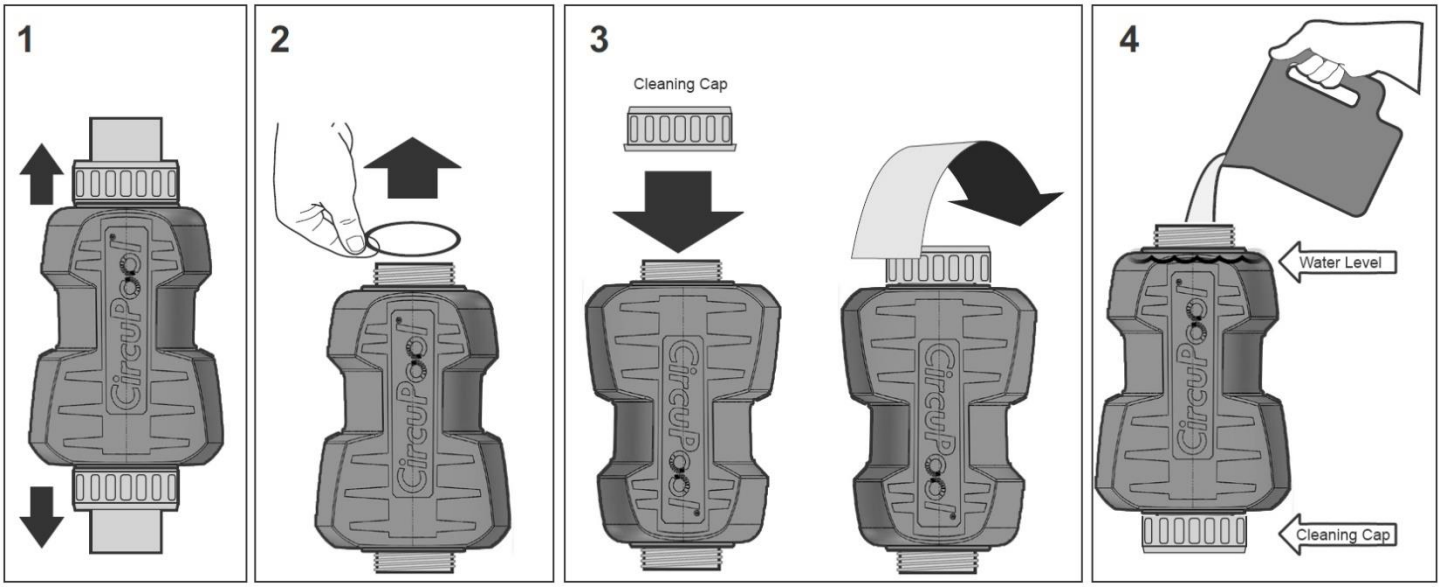
How to Clean the Electrolytic Cell

IMPORTANT: Using gloves and eye protection during this process is recommended. Always add acid to the water, never water to the acid. Always work in a well-ventilated area. Splashing or spilling acid can cause severe personal injury and/or property damage. 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. **Do not** insert metal or any hard objects inside the cell during cleaning, this will void the warranty. 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. Completely disconnect the Cell Cord from the Control Module. Unscrew the two threaded collars at the inlet and outlet side of the cell, then remove the cell from the return line.
2. Remove the o-ring on the “smaller” end of the cell.
3. Attach the Cleaning Cap (included with system at original purchase) to the other side of the cell (the “wider” end), then orient the cell vertically with the Cap on bottom.
4. In a separate bucket, mix a solution of one part Muriatic Acid and five parts water, and pour the solution into the top of the cell.
    - Secure cell and let it soak until all mineral scaling has been dissolved.
    - 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 usually be allowed to soak for 10 minutes.
    - Depending on the amount of scaling, a cell may need to be cleaned multiple times in a row. The cleaning solution may stop fizzing because the acidity of the cleaning solution has been neutralized by the amount of mineral scale, not because all of the scale has been removed.
5. Safely dispose of the solution by pouring it into the pool.
6. Flush out any remaining debris from the cell with a hose.
7. Put the o-ring back in place and re-install the cell in the pool plumbing.