

INSTRUCTIONS FOR USE

SALT WATER CHLORINATION EQUIPMENT



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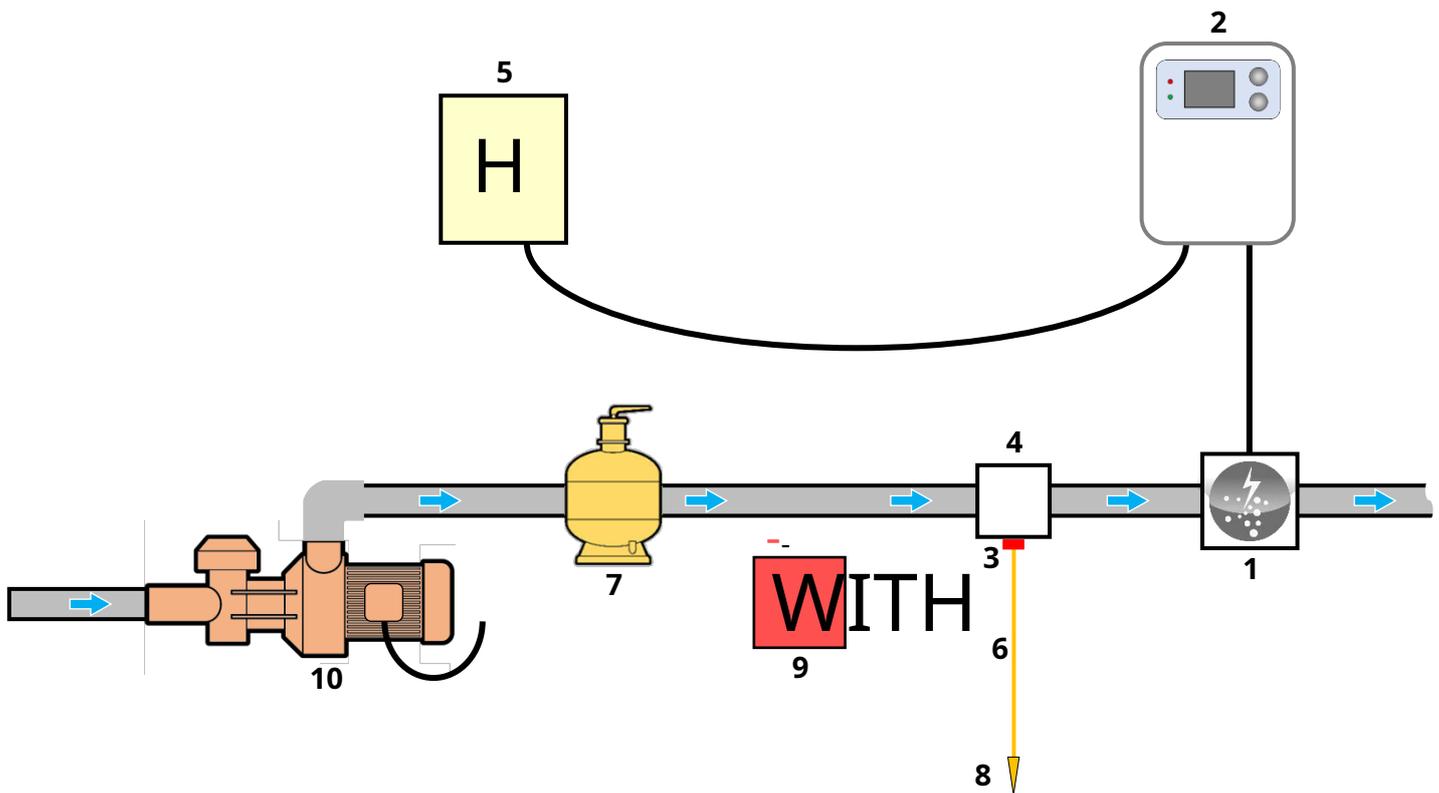


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1. INSTALLATION DIAGRAM

AND

The electrical connections at the cell level must not point upwards to prevent water from accumulating on them or



- 1: Article
- 2: Electronics unit

POOL EARTHING KIT

(optional):

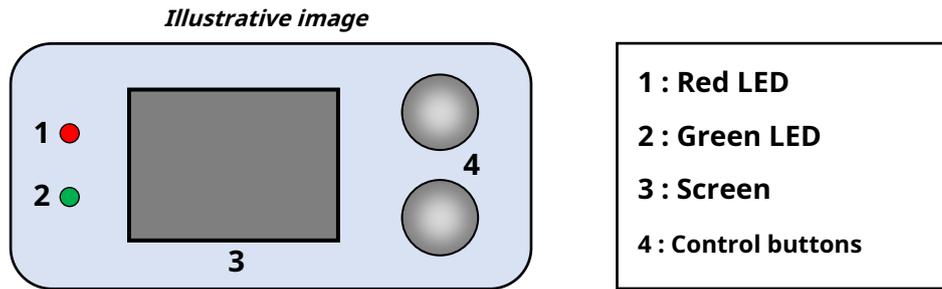
- 3: Electrode

NOT SUPPLIED ELEMENTS:

- 5: Electrical power source
- 6: Copper cable
- 7: Filter
- 8: Ground rod
- 9: Heat pump
- 10: Filter pump

2. ELECTRONICS UNIT

2.1. Interface



ELEMENT	STATE	IMPORTANCE
Red diode	Permanently lit	The electronics unit is switched off
	Flashing	Alert activated
Green diode	Permanently lit	Performance (production) in progress
Screen	Default view	Power setpoint (production)
	Flashing display	Information awaiting confirmation or warning
	Permanent (unchanging) display	Confirmed data

2.2. Power on

- **When connecting the electronics unit to the power source:**
After about a minute, the power (production) will automatically start according to the set value shown on the display.
- **If the electronics unit is turned off (display off, red LED on):**
Press the top control button at least twice. After about a minute, the power (production) will automatically start according to the set value shown on the display.

2.3. Shutdown

Set the desired power (production) value to **00** using the top button (*no confirmation required*): after a few seconds the screen turns off and the red LED lights up.

→ *The internal fan of the electronics unit may continue to run as long as the unit is turned on.*

2.4. Setting the inverse frequency of the current supplying the cell (*optional*)

The purpose of flow reversal is to prevent scale build-up on the cell. The frequency of flow reversal must be set correctly according to the table below to ensure proper long-term cell functionality. Before putting the device into operation, make sure that you have set the reversal according to the table below and that the water does not contain iron, manganese, etc. Iron in the water (more than 0.2mg/l) causes cell degradation. Manganese causes water discoloration.

- **Possible settings:** 02,04,06,08,10,16 (hours); oF (whenever the electronics unit is switched on).
- **Default settings:** 06.

Water hardness (°f)	0 to 5	5 to 12	12 to 20	20 to 40	40 to 60	> 60
Water hardness (mg/l)	0 to 50	50 to 120	120 to 200	200 to 400	400 to 600	> 600
Reversal frequency (h)	16	10	8	6	4	2

- 1) Press and hold the bottom button until a notification appears **In**.
- 2) Press the bottom button: the current setting will start flashing.
- 3) Use the top button to select the inversion frequency.
- 4) Confirm the selected value by pressing the lower button: the display will "freeze" for a moment.

2.5. Setting the desired power value (production)

- **Possible settings:** within the range 00 until 10 in steps of 1.
- **Default settings: 10.**

Set the desired power (production) value using the top button (*no confirmation required*).

2.6. Boost mode (*optional*)

Boost mode sets the desired output (production) to maximum for a period of 24 hours, but can be ended at any time. This function is used when chlorine is urgently needed.

AND

Boost mode cannot replace conventional shock treatment if the water is not suitable for swimming.

- *The boost mode continues even after the electronics unit is turned off.*
- *When the boost mode ends or stops, the output (production) continues at the initial set value.*

- **Power on:** Press the bottom button: a notification will appear **yes**.
- **Shutdown:** Press the top button.

2.7. "Cover" or "Ext" socket (*optional*)

Socket with marking "Cover" or "Ext." (*depending on the electronics unit model*) is used to connect a flow sensor, external control or cover position switch.

2.7.1. Preliminary configuration

This configuration is required.

- 1) Press and hold the bottom button until a notification appears **In**.
- 2) Press the top button several times until a notification appears **CG**.
- 3) Press the bottom button (one of the following displays will flash).
- 4) Use the top button to switch to:
 - **CF** for connection to a flow sensor
 - **CE** for connection to external control
 - **What** for connection to the cover position switch
 - **oF** to deactivate the socket "Cover" (**default settings**).
- 5) Confirm the selected value by pressing the lower button: the display will "freeze" for a moment.

2.7.2. Performance (production) depending on the type of connected element

- **Flow sensor or external control** (default configuration in switch NO):
 - If the switch is activated, the power (production) is controlled by the set value shown on the display.
 - If the switch is not activated, the performance (production) is stopped. A notification will be displayed **oF**.
 - **Cover position switch** (default configuration in switch NO):
 - If the switch is activated, the power (production) will be reduced by 25% compared to the set value. A notification will be displayed **What**.
 - If the switch is not activated, the power (production) is controlled by the set value shown on the display.
- Switching from NO switch (*normally open*) on NC switch (*normally closed*) and vice versa:
- a) Perform the steps 1 until 4 listed below.
 - b) Press and hold both buttons: the screen will flash **nO** or **nC**, based on the currently active switch.
 - c) Use the top button to select the switch **nO** or **nC**.
 - d) Confirm the selected value by pressing the lower button: the display will "freeze" for a moment.

2.8. Warnings

Each alert that is activated: _____

- is immediately shown on the display.
- automatically and immediately stops the performance (production).
- it can be manually canceled by pressing and holding the bottom button.

Shown notification	Detected fault	Cause	Checks and solutions
A1	Anomaly performance (production)	Little water	Check that the pipe at the cell level is completely filled with water and that the flow rate is sufficient.
		Low salt content	- Check the salt content in your pool using a modern test kit. - If necessary, add salt so that its content is 5 kg/m ³ .
		Problem in the article	- Check that the electrical connections to the cell terminals are sufficiently tight and not oxidized. - Check that the cell power cable connector is properly connected to the electronics unit. - Check that the cell is not clogged with limescale. - As a last resort, replace the cell.
		Problem in the unit electronics	Contact a professional to repair the electronics unit.
A2	Shorting device	Problem in the article	- Check that the electrical connections to the cell terminals are sufficiently tight and not oxidized. - Check that the cell power cable is in good condition. - As a last resort, replace the cell.
		Problem in the unit electronics	Contact a professional to repair the electronics unit.

ACTIVATING/DEACTIVATING A1 ALERT: The A1 alert is deactivated by default.

- 1) Press and hold the bottom button until a notification appears **In**.
- 2) Press the top button several times until a notification appears **AL**.
- 3) Press the bottom button (one of the following notifications will flash).
- 4) Use the top button to switch to **He** to activate the A1 alert
or **oF** to deactivate the A1 warning.
- 5) Confirm the selected value by pressing the lower button: the display will "freeze" for a moment.

→ **The A2 alert is always activated and cannot be deactivated.**

2.9. RECOMMENDATIONS

Do not use water from wells and boreholes without first determining its properties (analysis). This water often contains substances and minerals that cause cell/element degradation, deposits on the pool walls or undesirable water discoloration. If the content of calcium, iron, manganese, etc. is higher, we recommend treating the water with appropriate products. Failure to follow the instructions on the properties of the water will invalidate the warranty.

3. WARRANTY

Before contacting your dealer, please have the following on hand:

- your purchase invoice;
- serial number of the electronics unit;
- date of installation of the device;
- your pool parameters (salinity, pH, chlorine value, water temperature, stabilizer level, pool volume, daily filtration time, etc.).

The utmost care and all our technical experience have been used in the design of this device. The device has been subjected to quality controls. If, despite all the care and expertise used in the manufacture of the device, you need to make use of our warranty, please note that it only covers the free replacement of defective parts of the device (excluding shipping costs in both directions).

Warranty period (documented by the date of issue of the purchase invoice)

Electronics unit: 2 years.

Article: - at least 1 year outside the European Union(*except extended warranty*).

- at least 2 years in the European Union(*except extended warranty*).

Repairs and spare parts: 3 months.

The above periods correspond to standard warranties. However, they may vary in different countries and distributor networks.

Warranty scope

The warranty covers all parts, except for wearing parts that must be replaced regularly. The device is warranted against all manufacturing defects that occur exclusively under normal use.

AFTER-SALES SERVICES

All repairs will be carried out at a service center.

Transportation costs in both directions are borne by the user.

No downtime or inability to use the device in the event of repairs shall give rise to a claim for damages.

In all cases, the device is always shipped at the user's own risk. Before accepting the shipment, the user must ensure that it is in perfect condition and, if necessary, record any reservations on the carrier's delivery note. Confirm receipt of the shipment by completing the appropriate record in cooperation with the carrier within 72 hours.

Warranty replacement does not extend the original warranty period in any way.

Limitations on warranty claims

In order to improve the quality of its products, the manufacturer reserves the right to change the characteristics of the products at any time without prior notice. This documentation is provided for information purposes only and is not contractually binding on third parties.

The manufacturer's warranty, which covers manufacturing defects, should not be confused with the procedures described in this documentation.

Installation, maintenance and in general all servicing of the manufacturer's products should only be carried out by professionals. These operations must also be carried out in accordance with the standards currently in force in the country of installation and at the time of installation. The use of any parts other than original ones automatically voids the warranty on the entire device.

The warranty does not cover the following items:

- Equipment and labor provided during the installation of equipment by third parties.
- Damage caused by installation that does not comply with the instructions.
- Problems caused by modifications, accidents, misuse, negligence of professionals or end users, unauthorized repairs, fire, flood, lightning, frost, armed conflict or other acts of God.

The warranty does not cover any damage to the equipment resulting from failure to follow the safety, installation, use and maintenance instructions contained in this documentation.

We improve our products and software every year. Newly released versions are backward compatible with previous models. New hardware and software versions cannot be added to earlier models under warranty.

Warranty claim

For more information about this warranty, please contact your dealer or our after-sales service. A copy of the purchase invoice must be included with all requests.

Legislation and dispute resolution

This guarantee is subject to French law and to any European directives or international treaties in force at the time of the claim and which are valid in France. In the event of disputes concerning the interpretation or exercise of the law, the High Court of Montpellier (France) has exclusive jurisdiction.

IX. ENVIRONMENTAL PROTECTION

Environmental protection is important. Our company takes it very seriously.

Our products are designed and manufactured using high quality, environmentally friendly, reusable and recyclable materials and components. However, the individual components that make up our products may not be biodegradable.

Our products cannot simply be thrown away in the trash.

European environmental directives precisely define the way old electrical equipment should be handled. The aim is to reduce the amount of waste and reuse it so that it does not pose a hazard.

The crossed-out wheeled bin symbol printed on the product indicates that separate collection is required and the product must be disposed of separately from normal municipal waste.



As a result, it is not possible to throw our product away anywhere:

- you can drop it off at a waste collection organization
- When purchasing a similar device, you can leave your old device with the retailer when purchasing.

WARRANTY CERTIFICATE

Product:	Solonization unit
Model:	Minisalt
Serial number:	
Sale date:	
Installation date:	
Installation company:	

The seller is obliged to fill in all sections of this Warranty Certificate legibly and indelibly. An incompletely filled in, unauthorized overwritten or illegible Warranty Certificate is invalid. Therefore, check immediately upon purchase whether the warranty certificate has been properly filled in by the seller. The product warranty is 24 months.

Signature of the person who assembled the product: _____