



We know the sun emits spectral radiation consisting of ultraviolet rays. The UV generator develops mostly UV-C rays. These rays alter the DNA structure of pathogenic micro-organisms and allow their destruction while preventing their reactivation.

The UV Light treatment generates a disinfecting radiation. When the water passes in front of the lamp, its micro-organisms are destroyed. 99% of bacteria and viruses are therefore eliminated.

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**UV:light**  
A disinfection system for swimming pools



How does the **UV:light** system work?



## ECOLOGICAL

With the UV Light system, you reduce your chlorine consumption up to 80%. In addition, the UV Light system is the perfect green choice, because it releases practically no chemical products into the environment. While if using salt, corrosion will damage the pool's components and the environment.



## SECURITY

Originally, UV Light technology was used to disinfect drinking water and waste water. This technology was adapted to the pool industry. For 15 years now, 40% of all pools in Europe are sanitized with this system.



## EASY MAINTENANCE

Having clean pool water requires maintenance. The UV Light system makes swimming more enjoyable because it requires little maintenance. For pools using chlorine, the water must usually be tested every day. For salt water pools; it's once a week and for pools using the UV Light system; it's once every 2 weeks. Unlike chlorine or salt systems, the UV Light system requires practically no adjustments of water's pH level because the quantity of chlorine used in the pool is so minimal that it doesn't affect the pH.



## ECONOMICAL

The purchase cost of a UV Light system is essentially the same as the cost of a salt system. However, the replacement cost of a UV lamp is about 4 times less than the replacement cost of a salt system cell.

Upon comparison, the UV Light system clearly stands out with operation costs that are much less than those of a salt system.

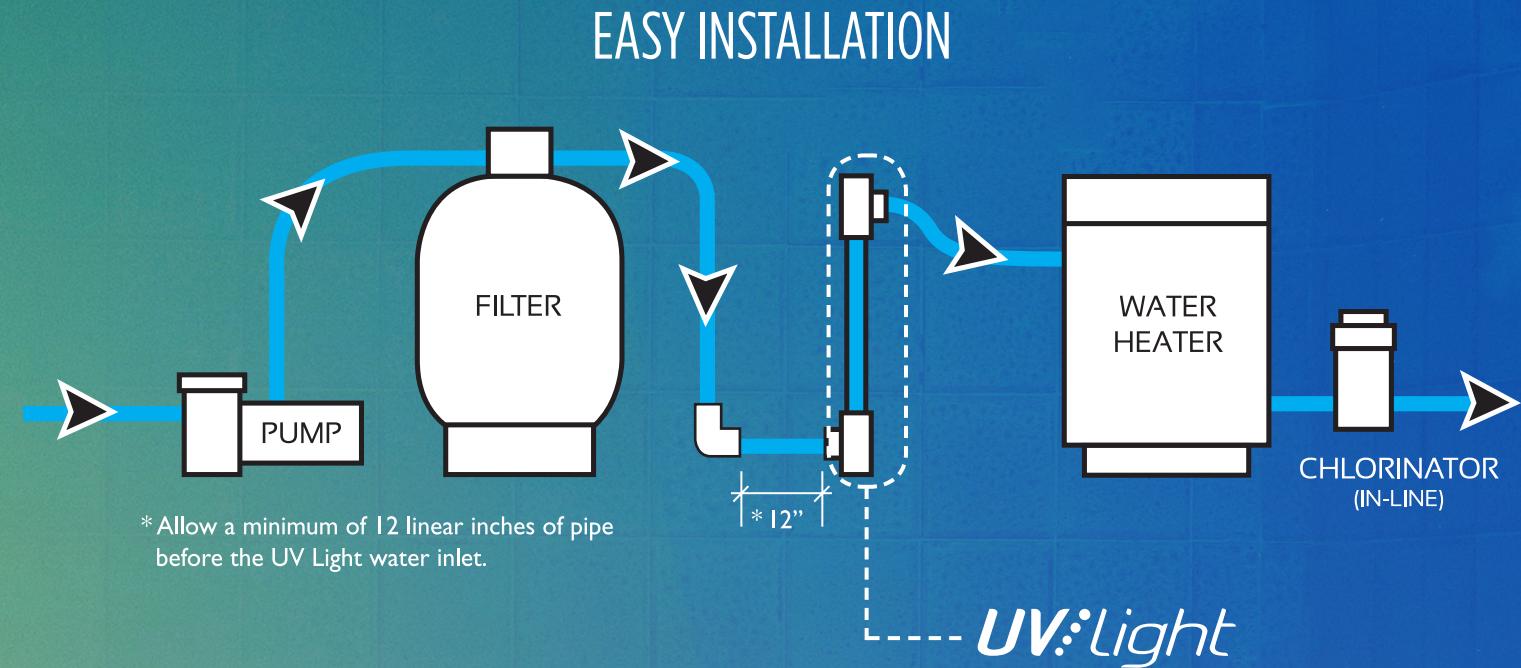
## UV:light

Salt system

## COMPARISON CHART\*

Initial cost	Salt to add	Salt to test	Water becomes corrosive
\$599	No	No	No
\$720 including salt	120 kilos = \$55 per summer	4 times per summer	Yes

\*The costs are based on an 18' to 21' pool (30,000 - 40,000 L) depending on model and manufacturer.



UV:light