

ACE™ Salt Water Sanitizing System

Hot Spring® Dealer – Cell Inspection and Cleaning Instructions

Periodic inspecting and cleaning of the ACE cell is recommended to maximize the life of the equipment. Use the Vanishing Act™ calcium remover to reduce the cleaning frequency. Clean cell when the status message on the screen indicates Low Salt and the water has not been changed or topped off recently; or every 3 months.

Inspecting the Cell

1. Turn off the power to the spa.
2. Remove cell from the filter bucket.
3. Look through end cap holes and check for white scale around the inner channel opening. (Both configurations shown in *Figure 1*)
4. Remove excess water.
5. Inspect the opening to the electrodes for scale and look down the channels. Light should be visible at the end of the channels.
DO NOT INSERT ANYTHING INTO THE CHANNELS.
6. If there is any obstruction or scale in the cell, cleaning is required.
7. Clean the cell as outlined below.
8. Reinstall cell in filter and power the spa.



Figure 1

Cell Cleaning with pH Down

1. Add spa water to the cleaning bottle to the fill-line indicated on the bottle. Add 3 tablespoons of pH down to the cleaning bottle. Secure lid and shake bottle to create cleaning solution.
2. Remove the lid from the cleaning bottle. Place the cell in the bottle so the bottom of the cell is floating.
3. Soak the cell for 10 minutes or until bubbles stop coming from the cell. If bubbles are still releasing from the cell after 10 minutes, change the cleaning solution and repeat. Inspect cell to confirm completion.
4. Reinstall cell in filter and power up the spa.

Cell Cleaning with Pool Salt Cell Cleaner or Pool Acid

Pool cell cleaners can be used to clean the ACE cell by following the instructions on the cell cleaner bottle. Pool acid (muriatic acid) can also be used to clean the cell when properly diluted.

Warning: Prolonged soaking of the cell in pool acid will damage the cell. (15 min 4 times per year max.)

Caution: Acids will burn skin and eyes. Always follow safety instructions on the bottle/package.

- 1a. **Pool Cell Cleaner:** Unscrew the lid to the cleaning bottle included with the ACE system and fill it to the fill-line with pool cell cleaner per the instructions on the cell cleaner bottle.
- 1b. **Pool Acid:** Unscrew the lid to the cleaning bottle included with the ACE system and fill it to the fill-line with a solution of 1 part pool acid and 10 parts water.
2. Place the cell in the bottle so the bottom of the cell is floating.
3. Soak the cell for 10 minutes or until bubbles stop coming from the cell. If bubbles are still releasing from the cell after 10 minutes, change the cleaning solution and repeat. Inspect cell to confirm completion.
4. Reinstall cell in filter and power up the spa.

TIP: Raise and lower the cell in solution for more thorough cleaning.