

FAST MANUAL

Salt electrolysis device consists of two parts:



The CPU



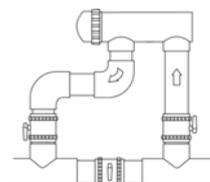
The electrode

Installing the electrode:

The electrode should be placed after the filtration system or any device such as heat pumps, control systems, etc. It must be installed as shown in the following vignettes with a three-valves by pass, this allows us to isolate the electrode from the rest of the installation in order to perform maintenance.

Correct position of the electrode:

HORIZONTAL
(Never place it upside-down)

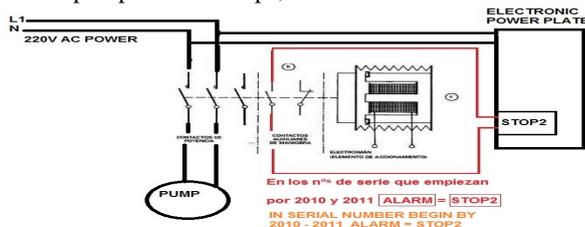


The cable polarity must be tight across to avoid overheating.

CPU.

- Install the unit in a dry, well ventilated place, **NEVER IN WET OR CORROSIVES** areas.
- Chlorinator should always have tension (230V ac)

- The STOP2 contact plate power **MUST BE CONNECTED TO A VOLTAGE-FREE CONTACT** of the control unit of the filtration. In this way when the pump starts or stops, the chlorinator will turn.

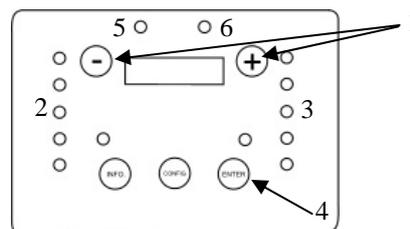


- Before you start using the chlorinator, the pool water should have 4.5 to 6 kg of salt per m³ and connect the pump to the filter for 24 hours to ensure complete dissolution of the salt.
- Also ensure that the pH of the water is 7.10-7,20 (6.8-7.0 for polyester pools).
- Stabilizer (cyanuric acid) from 40 to 60 ppm in case of hot weather.

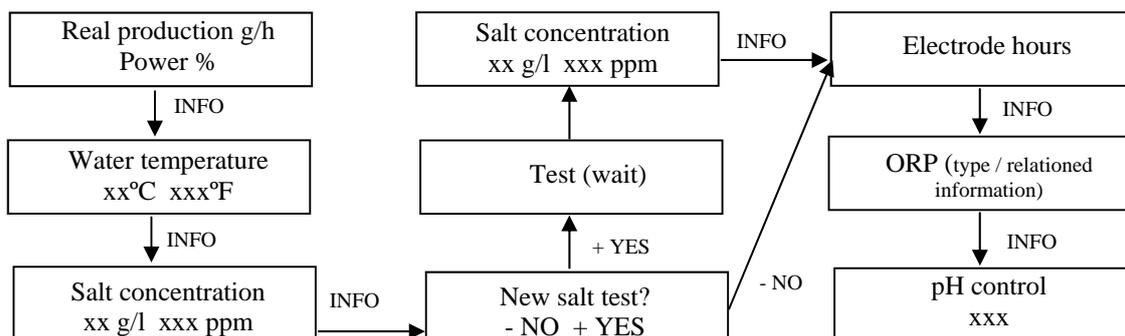
Connect the CPU to 230Vac mains. It must always be connected to 230Vac even when the filtration is not running.

Controlling the MAMNET:

1. Finger touch to increase or decrease production. It is also used to move through the menus.
2. Alarm LEDs.
3. LEDs indicating approx. the power used by the CPU.
4. Finger touch to give instructions and move in the CPU.
5. LED indicates that the work is done with direct current.
6. LED indicates that the work is done with reverse current.



Once the salt is dissolved it will be a SALT TEST. If this test is not done, the chlorinator will not work properly. To do this press the finger touch INFO and follow the graph here below.



Alarm LED:

HIGH SALT: Indicates that the salt concentration in the water is high. This is an informative alarm. It will not stop the system.

LOW SALT: Indicates that the concentration of salt in the water is low. It is also an informative alarm. It is important to correct this parameter by adding the necessary salt although the system will attempt to produce the amount of chlorine scheduled, and be unable to reach the maximum.

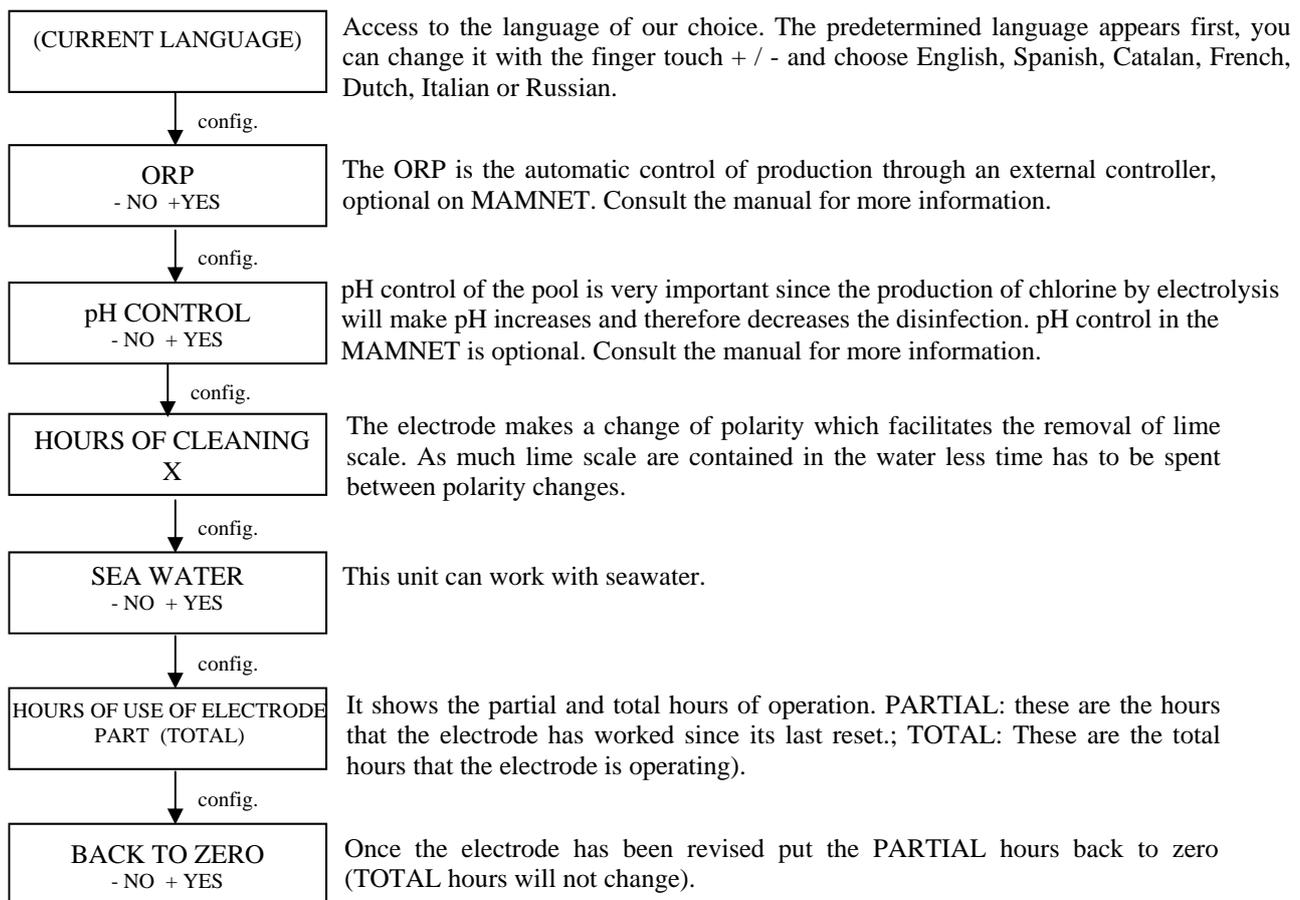
OVERLOAD: indicates high water conductivity (high temperature and / or salt concentration). The device will turn on when it detects that the problem is solved.

NO FLOW: Indicates that the flow of water in the electrode is low or zero. It is also possible that a gas bubble is formed around the auxiliary electrode. The unit will shut down and not restart until the problem is solved.

CHECK CELL: Indicates the need to check the state of the electrode (deposition of limestone, lifetime exhausted or need routine maintenance every 500 hours). The alarm does not stop the system. When this alarm is active salt values obtained are not reliable.

CONFIGURATION:

In this menu we can customize and configure the unit at our option.



Once configured we can put the equipment into production using the - or + finger touch on the main screen. You can choose 12, 18 or 35 g / h maximum depending on the type of electrolyser. To determine the amount of chlorine you need to program, you will need a manual analysis of chlorine in the water. If the reading is low (<0.20 ppm) you will have to increase the level of production or connect the filtration more hours per day. By cons, if the reading is high (> 1.5 ppm) you will need to reduce or shorten the filtration level of production.

The number of bathers, heat and even the electrolysis process is producing an increase in the pH of the pool water and chlorine does not act the same way, resulting a reduction of disinfecting power. An acceptable pH should be 7.10 to 7.20 (6.8 to 7.0 for polyester pools).

To adjust the pH we recommend a pH minus agent. Avoid hydrochloric acid (hydrochloric acid solutions), because it produces a corrosive atmosphere. We recommend automation system with our accessories, to adjust the pH as well as to control the disinfection of water pH (ORP).

For more information see the manual.