

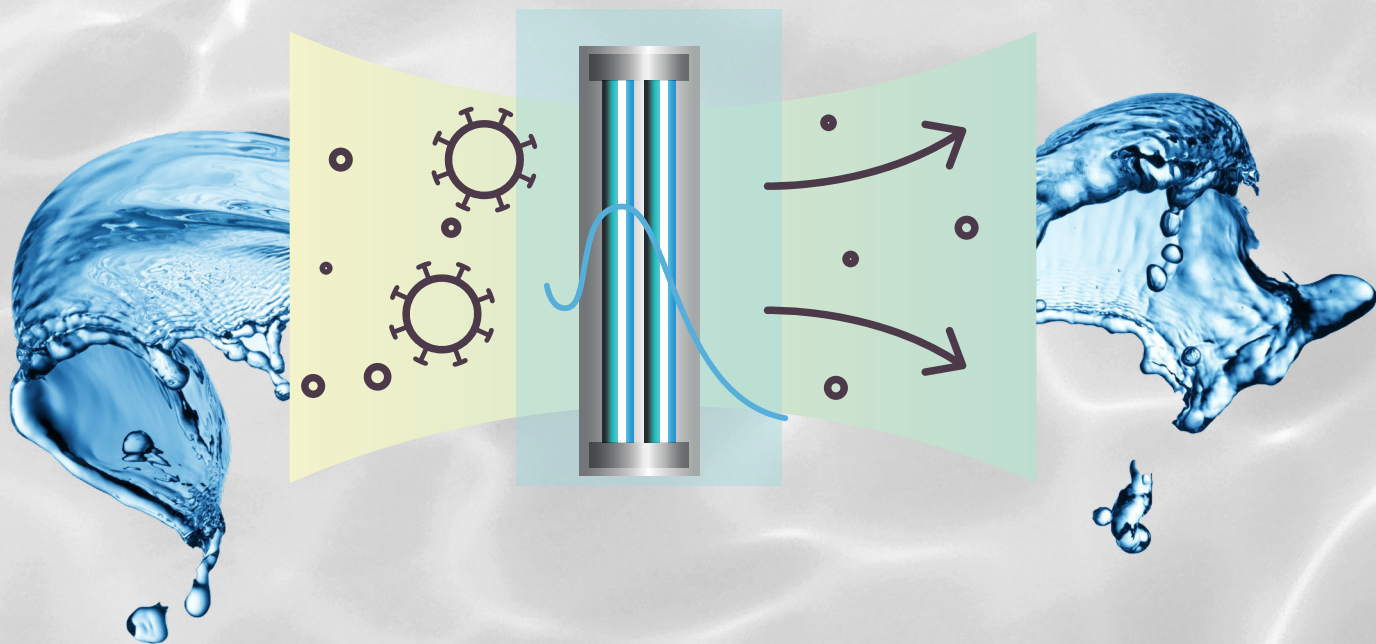
2026/27



POOL DISINFECTION TODAY

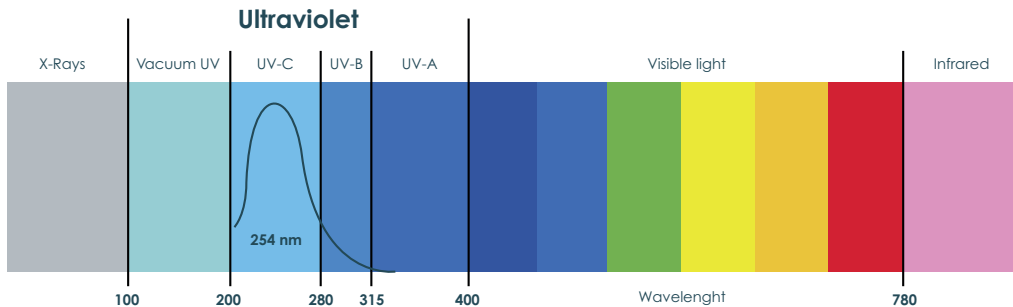


UV-C SYSTEMS
by max daprà



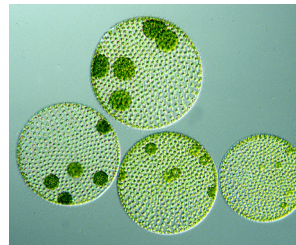
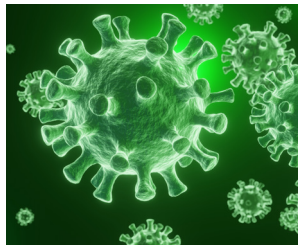
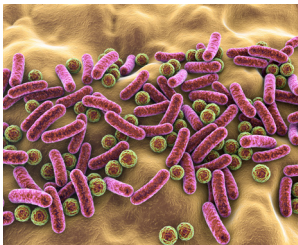
How does disinfection with a UV-C device work?

UV radiation operates within an electromagnetic spectrum from 100-400 nm (nanometers), which is divided into sub-ranges. UV-C radiation is found in the short-wave range from 200-280 nm, is very energy-intensive and dangerous for humans, but also for microorganisms! The UV lamps in the UV devices reproduce the UV-C radiation emitted by the sun and can therefore be used for disinfection.



They can neutralize microorganisms such as bacteria, viruses, free-floating algae, fungi or parasites.

They pose no risk to humans as the UV-C lamps are contained within the device, making them invisible to the human eye while the radiation only affects the water flowing through the system.





Additionally, UV-C radiation can largely break down the chloramines produced by chlorine, which cause the unpleasant odor of chlorine as well as irritation of skin and mucous membranes in the throat, nose and eyes.

By carefully following the installation instructions, you achieve a disinfection rate between 75% and 91% after the first day of operation, and up to 94% on the second day.

What are the advantages of a UV-C device?



- + Disinfectants such as chlorine cannot be completely eliminated (due to chlorine's residual effect), but they can be reduced by 50-70% when using a UV-C device.



- + The pool water remains fresh, clear and clean, and retains its natural taste. The unpleasant odor of chloramines (combined chlorine) and their irritating effects are eliminated, while the need to add fresh water is reduced.



- + By reducing chlorine, the building materials in and around the pool (tiles, handrails, in- and outlets, fittings, etc.) are less exposed to corrosion, which slows their aging process.



- + The costs for chemicals and pool maintenance are reduced. Greater sustainability is ensured.

Conclusion:

Reducing chemicals in the pool and eliminating harmful microorganisms as well as a large portion of chloramines through UV-C radiation is the perfect combination to support people's greatly increased health consciousness!

Our current UV-C devices



EU declaration of
conformity



Datasheet Easy UV
stainless steel



Datasheet Easy UV
titanium

- + **Three devices** are currently available. Two **stainless steel** devices with capacities of **4-8 m³/h** and **5-15 m³/h** respectively, and one **titanium** device (suitable for saltwater pools or pools with salt electrolysis) with a capacity of **5-15 m³/h**.
- + The devices are **bacteriologically tested**.
- + They are equipped with **80-watt UV-C low-pressure lamps**. The UV-C lamps have a **lifespan of 9000 hours** with a wavelength of 253.7 nm.
- + The larger devices are equipped with an **hour counter and an on/off switch**.
- + The devices can be **easily integrated** into the circuit through the filter pump.
- + They are **compatible with all other disinfection systems**.



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