

SwimLine UV

Berson UV-techniek
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Since 1975, Berson UV-techniek has designed and manufactured tens of thousands of UV systems.

Development, engineering, sales and service are all carried out from the company's Headquarters in Nuenen, The Netherlands.

As part of the international Halma Group, Berson is:

- a leading innovator
- at the forefront of UV
- financially strong

Berson UV is a specialist in the following UV applications:

- drinking water
- waste water
- Process water
- Swimming pool & spa water
- TOC reduction

Berson UV supplies:

- low pressure lamps
- medium pressure lamps
- bersonMultiwave® lamps

The brand berson stands for:

- innovation
- quality
- cost efficiency
- reliability
- ease of use
- excellent service

UV is gaining acceptance for inactivating microorganisms which are particularly sensitive to UV radiation around 265 nm.

bersonMultiwave® -
the culmination of 30 years
experience in medium pressure
UV lamp technology

Berson, masters in UV



Nominated for the International Aquatech Innovation Award 2004

The new SwimLine UV® ultra violet (UV) system is specifically designed to reduce chloramines in swimming pools, spas and aqua parks.

Chloramines are formed when chlorine reacts with sweat or urine in pool water and are responsible for the unpleasant smells and eye irritations often experienced by visitors and staff at indoor pools.

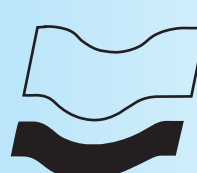
SwimLine UV® uses a unique switching mechanism which varies the number of UV lamps in operation during peak and off-peak periods. This means operators can save money by reducing energy consumption, while still getting the water quality they desire.

The system has a compact 'in-line' design which means it can easily be installed in existing pipeworks; the design also results in a low headloss.

A useful added benefit if UV is the inactivation of harmful, chlorine-resistant microorganism like *Pseudomonas* and *Legionella* in pool and spa water. This means that the amount of chlorine necessary for general disinfection can be significantly reduced.

The overall effect is a cleaner, healthier environment with none of the unpleasant side effects commonly associated with chlorination.

Duty/standby lamp switch

 **berson**
UV-techniek