

Ospa BlueClear® disinfection 8/15 DL

Hygienic, pure, premium wellness water



- For the highest demands in water quality
- Free of disturbing chlorine odor
- Gentle on the skin and eyes
- Natural and high in oxygen content

ospa

Purity without compromises

Gentle on the skin and eyes



-  Comfortable: Ospa BlueClear® systems operate fully automatically and reliably
-  Resource-conservative: up to 75 % less chemicals for the most natural swimming pool water
-  Inspected: Ospa BlueClear® systems are certified by the Gelsenkirchen Hygiene Institute Hygienic
-  Hygienic: Only active components that are approved for drinking water treatment are used



MADE IN GERMANY

- Hygienic and oxygen-rich healthy water
- Gentle on the skin and eyes
- More than 60 years of experience in development and manufacturing guarantee maximum safety

Your wellness is important to us, which is why Ospa uses only active components for swimming pool water disinfection that are also approved by drinking water regulations. As a result, Ospa-BlueClear® systems also effortlessly meet the highest water quality requirements. The disinfectant is acquired on-demand from inexpensive salt. This also creates high quality oxygen compounds that give Ospa water its famous freshness.

For the sake of your health. No handling of chlorine or algae annihilators. The use of dangerous operating resources should be avoided, particularly in private swimming pools. Ospa Blue-Clear® systems differ significantly from conventional disinfection methods or electrolysis devices, which only generate sodium hypochlorite with a low concentration of active components or hazardous substances as operating resources. Ospa BlueClear® only need inexpensive salt as an operating resource. This eliminates the need to handle and store dangerous disinfection chemicals..

The Ospa siphon reservoir receives the consumed, alkaline common salt solution from the electrolysis system. The solution collected in the container is highly diluted by the filter flushing water. This protects the environment in particular and is an active contribution to environmental safety.



Ospa BlueClear® controller 8/15 DL – the digital control center with display for operating state and performance indication.

Automatic, for maximum convenience. Ospa Blue-Clear® systems operate fully automatically thanks to the latest measurement and control technology. In connection with Ospa BlueControl® or Ospa CompactControl®, disinfectant content is controlled on demand and free chlorine and redox value are displayed. The pH value is also automatically controlled. This prevents over-dosing or under-dosing, saving operating resources and costs.



Certified by the Hygiene Institute. Ospa BlueClear® systems have been certified for effectiveness by the Gelsenkirchen Hygiene Institute.

This certification confirms that a particularly high redox voltage and, consequently, safe disinfection is achieved with Ospa BlueClear® systems. The redox voltage provides information about the ratio of substances to be reduced (contaminants) to substances to be oxidized (e.g. chlorine-oxygen compounds). A high value with high disinfection speed and disinfection power of 780 mV, for example, is an indication of high water quality and can be easily achieved with Ospa-BlueClear® systems.

Naturally efficient. The operating costs of Ospa BlueClear® systems are extremely low. The salt consumption of a private indoor swimming pool is only about 10 kg per month on average. The average power consumption equals 30 W, maximum 100 W. If the system operates 12 hours a day, this results in power consumption of approx. 360 W. At an electricity price of €0.26/kWh, that's just €0.09 per day.

Advantages

- **Hygienic.** Only active components that are approved for drinking water treatment are used.
- **Fresh.** Ospa BlueClear® systems bring freshness to swimming water.
- **Natural.** Up to 75 % less chemicals. No detrimental carrier substances, solid or liquid preparations or electrolysis by-products enter the water. This means the most natural swimming pool water.
- **Germ and algae-free.** Germs and algae are not only killed, but incinerated by a mV). This prevents slippery coatings in the pool.
- **Convenient.** Ospa BlueClear® systems operate fully automatically and reliably.
- **Safe.** No handling or storage of hazardous disinfection chemicals. Salt just has to be refilled.
- **Cost-effective.** 1 g of active chlorine that is generated in Ospa BlueClear® systems costs only a fraction of what 1 g of active chlorine costs in the form of solid or liquid chlorine preparations.
- **Environmentally conservative.** Natural operating resources, low electricity consumption.
- **Reduced need for pH correcting agents.**

The ideal way to healthy water

Perfectly coordinated system technology for spring-fresh results



How do Ospa-BlueClear® systems work?

Ospa-BlueClear® systems are salt electrolysis systems for on-demand production of additive-free disinfectants on site. The unit contains an electrolysis chamber in the interior, in which salt and water are electrolyzed. The special design of the system creates high quality chlorine-oxygen compounds. This pure disinfectant, which is also approved for drinking water, is dissolved with pool water in a dissolving chamber within the system and added to the filtered water via the Ospa injector. In this way, only as much disinfectant is generated and added as is needed at a given moment. Salt just has to be re-filled, easily and safely. No corrosive salt enters the pool water.

Low voltage electricity is supplied via the Ospa control unit. Ospa-Blue-Clear® systems for private swimming pools are available in various performance grades depending on pool size.

Hygienic and oxygen-rich. The particularly important thing in swimming pool water disinfection: there must be a constant disinfection effect in the swimming pool itself (depot). The disinfection must be performed quickly and reliably. The effect in the pool water must be able to be reliably verified by measurement. Ospa BlueClear® systems ideally fulfill these requirements.

Natural. No chlorate or bromate are created in the Ospa electrolysis process. Compared to other disinfection methods, the Ospa electrolysis method uses approx. one fourth the quantity of resources for regulating disinfection and pH value. This means up to 75 % less chemicals for the most natural swimming pool water.

Conforms to the EU biocide regulation.

OspaSal, used by Ospa for electrolysis, is notified according to the biocide regulation. Ospa customers are on the safe side with respect to the process qualification, since Ospa is on the ECHA Article 95 list.

Ospa Swimming Pool Technology

73557 Mutlangen
Tel.: +49 7171 705-0

Email: ospa@ospa.info
Internet: www.ospa.info

