



Why Van Remmen UV Techniek

- The most energy-efficient UV systems
- Durability and innovation are paramount
- High quality and long life
- UV reactors made of stainless steel (316L), to withstand many outside influences
- In addition to the standard range of products, Van Remmen UV Techniek can also supply customised solutions
- Full technical support and after-sales services

Validated series

UV disinfection for drinking water

The Validated series of Van Remmen UV Techniek is designed for reliable disinfection of drinking water with a transmittance (T_{10}) between 80 and 99%. The Validated UV disinfection systems of Van Remmen UV Techniek are our most durable and energy-efficient UV disinfection systems ever developed. A system in which continuous innovation and optimisation is reflected in every component.

powered by **Van Remmen**
Validated series

Validated series

Optimisation, validation

With Van Remmen UV Techniek, durability and innovation are paramount. Consequently, Van Remmen UV Techniek is continuously working on development of its products and people. The new Validated series for drinking water, is a perfect example of this.

During the design phase, use has been made of Computational Fluid Dynamics (CFD), to understand the pattern of flow lines and how the micro-organisms move through the reactor. A NEN-certified test facility has been used to test (validate) the reactors. The validation was carried out microbiologically, in addition to simulation calculations made earlier. Reliable tests for reliable capabilities. And to be sure of continuous, reliable performance, all our control systems are fitted with a high-frequency power supply designed and developed in-house.

Thanks to the optimum reactor design, combined with high-efficiency UV lamps and properly matched power supplies, our UV systems are the most energy-efficient on the market today.



Advantages

- Validated UV system according to NEN-EN 14897
- Lower cost due to high energy-efficiency compared with conventional UV systems
- Optimum reactor design with matching power supply
- User-friendliness and low maintenance
- Constant monitoring of lamp status

