

ENJOY EVERY SPLASH





Crystal-clear, healthy and safe water - Naturally effective

Red eyes, skin irritation, and that familiar chlorine smell: these are complaints almost every pool operator recognizes. For campsites with a swimming pool, these issues directly affect the guest experience — and with it, your reviews and repeat bookings.

The real cause? Chloramines.

When chlorine reacts with sweat, urine, and other organic substances in the water, chloramines are formed. These are the compounds responsible for the typical pool smell and for eye and skin irritation - not the chlorine itself.

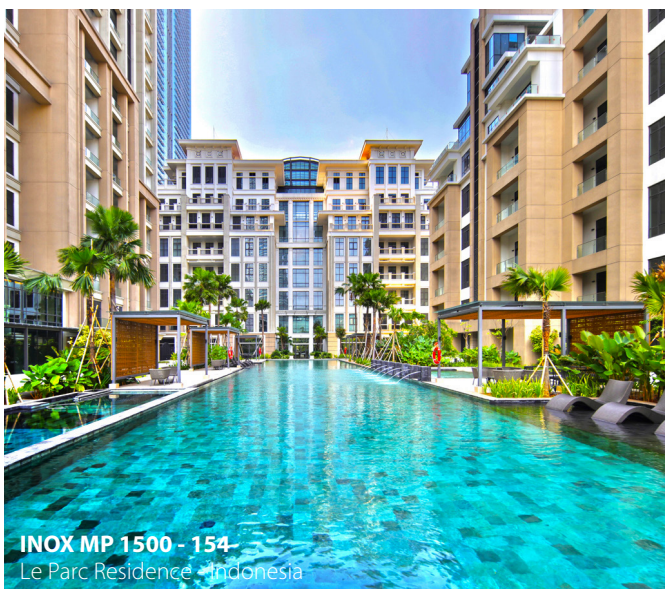
The solution: VGE Pro Medium Pressure UV-C systems. Our UV-C technology breaks down chloramines quickly and effectively, even in large water volumes.

The result:

- No more red, stinging eyes for your swimming guests
- No irritating chlorine smell in the pool area
- Extra disinfection against chlorine-resistant microorganisms
- Less chemical use, lowering costs and improving sustainability
- Easy to integrate into existing and new installations



INOX MP 2000 - 219
Capfun - Netherlands



INOX MP 1500 - 154
Le Parc Residence - Indonesia

Reliable and low-maintenance

Our systems are built in SS 316L, with a long lamp lifespan (9,000 operating hours) and available with a manual or automatic wiper, keeping the quartz glass clean without taking the system out of operation. For added convenience and safety, the Comfort Control Panel offers UV intensity and temperature monitoring with a color touchscreen (sensors needed for temperature or UV monitoring).

Whether you have a compact pool or a large swimming paradise at your campsite: VGE Pro has a system to match your capacity, from small-scale up to 1200 m³/h.

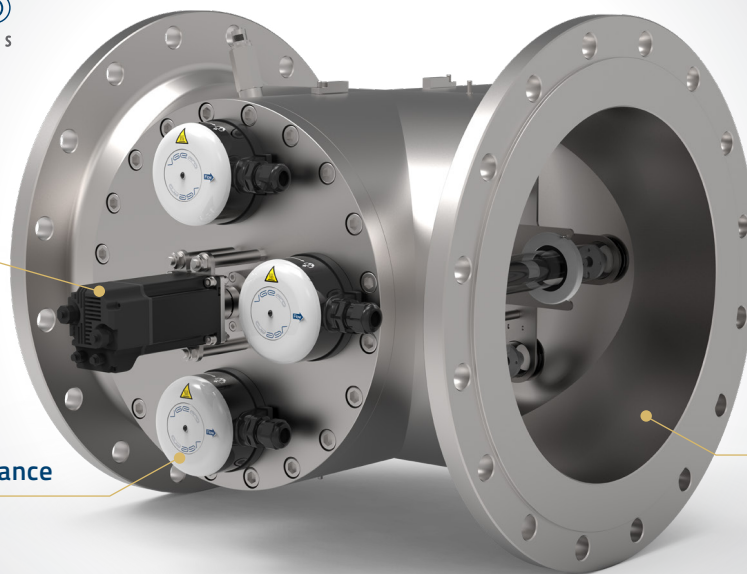
Efficient energy use

All our comfort models (possible from 1kW and upwards) have the possibility to dim the lamp up to 50%. this saves energy and lowers use costs, whilst maintaining full disinfection potential.

Automatic Wiper

One-sided maintenance

SS 316L Treatment Chamber

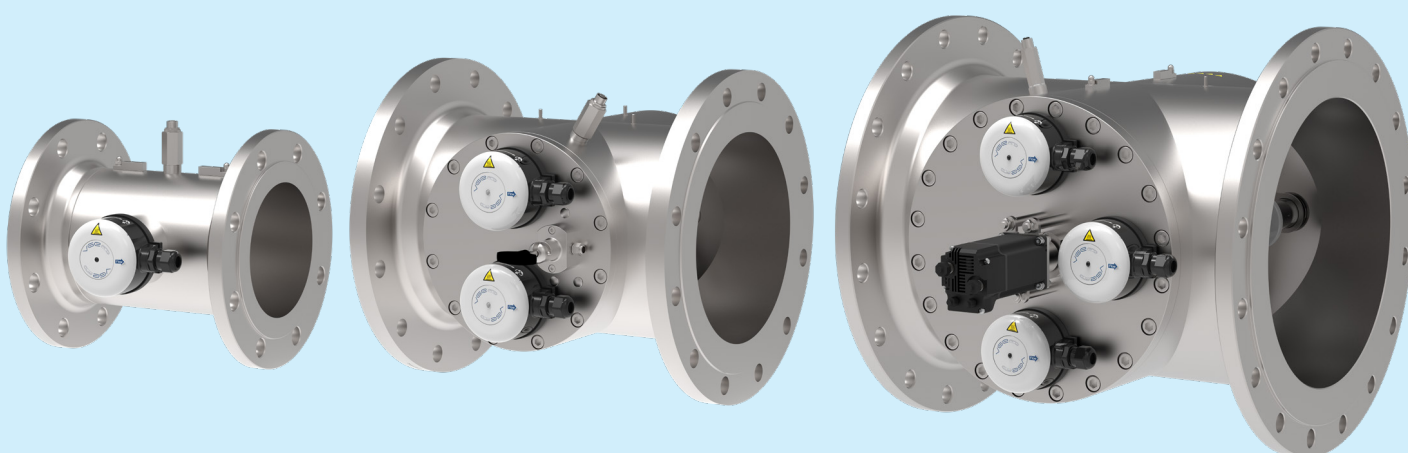


MEDIUM PRESSURE LAMP SYSTEMS

VGE Pro UV-C systems offer a proven method of water disinfection—chemical-free where possible, and maximally effective by design. Whether it's a private pool, a compact hot tub, or a large commercial installation, VGE Pro UV-C guarantees sparkling clear water in an environmentally responsible way when combined with a properly functioning filtration system.

For swimming pools, guaranteeing safe and pleasant water for swimmers is essential, along with meeting legal regulations and addressing maintenance and energy requirements. Traditional methods of disinfection, such as chlorine, are widely used but introduce unwanted side effects. The familiar "chlorine smell," irritation of the eyes, and even damage to swimwear are common complaints from swimmers. Pool operators have to constantly balance using chemicals, changing regulations, maintenance requirements, and water quality factors that impact the swimming experience.

This is where UV-C disinfection technology makes a clear difference. VGE Pro's Medium Pressure UV-C lamp systems provide a reliable, eco-friendly solution to guarantee controlled water quality. UV-C water treatment is highly effective at reducing chloramines in the water, with the added benefit of extra disinfection and neutralizing chlorine-resistant microorganisms. As a result, our systems control your water quality and create a very comfortable swimming experience. When properly applied, medium pressure UV lamp units offer a long-lasting, effective solution for pool operators looking to modernize their water treatment approach.



System	2000-219	2500-256	3000-306	5000-256	6000-306	7000-356	10500-356
Process	[m³/h]	[m³/h]	[m³/h]	[m³/h]	[m³/h]	[m³/h]	[m³/h]
Disinfection: D = 400 J/m², UVT = 98 %	178	257	339	457	645	859	1248
Chloramine reduction: D = 600 J/m², UVT = 95 %	100	140	181	242	329	426	618
Chloramine reduction: D = 400 J/m², UVT = 95 %	149	210	271	363	494	639	928



Camping Het Goede Leven

Camping Het Goede Leven in Eerde uses the VGE Blue Lagoon Xpert-Series Medium Pressure 600 W UV-C to keep their pool water free of chloramines, providing guests with a healthy and clear swimming experience. The campsite deliberately chose VGE for their UV-C installation.

Key deciding factors included:

- **Easy installation** – the compact chamber design allows for space-saving placement and simple integration into the existing pool system.
- **Low costs** – the lamp's long lifespan (9,000 operating hours) keeps replacement costs and frequency to a minimum.
- **Easy maintenance** – the single-ended lamp allows for quick and simple replacement, supported by a clear control panel with lamp function indicator and replacement alert.

With the VGE 600 W UV-C installation, Camping Het Goede Leven benefits from powerful chloramine reduction, reduced maintenance, and a reliable, cost-effective solution for years of swimming enjoyment.

Protecting swimmers from waterborne illnesses and irritation

Swimming pool water that is not properly disinfected can harbor dangerous bacteria, viruses, and other harmful pathogens. This poses a serious health risk for swimmers, leading to potential issues such as infections and respiratory problems.

According to the World Health Organization (WHO), poorly maintained swimming pools are a leading cause of recreational waterborne illnesses. In addition, traditional chemical water treatments (with its byproducts such as chloramines) lead to eye and skin irritation, and the persistent chlorine odor that detracts from a pool's appeal.

These factors make water quality a critical priority for pool operators and customers.

**Discover the journey to transform
your swimming pool**



EXCELLENCE FOR EVERY SWIMMING POOL!

SUMMER
DISCOUNT!
FROM **€1690,-**



**Medium Pressure
400 W UV-C**

Advised max. flow: 13 m³/h

**Medium Pressure
600 W UV-C**

Advised max. flow: 19 m³/h

**Medium Pressure
1000 W UV-C**

Advised max. flow: 41 m³/h

**Medium Pressure
1500 W UV-C**

Advised max. flow: 107 m³/h

- Suitable for all chlorinated pools
- Compact chamber design for space-saving installation
- Easy to install and integrate into new and existing systems
- Powerful chloramine reduction for healthy and clear water
- Single-ended lamp for quick and simple replacement
- Long lamp life minimizes replacement frequency



**Compact
400 & 600 W**



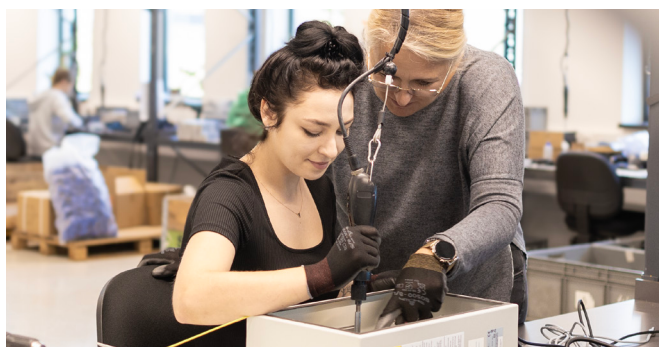
**Compact
1000 & 1500 W**



VGE your partner in UV solutions

VGE B.V. is the specialist in UV-C disinfection technology. With an international perspective, we closely follow the latest developments and technologies to contribute to a sustainable and future-oriented water industry. Driven by a passion for technology and extensive knowledge of UV-C, we develop innovative systems for swimming pools (Blue Lagoon), ponds (Xclear), and the professional market (VGE Pro).

Water and UV-C technology are at the heart of VGE. Since 1982, we have been developing and manufacturing UV-C technology for water disinfection. Over 40 years of experience and an unparalleled passion for our products, we have grown into an international market leader with a global impact. From our modern headquarters in Schijndel, we export to more than 80 countries and provide customized solutions.



Our facility is more than just a workplace, it reflects our core values of sustainability and innovation. With the construction of our new building in 2021, we made conscious choices, including the installation of 365 solar panels, making our building almost completely energy neutral. Additionally, our building operates entirely without natural gas, eliminating the need for fossil fuels.

It stands as tangible proof that technology and sustainability can go hand in hand, directly contributing to a greener future.



Water is always in motion, and so is VGE. From optimizing existing products to developing entirely new systems, quality, reliability, and innovation form the foundation of everything we do. Our product developers ensure that our technology meets the highest market standards and complies with all applicable safety regulations. With our experience, global customer base, and future-focused vision, we work every day on the next step forward.

"Let's get together. So we can help make your water safe!"

Bas Tips

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