

Ospa BlueClear[®] 8/15 DL Disinfection

Hygienically clean superior wellness water



- For the highest water quality standards
- No unpleasant chlorine odour
- Kind on skin and eyes
- Natural and rich in oxygen

ospa

Purity without compromise

The gentle disinfection system from Ospa



Ospa EnergyPlus

Ospa BlueClear® systems extract the disinfectant on demand and fully automatically from natural salt. As a result, they are particularly energy efficient and cost effective.



- Hygienic and oxygen-rich wellness water
- Reduces the need for pH correctors
- No corrosive salt in the pool water
- No handling or stocking of chemicals for disinfection; only natural salt is used

Your well-being is our priority

This is why Ospa only uses substances for pool water disinfection that are also permitted under the German Drinking Water Ordinance. As a result, Ospa BlueClear® systems easily meet even the most stringent water quality requirements. The disinfectant is extracted on demand from natural salt. This also results in valuable oxygen compounds which give Ospa water its signature freshness.

For the sake of your health

No use of chlorine or algicides. In private pools in particular, the handling of hazardous materials should be avoided. Ospa BlueClear® systems therefore differ quite considerably from conventional disinfection methods or electrolyzers that simply produce additive-rich chlorine bleach solutions with a low concentration of active ingredients or that rely on hazardous substances. Ospa BlueClear® systems only use natural salt. This eliminates the need to handle and store disinfectant chemicals that contain hazardous substances.

The Ospa siphon container

It serves as a receptacle for the used, alkaline saline solution from the electrolysis system. The solution collected in the container is heavily diluted by the backwashing water. First and foremost, this protects the environment and actively contributes to pollution control.



Ospa BlueClear® 8/15 DL control unit – the digital control centre with display to show operating status and performance.

Automatic for maximum comfort

Ospa BlueClear® systems are fully automatic thanks to their cutting-edge measurement and control technology. Ospa BlueControl® and Ospa Compact-Control® enable on-demand control of the disinfectant concentration and show free chlorine levels and redox values. The pH value is also controlled automatically at the same time. This keeps dosing at the right level and saves on resources and costs.

Benefits

- **Hygienic:** Only active ingredients permitted under the German Drinking Water Ordinance are used.
- **Spring water freshness,** because Ospa BlueClear® systems inject freshness into the pool water.
- **Maximum naturalness:** Up to 75% less chemicals. No harmful carrier substances of solid or liquid chlorine preparations or electrolysis by-products get into the water. That means the most natural pool water possible.
- **Germ and algae free.** Germs and algae are not only killed, they are incinerated by the good oxidation effect (redox value approx. 780 mV) using this wet method. This prevents a slimy coating forming in the pool.
- **Convenient:** Ospa BlueClear® systems are fully automatic and reliable.
- **Safe:** No handling or storage of hazardous disinfectant chemicals. Simply refill with salt.
- **Economical:** The production of disinfectants in the Ospa BlueClear® systems is extremely inexpensive. Cost savings of up to 88% are possible compared with processes using solid or liquid chlorine preparations.
- **Environmentally friendly:** Natural resources, low power consumption.
- **Reduces the need for pH correctors.**

Certified by the Hygiene Institute



The effectiveness of the Ospa BlueClear® systems has been certified by the Hygiene Institute of Gelsenkirchen. This certification confirms that Ospa BlueClear® systems achieve a particularly high redox potential, and therefore safe disinfection. The redox potential provides information about the ratio of reducing substances (impurities) to oxidising agents (e.g. chlorine-oxygen compounds). A high value with a higher disinfection speed and a disinfection capacity of, for example, 780 mV are indicators of high water quality and are easy to achieve with Ospa BlueClear® systems.

Naturally economical

The operating costs for Ospa BlueClear® systems are extremely low. The salt consumption for a private indoor swimming pool averages around just 10 kg per month. The average power consumption is 30 W, up to a maximum of 100 W. If the system is operated 12 hours a day, the power consumption totals approx. 360 W. Assuming an electricity price of € 0.42 per kWh, that equates to just € 0.15 per day.



The ideal solution for wellness water

Perfectly balanced systems technology
for spring-water freshness



Function

Ospa BlueClear® systems are salt electrolysis systems for the on-demand extraction of additive-free disinfectants on site. The units contain an electrolysis chamber in which salt and water are electrolysed. The special design of the systems allows high-quality chlorine-oxygen compounds to be produced. This pure disinfectant, also permitted for drinking water, is dissolved inside the system with pool water in a dissolving chamber and is then added to the filtered water via the Ospa injector. Only the amount of disinfectant required at a particular time is ever produced and added. Simply refill with salt – easily and safely. No corrosive salt in the pool water.

The Ospa control unit supplies low-voltage electricity. Ospa BlueClear® systems for private swimming pools are available in various performance levels, depending on pool size.

Hygienic and oxygen-rich

The most important aspect in pool water disinfection is: Ensuring a constant disinfectant effect within the swimming pool itself (deposit). This disinfection needs to be fast and reliable. It must be possible to reliably verify the effect in the pool water by measurement. Ospa BlueClear® systems ideally satisfy these requirements.

Maximum naturalness

The Ospa electrolysis process does not produce chlorates or bromates. Compared to other disinfection methods, the Ospa electrolysis process uses approximately one quarter of the disinfectant and pH value-regulating resources. This means up to 75% less chemicals for the most natural swimming pool water possible.

Compliant with the EU Biocidal Products Regulation

The OspaSal used by Ospa for electrolysis is a notified product in accordance with the Biocidal Products Regulation. Ospa customers can rest assured when it comes to process qualification as Ospa is on the ECHA Article 95 list.

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