

PoolCop Ocean

THE IDEAL SOLUTION FOR A HEALTHIER, MORE ENVIRONMENTALLY FRIENDLY BATHING EXPERIENCE

By combining hydrolysis and electrolysis processes at low salinity, PoolCop Ocean offers users maximum disinfection with a minimum amount of chlorine in the water.

Using cutting-edge Sugar Valley technology and controlled by the ModBus communication integrated into both PoolCop Evolution and PoolCop Genesis, this electrolyser / hydrolyser provides accurate and dependable disinfection, taking into account multiple parameters, including the ORP, free available chlorine level, pool cover position, pump speed, pH and weather conditions.

With salt concentrations as low as 0.5 grams per liter, PoolCop Ocean is a high end advanced oxidation electrolyser, combining both hydrolysis and electrolysis. Available in three versions for pools up to 60 m³, 120 m³ and 200 m³, PoolCop Ocean brings optimal results regardless of the desired salt level by combining the total control of the production of chlorine or free radicals and polarity inversion, thus offering crystalline water and extended cell life.

The result is a more natural experience for swimmers, with the added benefits of lower impact on the environment, and a longer life span for pool equipment.



By connecting the PoolCop Ocean to any PoolCop, the production rate and polarity inversion can be controlled and adjusted remotely and in real-time according to the needs of the swimming pool.



PRODUCT ADVANTAGES

- Sugar Valley technology
- Modbus connection
- Fully controlled by PoolCop
- Automatic polarity inversion
- Polarity inversion control from 1 to 8 hours
- Cell life: 8,000 h
- Production capacity: up to 45 g/h
- Production control from 0 to 100 %
- Ultra low salinity from 0.5 to 1.5 g/l
- Normal salinity from 2 to 6 g/l
- High salinity from 6 to 100 g/l
- T-type cell for horizontal or vertical mounting



TECHNICAL SPECIFICATIONS

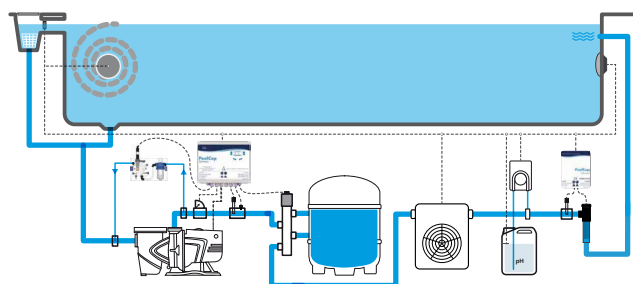
PoolCop Ocean
60

PoolCop Ocean
120

PoolCop Ocean
200

REFERENCE	OC0060	OC0120	OC0200
CHLORINE PRODUCTION (> 1.5g/l and 25°C)	15 g/h	30 g/h	45 g/h
MAX POOL VOLUME UP To 28°C	60 m ³	120 m ³	200 m ³
MAX POOL VOLUME ABOVE 28°C	40 m ³	80 m ³	120 m ³
SALT RECOMMENDED	NaCl 100% or NaCl 75% : MgCl ₂ 25% or NaCl 50% : MgCl ₂ 50%		
SALT CONCENTRATION RANGES	Low 0,5-2 g/l and normal 2-6 g/l and upper > 6 g/l		
PACK CONTENTS	<ul style="list-style-type: none"> • Power pack with power supply and modbus control cables • Cell holder (63mm) • Cell with cable 		
DIMENSIONS Power Pack	270 x 220 x 115 mm - 8.5 Kg		
DIMENSIONS Cellule	310 mm	520 mm	520 mm
GUARANTEE	24 months - Power Pack 8000 hours - Cell		
DISPLAY AND CONTROL	Via PoolCop, web interfaces and PoolCop Cloud		
POOLCOP FIRMWARE, MINIMUM REQUIRED	V44.4		
COMMUNICATION WITH POOLCOP	RS485 Modbus		
POWER PACK	230V.a.c. 50/60Hz protection IP54 Automatic polarity inversion		
CELL	Vertical or horizontal installation (OC0200), 63mm connectors Cable length 1.5 m MONO-POLAR titanium plates Minimum flow 45 l/min Maximum pressure 4 bar Water temperature range 0-45°C Low salt protection and low flow protection (gas detection)		
REFERENCE REPLACEMENT CELL	OC0061	OC0121	OC0201
MAXIMUM POWER CONSUMPTION	120 W	160 W	250 W
COMPLIANCE, ACCREDITATION, CERTIFICATION	CE, WEEE		
INSTALLATION COMPATIBILITY	PoolCop Evolution or PoolCop Genesis New Construction, renovation, or upgrade Residential and commercial pools and spas		
COMPATIBLE OPTIONS	Conductivity sensor Flow detector PoolCop free available chlorine sensor FAC pH treatment equipment and accessories		

TYPICAL INSTALLATION WITH GENESIS



TYPICAL INSTALLATION WITH EVOLUTION

