



6.4 Every Six (6) Months (Or once every pool season whichever is shorter)

6.4.1 Nature² Mineral Cartridge Replacement

The Nature² cartridge for the Nature² Soft Fusion lasts six (6) months or one pool season (whichever is the shorter length of time).

1. Shut off the pool pump and filter.
2. Close valves between filter and pool to prevent pool draining.
3. Turn large collar counterclockwise to remove and lift off cap.
4. Remove old cartridge and discard in household trash. Insert the new cartridge (see Section 4.3)
5. Position cap flat on the vessel housing.

IMPORTANT Make sure the o-ring is secure in the groove on the vessel top, not on the underside of the cap. Turn large collar clockwise until it locks into place, do not over tighten.

6. Open any valves that were closed to isolate the Nature² Fusion.

6.5 Electrolytic Cell Cleaning - As Needed

Depending upon water chemistry, occasional manual cell cleaning may be necessary.

1. Switch off the filter pump and chlorinator, close necessary valves.

WARNING

Always turn pump off prior to installing or removing any components from the pool's plumbing. Your pump/filter system is operated under pressure and pressure must be released before you begin to avoid system damage or personal injury. Open the air relief valve on your pool filter to release the pressure in the system.

2. Unplug the yellow connector from the vessel.
3. Unscrew the electrolytic cell retaining ring and remove the electrolytic cell.
4. Look down into the electrolytic cell to see if there is scale on the plates.

WARNING

To avoid personal injury when working with pool chemicals, always wear rubber gloves and eye protection, cover exposed skin, and work in a well ventilated area. Use caution when choosing a location to open and use chemicals as they may damage any surface into which they come in contact. If any chemical gets on your skin, rinse the area immediately with water. If any chemical gets on your clothing, immediately remove the piece of clothing and rinse with water.

5. Mix cleaning solution in a suitable plastic container by adding one (1) part of hydrochloric (muriatic) acid to ten (10) parts water. Note: To avoid splash, always ADD MURIATIC ACID TO WATER rather than water to muriatic acid. Solutions stronger than 1:10 will damage the electrolytic cell and void warranty. Submerge only the plates of the electrolytic cell in the cleaning solution. See Figure 19. Allow the cleaning solution to dissolve the calcium deposits for approximately five (5) minutes.
6. Repeat the procedure if necessary. Take care to avoid splashing the electrolytic cell terminals and other equipment with the acidic cleaning solution. Wash down any spills with plenty of fresh water. To neutralize acid cleaning solution, add baking soda (foaming will occur).
7. Rinse the electrolytic cell in clean water and reinstall into the vessel. Insure the O-ring is seated properly and coated lightly with silicone lubricant. Hand tighten collar.



8. Replace the yellow plug after drying and smearing lightly with silicone grease.
9. Reset valves and switches. Turn pump and sanitizer on.
10. Confirm chlorine output and settings on the user interface.

6.6 Flow/Temp/Salinity Sensor Cleaning

One (1) time per year or as needed. It is rare but scale formations on the flow/temp/salinity sensor sometimes occur and will affect the accuracy of the salinity test.

1. Remove flow/temp/salinity sensor from the vessel.
2. Brush with a mildly abrasive green fiber household cleaning pad. Contacts should be clean and bright.
3. Thoroughly rinse the flow/temp/salinity sensor with clean tap water. Replace and resume normal operation.
4. **Turn power off and back on in order to recalibrate and reset flow/temp/salinity sensor. Reset anytime flow/temp/salinity sensor is unplugged.**

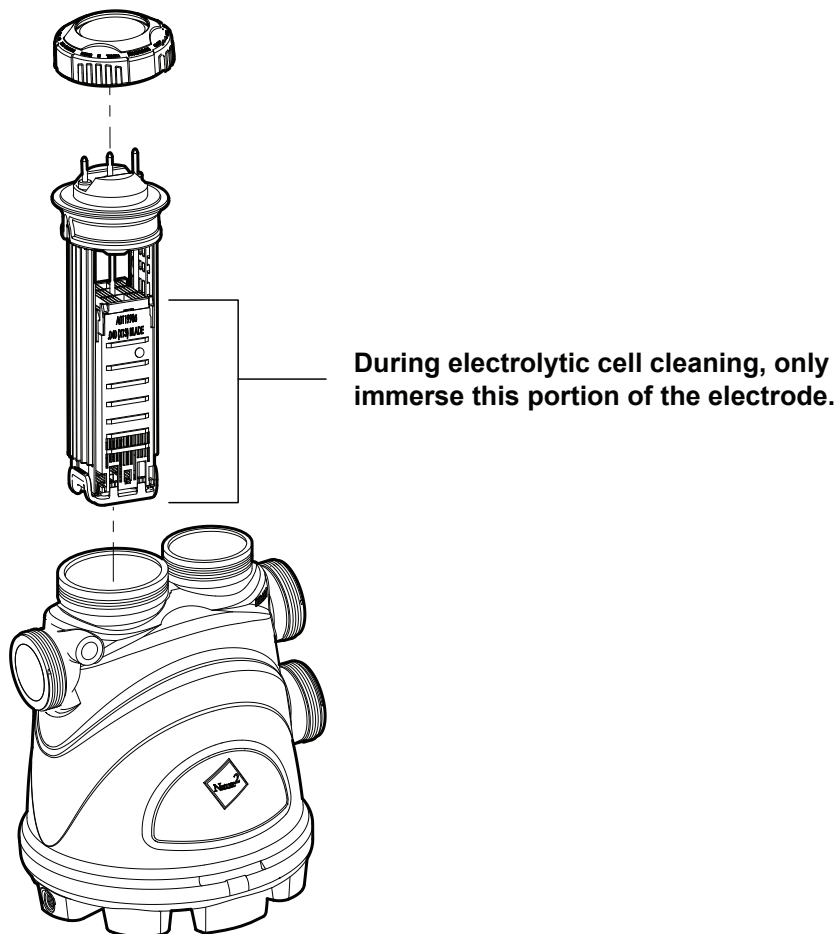


Figure 19. Electrolytic Cell Cleaning