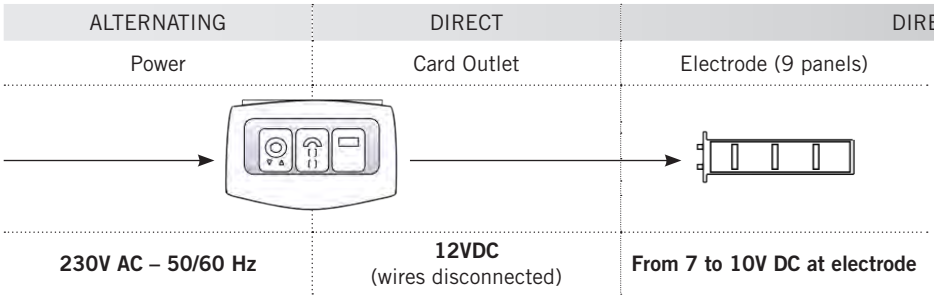
Salt electrolysis
DUAL PURE

1. TABLE WITH CONDITIONS OF USE

Water temp.	Salt level	pH	Stabilizer	Total alkalinity
> 15°C	From 4 to 5 g/L	From 6.4 to 7.9	From 20 to 50g/m³	From 80 to 120°F

2. NOTES ON ELECTRICAL QUANTITIES



Model	Amperes
Model 60	8.5A max
Model 100	12A max
Model 160	14A max

IMPORTANT NOTE:
The system must be running at the same time as the filtration pump. Thus, the connection is made on the filtration pump contact via a 4A fuse older. An electrolyzer connected with DC on 230 VAC could damage the pool's hydraulic system parts and would not be covered by the warranty.

3. POSSIBLE ADJUSTMENTS ON THE DEVICE

3.1. Adjusting production rate

1. With the device off, press the + and menu buttons.
2. Turn the device on while keeping the + and menu buttons pressed.
3. The message INT will be shown on the display; release + and menu and validate by pressing menu.
4. A value will be displayed. This is the value of the operating rate set at the factory. Perform proper adjustment to your installation by pressing + or - and validate the adjustment by pressing menu.
5. The device will resume normal operation by launching production after a few seconds.

DO NOT ADJUST THE DEVICE BEYOND THE AMPERES APPROPRIATE FOR THE MODEL.
However, if you connect the electrode of a higher model to a lower model, chlorine production may be insufficient.

3.2. Adjusting polarity inversion time

1. With the device off, press the + and - buttons.
2. Turn the device on while pressing the + and - buttons. Wait until PRO message is shown on the display. When PRO is displayed, release + and - and select DUR by scrolling with +. Validate by pressing menu.
3. A value will be displayed. This value is in hours and is equal to the duration of the polarity inversion times. Perform proper adjustment to your installation by pressing + or -.
4. Once the value is selected, validate the adjustment by pressing menu.
5. The device will resume normal operation by launching production after a few seconds.

NEVER ADJUST THE POLARITY INVERSION TIME TO 0.
The box will carry out the polarity inversions without launching production. You risk causing deterioration of the electrode, as well as the electronic part of the device.

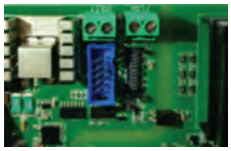
3. POSSIBLE ADJUSTMENTS ON THE DEVICE

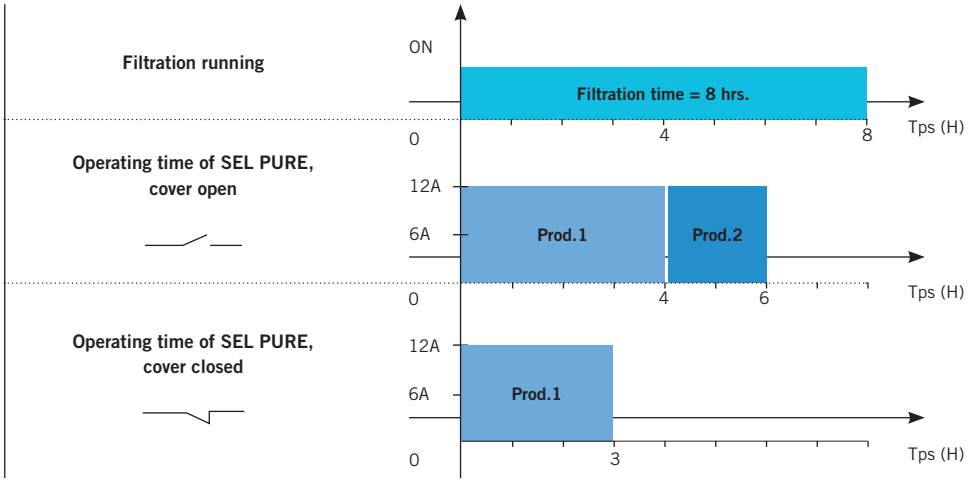
3.3. Adjustment of closed cover production time

1. With the device off, press the + and - buttons.
2. Turn the device on while pressing the + and - buttons. Wait until PRO message is shown on the display. When PRO is displayed, release + and - and select FE by scrolling with +. Validate by pressing menu.
3. A value will be displayed. This value is shown in % and is equal to the closed cover production time. Perform proper adjustment to your installation by pressing + or -.
4. Once the value is selected, validate the adjustment by pressing menu.
5. The device will resume normal operation by launching production after a few seconds.

4. COVER WARNING

The device's electronic panel is equipped with a "COVER" terminal. This is normally an open dry contact. The connection may be made with no concern for polarities. When the cover is closed on the pool, the device's X production will be decreased by X% in terms of the % of production time determined on the front face. The amperes are not to be changed.





[% prod. = 75%] [INT = 12A] [DUR = 4hrs.] [FE = 50%]

5. QUESTIONS AND ANSWERS (TROUBLESHOOTING)

In certain cases, a simple visual check suffices to determine the causes of a malfunction or to get an idea of what points to check. The table below will help you complete a preliminary diagnosis:

Anomaly found	Anomaly origin	Solution
- DEL - Prod. Blocked - Salt holder lit	- Electrode conductivity failure	- **Verify salt level and water temp.** - **Verify electrode operation**
- DE1	- Malfunction of main panel	- **Change main panel**
- DE2 (+1 min standby)	- Casing temp. too high	- **Put casing in a dry, well-ventilated location** - **Verify fan operation**
- DEF-DUR-FE-PROD-TPS-TEN discrepancy - Cover panel fully lit	- Cover panel malfunction	- **Change cover panel**
- Running properly but Cl production insufficient	- Stabilizer level too low - Insufficient salt level - Water temp. too high - Electrode used	- **Readjust stabilizer and salt** - **Change the electrode**
- Flow switch lit	- The flow switch detects that there is a lack of flow	- **Check the presence of flow** - **Flow switch continuity** - **Change the flow switch**