

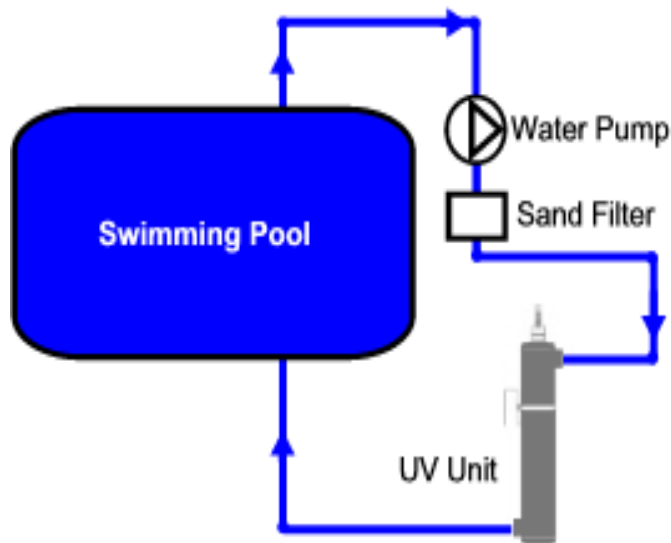
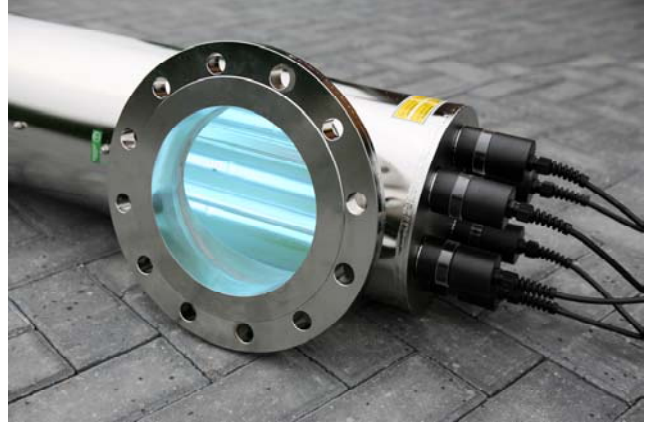
UV Disinfection For Swimming Pools

UV Disinfection: The Basics

Why Use UV?

UV is becoming increasingly popular as the method of water treatment in swimming pool applications. The action of the UV energy is two fold: it kills pathogens in the water and breaks down combined chlorine compounds (sometimes called Chloramines). This is accomplished without the addition of further chemicals into the water.

By taking over the role of the primary biocide, much reduced levels of chlorine based chemicals are required. As a result, water quality and atmospheric conditions within the pool hall are improved, with an enhanced bathing experience for pool users.



Application

The UV unit is simply fitted into the pool water re-circulation system after the sand filters and generally before the heat exchanger. Alternatively, the UV unit can be fitted in a by-pass line treating only part of the water at any given time.

Units can be supplied with manual or fully automatic wiping systems, UV intensity monitors and, should the need arise, full data logging facilities.

Advantages

A correctly sized UV system can reduce the need for chlorine by upto 80%. A small quantity of chlorine is still required to give an in-pool residual treatment & to maintain clean pool surfaces. Fresh water make-up may also be reduced, reducing water and heating costs.

Contact us for:

- Small units for domestic pools, spa's and whirlpools
- Large units for Commercial and Municipal pools
- A complete package from initial site survey through to installation & commissioning
- Full after-sales servicing and customer care.

UVO3 Ltd: Specialist suppliers of UV water disinfection equipment & other non-chemical water treatment technologies



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