

# HIDROLIFE

## SALT ELECTROLYSIS

### NEW CONCEPT TO ENHANCE THE WATER QUALITY

- **Salt Electolysis** from 3 g/l of salt
- **Can work with sea water**
- **Controls and regulates pH**, Redox, free chlorine
- **7 Relays for pool control:** filtration, lighting, pH + 4 auxiliaries
- Temperature control
- **Option: remote control** (wifi / ethernet + app)

**Technical description:** Generates chlorine from dissolved common salt in the pool water. Avoids the purchase and manipulation of chemical products and simplifies maintenance. Guarantees a healthier and more pleasurable swim.



Non contractual photography



Self cleaning Cell



Cell warranty



Polarity change programming



PVC Transparent support



Security sensor included

**ELECTRONIC UNIT**

DESCRIPTION	SAL 16	SAL 22	SAL 33	SAL 50
Maximum production Cl <sup>2</sup> /h	16 g	22 g	33 g	50 g
Salinity	From 3 g to 100 g NaCl/l			
Pool Volume m <sup>3</sup> (up to 28°C)	65 m <sup>3</sup>	110 m <sup>3</sup>	200 m <sup>3</sup>	250 m <sup>3</sup>
Pool Volume m <sup>3</sup> (+28°C)	40 m <sup>3</sup>	80 m <sup>3</sup>	125 m <sup>3</sup>	150 m <sup>3</sup>
Display	2.8" TFT full color removable screen for remote installation (12 languages)			
Power supply	220 V 50/60 Hz			
Output	8-15 A	8-20 A	10-15 A	10-16 A
Maximum consumption	120 W	160 W	150 W	400 W
Dimensions	270 x 220 x 115 mm			
Electronic unit	Flame retardant plastic black ABS			
Protection cover	Flame retardant plastic yellow ABS			
Control	Microprocessor 32 bits			
Intensity regulation	Amperage + Voltage			
Ventilation	Heatsink			
Self-cleaning	Programmable from 1 to 24 h			
Flow control	Gas sensor			Flow sensor
Operating hours counter	Yes, accessible by customer			
Production control	g/L			
Alarms	Low salinity / Lack of flow / dosing pH / excessive pH out of range / ph maximum dosing time			
Salinity test	Detects g/l of salt (accuracy of ± 10%)			
Production control per deck/cover	Configurable production level 0-100% depending on open or closed pool cover			
External signal production	Configurable production level 0-100% depending on any external signal (second analog input)			
Communications	MODBUS RS485 / WIFI / ETHERNET			
Main control outputs	Filtration control / Lighting control / Heating control			
Additional control outputs	4 additional relay outputs configurable by the user			

**SALT ELECTROLYSIS CELL**

DESCRIPTION	SAL 16	SAL 22	SAL 33	SAL 50
Saline electrolysis cell	4 titanium plates	5 titanium plates	7 titanium plates	10 titanium plates
Minimum flow	5 m <sup>3</sup> /h	7 m <sup>3</sup> /h	9 m <sup>3</sup> /h	11 m <sup>3</sup> /h
Plates sizes	200 x 45 mm	200 x 45 mm	200 x 45 mm	400 x 45 mm
Cell support material	Transparent PVC plastic			
Cell closure	Threaded for easy cell installation			
Pipe connection diameter	63 mm			
Cell cable	(3 x 4) x 1.5 m			
Gas sensor	Built-in cell			no
Maximum pressure	4 Kg/cm <sup>2</sup>			
Maximum temperature	45°C			