



UV Sterilisation

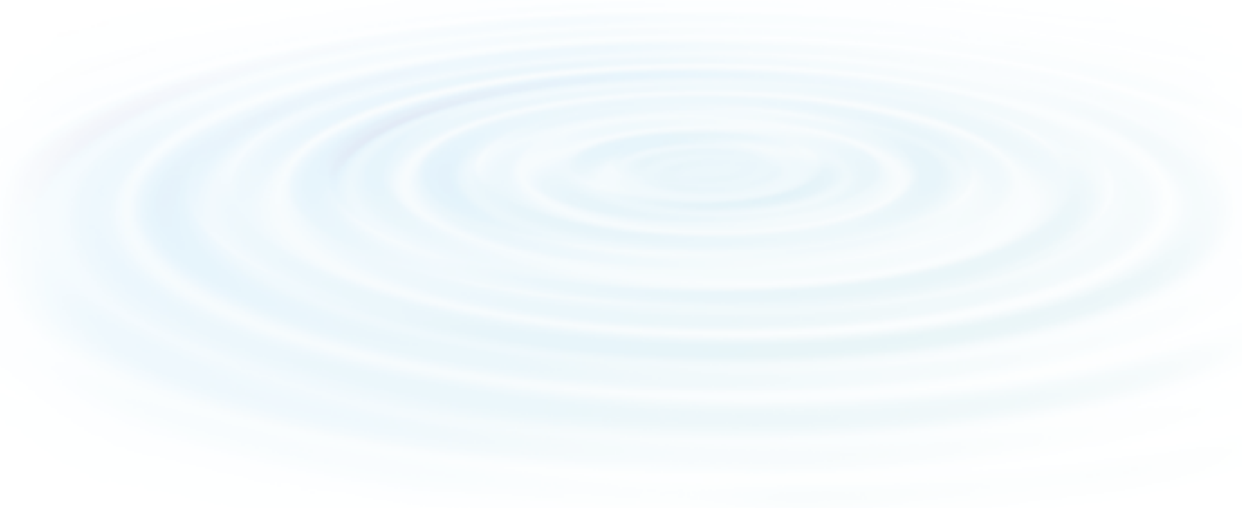
UV-C Sterilizer

Pool UV

Ozonator Ozy

Ionisators

Chlorinators





UV Sterilisation

UV disinfects water safely and in an environmentally friendly manner. It keeps the formation of mould, bacteria and algae under control and protects the swimming pool water against pathogenic organisms.

UV-C Sterilizer

UV REACTOR

- Housing inside stainless steel 304
- Interior is electrolytically polished so grime can barely adhere
- The Philips lamp has a useful life of 9000 hours
- Easy lamp access
- Maximum pressure 3 bars



Reference	Type	Max. flow rate (m ³ /h)	UV-C radiation	Length (cm)	Euro
3003066350	UV-C 15 000	7,2	3,4 Watt	47	240
3003066351	UV-C 35 000	15	15 Watt	102	287
3003066352	UV-C 70 000	20	25 Watt	102	298
3003066353	UV-C 150 000	40	50 Watt	102	923

SITA - UV technology in swimming pool water treatment

UV radiation is recognized as one of the finest technologies for disinfecting water. The inactivity of the pathogen microorganisms is due to the damage caused to the molecules of the nucleic acids by this radiation, which results in their cellular replication being compromised.

The fact that the water's chemical/physical and organoleptic qualities are not altered, and the complete absence of by-products of disinfection, means that it is currently one of the safest and most commonly used technologies for water disinfection.

In addition, the SITA SMP Series are particularly suitable for swimming pool applications since they reduce the high combined chlorine concentration, which is the major cause of irritation and unpleasant odours.

Medium pressure UV-systems

SMP Series

FEATURES

- UV Dosage > 80mJ/cm² (after 5000 hours)
- Irradiation sensor 254 nm
- Polished Stainless steel - AISI 316 L
- Manually activated quartz cleaning system
- Automatic quartz cleaning system option
- Sample faucet on outlet
- Working pressure 9 bar – Test pressure 13 bar
- Life span of lamps 5000 h

- IP 55
- System working hour meter
- Resettable lamp working hour meter
- Visual alarms
- Audio alarms option
- RS port
- General switch
- Temperature monitoring





Reference	Type	Flow rate (m ³ /h)	Lamps (qty x W)	Connection (in/out)	Power requirements	Euro
3075005724	SMP 10	40	1 x 1000	DN80	220 V	16240
3075005725	SMP 20	90	1 x 2000	DN100	380 V	17685
3075005726	SMP 25	130	1 x 2500	DN150	380 V	20441
3075005727	SMP 35	250	1 x 3500	DN200	380 V	22417
3075005728	SMP 50	350	2 x 2500	DN200	380 V	26798
3075005729	SMP 70	500	2 x 3500	DN250	380 V	31551
3075005730	SMP 105	750	3 x 3500	DN300	380 V	38779
3075005731	SMP 140	1200	4 x 3500	DN400	380 V	50016

All units are on demand. Larger units are available.
For more information or specific demands, please contact our Sales people

UV-C Sterilizer Swimming Pool Series

FEATURES

- Life span of lamps 9000h
- Irradiation > 25.000µWs/cm²
- Working pressure 9 bar – test pressure 13 bar
- Stainless steel AISI 316
- Hour meter
- Control LED
- Stainless Steel AISI 316
- IP 54

Reference	Type	Flow rate (m ³ /h)	Lamps (qtyxW)	Connection (in/out)	Euro
3075005732	UV-C SYS4	4	1 x 40	1 1/2" M	1196
3075005733	UV-C SYS7	7	1 x 40	2" M	1339
3075005734	UV-C SYS14	14	1 x 80	2" M	1482
3075005735	UV-C SYS18	18	1 x 80	2" M	1625
3075005736	UV-C SYS34	34	2 x 80	2 1/2" M	1963

Ozonators

Ozy ozone generators will kill bacteria, moulds, spores and viruses more quickly than chlorine or bromine and will eliminate the smell of chlorine.

Ozy ozone generators are very efficient, reliable and low in power consumption. The consumption of pool chemicals will be reduced spectacularly.

FEATURES

- Recommended: Residential swimming pool
- Ozone concentration: 0,2% by weight
- Feed gas: Ambient air
- Flow rate: 6,0 lpm
- Power requirements: 240 V / 50 Hz - 0,32 Amp
- Mounting: Wall mounted
- Enclosure: Plastic ABS
- Dimensions: 27 x 15 x 10 cm
- Weight: 1,6 kg
- Ambient temperature: 0 - 50°C



Reference	Description	Euro
3019010711	Ozy-3	1048



Ionisator

Ionisators

The working principle of the ionisator is based on the chemical activity of Cu-ions. The Cu-ions will not only help prevent the growth of algae and bacteria but also allow a much more efficient flocculation. The result is clean and healthy water, without an over consumption of chlorine.

SPECIFICATIONS

MODEL 300B

- Connections: voltage: 230V / 50Hz
- On request: 110V / 60Hz
- Electrical consumption: 10 Watt
- Change over polarity: every 50 seconds
- Weight of ionisator: 1 kg
- Weight of Cu-electrode: 1,4 kg



Electrode

diam. of connection of electrode:
63 mm (50 mm on request)

Reference	Description	Euro
3012001918	Ionisator Model 300 B	869
3012012009	Copper replace sets	68,93

Chlorinators

Salt water chlorinators for pool water treatment

Economical and Natural purification system for pools. Enjoy the comfort of your pool without the disadvantages of Chlorine.

Salt water chlorinators use a mixture of three common elements: water + household salt (Sodium Chloride) + electricity. It is based on the natural production (by electrolysis) of sodium hypochlorite, oxygen and ozone.

The water has a salinity of 1 g/l to 6 g/l depending on the system.

This is about 6 to 30 times lower than seawater.

GENERAL FEATURES

- Efficient and accessible cell of titanium, platinum or other precious metals, operation hours up to 3 seasons depending on the material used.
- Computerized automatic control and display
- Clear cell housing with only one position
- Electronic sensing switch
- Variable Chlorine output control, by means of Amp control
- Overload protection
- Automatic overload protects power supply from over salting
- Automatic low salt warning
- New models with lower power consumption



LILIPOOL

- The most efficient of all Salt Chlorinator systems uses only 1 g/l to 2,5 g/l.
- Low salt consumption : 200 kg at start-up for a 100 m³ pool, then 25 to 50 kg per year
- High quality water treatment thanks to a highly efficient chlorine production
- Effective persistence ensured in the pool
- Elimination of chloramines by ozone and oxygen radicals, which are byproducts of water electrolysis
- Cost efficient
- Continuous and fully automatic process : no need to think about it!

EASY, SAFE and COST EFFICIENT system

Basic Line - Lilipool 20 *for private use up to 100 m³*

- Salt concentration between 1,5 g/l and 2,5 g/l.
- Self cleaning process through automatic polarity reversal. Programmable
- Safety switch
- Separate earth electrode included
- Sacrificial anodes advised
- Different production modes : Semi automatic, 100% automatic

Reference	Description	Euro
3025105745	Lilipool 20	2055

Professional Line - Lilipool 50

- 50 to 200 g eq. Cl₂/h
- Salt concentration between 1 g/l and 1,5 g/l
- Self cleaning process through automatic polarity reversal. Programmable
- 100% automatic mode, according to regulated chlorine demand
- 2 Electrodes installed: one in normal operation, one in stand by
- Authorized by the Belgium **VLAREM II** norm

Reference	Description	Euro
3025105746	Lilipool 50	on demand

Larger models available on request up to 1000 g eq. Cl₂/h

