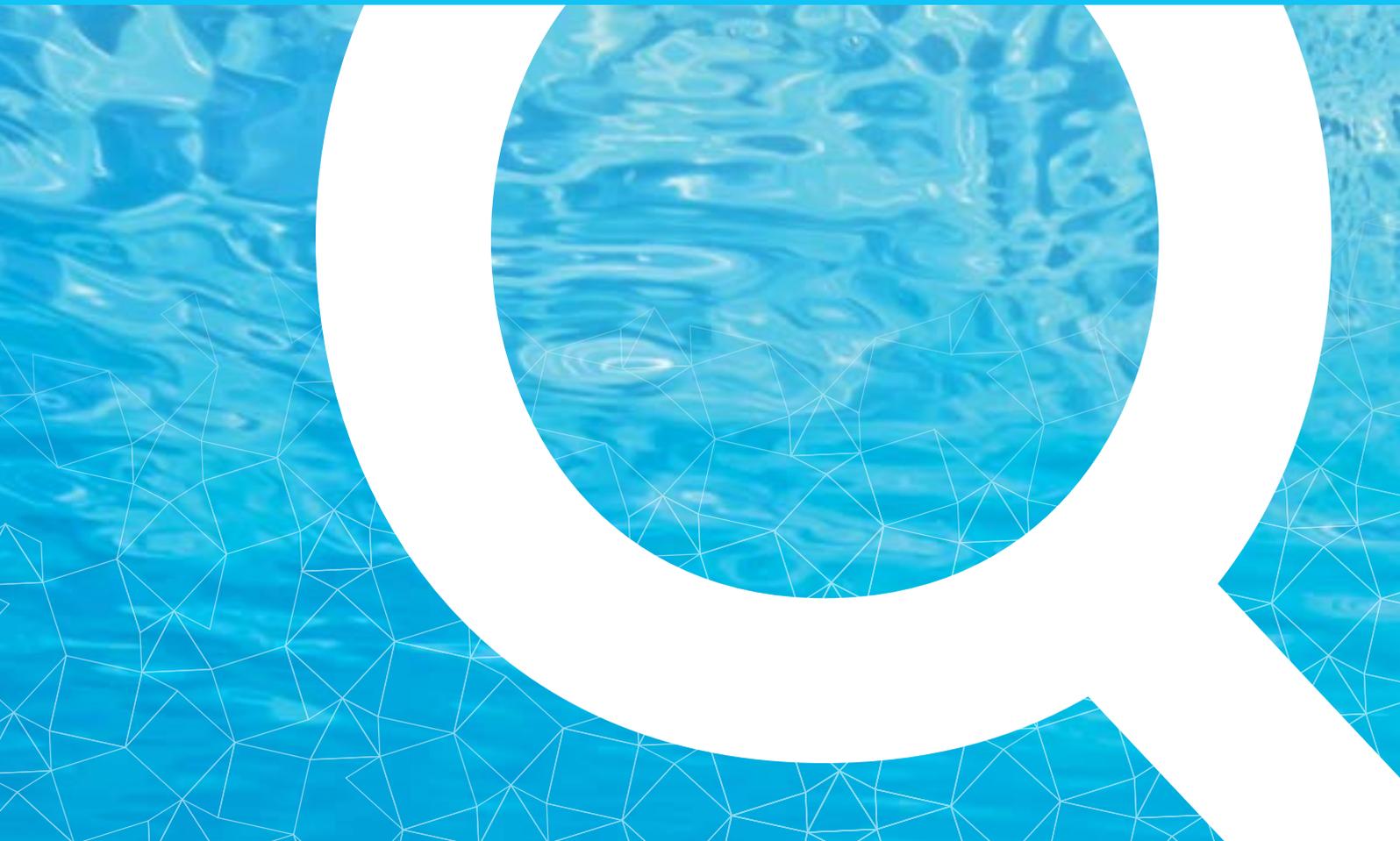




**PURIQ**  
*Smart UV-C Solutions*

**UV-C WATER PURIFIER**





PURIQ

## CRYSTAL CLEAR WATER WITH UV-C LIGHT

The water in every swimming pool should be clean, clear and free of bacteria, viruses, algae and moulds, because you want to swim safely in clear water. Yet this is often difficult to achieve in an efficient and, above all, environmentally friendly way. The use of chemical products such as chlorine is an obvious choice, but is not the healthiest solution. Purifying the water in your pool or garden pond using UV-C light is. Powerful UV-C light of the proper wavelength kills virtually all bacteria, viruses, algae and moulds, optimally purifying the water. With the PURIQ Bright Series you can achieve this too!

### ADVANTAGES OF WATER TREATMENT WITH UV-C

- Direct effect
- Also works on bacteria that are resistant to chemicals (including Legionella)
- 100% safe
- Environmentally friendly
- Low operating costs
- Reduces chemical use by up to 80%



## PURIQ BRIGHT SERIES UV-C WATER PURIFIER: CRYSTAL CLEAR

With the PURIQ Bright Series UV-C water purifier you are assured of crystal clear water. Utilizing the latest technology, the lamp emits very powerful UV-C light with a wavelength of exactly 253.7 nm that kills practically all bacteria, viruses, algae and moulds. This results in optimal purification, so the use of chlorine and other chemicals can be reduced by up to 80%! The PURIQ UV-C system, with its 100% eco-friendly operation, provides more natural, healthier water.

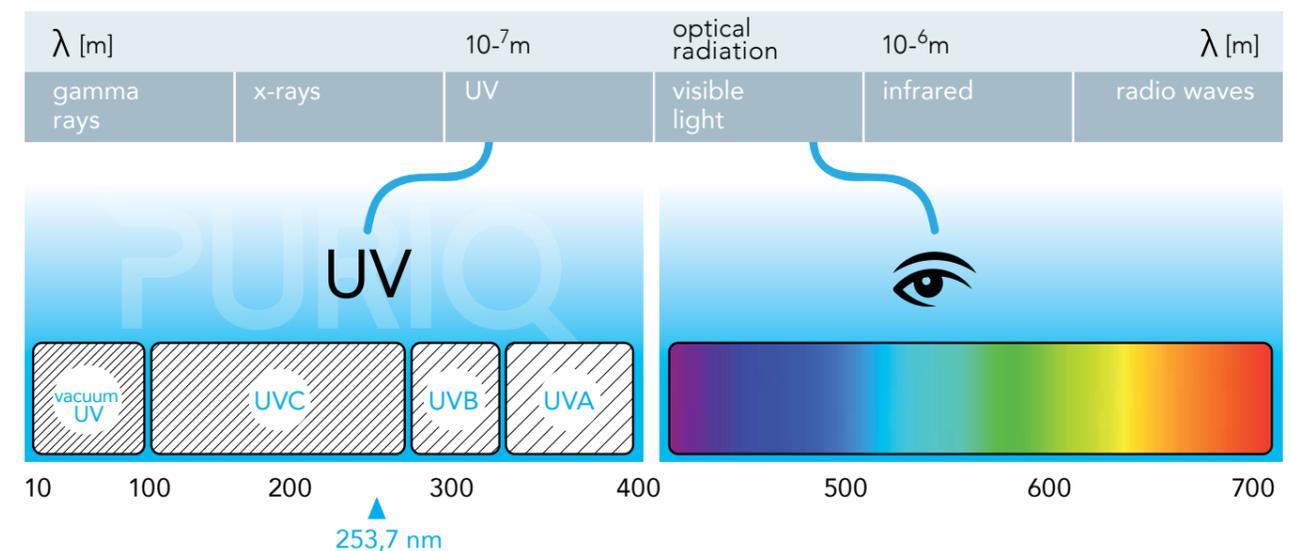
**-80%**  
↓  
REDUCTION  
CHLORINE&CHEMICALS

## THE BENEFITS OF THE PURIQ BRIGHT SERIES

- ✓ Reduces amount of chlorine/chemicals needed by up to 80%
- ✓ High UV-C output from lamps based on the latest technology
- ✓ Extended life UV-C lamp: 12,000 hours
- ✓ Energy-efficient, 100% environmentally friendly operation
- ✓ Extra-large housing for longer exposure time
- ✓ 35% more UV-C output through reflection
- ✓ Very simple installation
- ✓ 3-year warranty against manufacturing defects
- ✓ Dutch product

## HOW DOES UV-C DISINFECTION WORK?

UV-C is invisible electromagnetic radiation that ranges in wavelength from 100 to 280 nanometres. These wavelengths fall just outside of the part of the spectrum visible to the human eye. The disinfecting qualities of UV-C light are based on the damage it causes to the DNA of micro-organisms. Good disinfection lamps produce UV-C light with a wavelength of 253.7 nanometres. The DNA absorbs the UV-C rays, and the resulting photochemical reaction breaks down the DNA code. As a result, the micro-organism is made harmless and can no longer multiply.

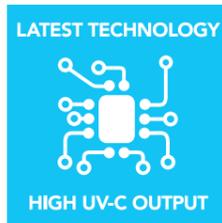


## VERY LONG LIFE

The heart of the PURIQ Bright Series consists of the powerful UV-C lamp, which has an extra-long life of 12,000 hours. The extra wide SAE 316L stainless steel housing extends the time the water is exposed to the strong UV-C radiation while also minimizing the pressure drop as the water passes through. The intelligent electronics of the PURIQ UV-C water purifier let you know well ahead of time when the lamp has degraded to the point that it will soon no longer produce enough radiation and the time has come to replace it, so you always have a perfectly working device you can rely on!

## 35% MORE UV-C OUTPUT

Thanks to the polished interior, there is virtually no adhesion of contaminants to the walls, which boosts the effectiveness of the UV-C radiation by a further 35%.



## SUITABLE FOR SWIMMING POOL AND POND

Whether you have a swimming pool or pond, this quality Dutch product is the perfect solution. The PURIQ Bright Series water purifier is suitable for any new or existing pool and you can even install multiple units/devices modular. So you have a custom-made solution for any size.

After all, you too deserve water of the purest quality in your pool or pond. With the PURIQ Bright Series UV-C water purifier, you are assured of crystal clear water in your swimming pool or pond and cloudy water and algae belongs to the past.



## SIMPLE INSTALLATION

The PURIQ Bright Series is very easy to install. For minimal resistance/pressure loss the water purifier has 63 mm inlet and outlet connections, and the flexible mounting brackets allow 360 degree rotation. The PURIQ Bright Series can be easily connected to a new or existing filter or pump system and comes with a precisely matched transformer, long-life UV-C lamp and mounting brackets.



## EASY MAINTENANCE

The unit requires maintenance at least once every six months, which involves cleaning scale and algae from the housing. The UV-C lamp itself, however, only requires replacement after 12,000 hours, which you can also do easily and safely yourself. The intelligent electronics of the PURIQ UV-C water filter control a clear indicator light that provides timely notification when the lamp will soon no longer produce enough radiation and is in need of replacement.



## ALL THE INS AND OUTS

The PURIQ Bright Series UV-C water purifier is available in 3 versions: Bright 40, Bright 80 and Bright 120 amalgam. The recommendation is 1 watt per m<sup>3</sup>. For your convenience, a summary of all the specifications is provided at the bottom right.



*Extra-large housing for longer exposure time*

*Extra-long life UV-C lamp*

*100% environmentally friendly operation*

*Very simple installation*

*High UV-C output from lamps based on the latest technology*

*35% more UV-C output through reflection*

### A VDL PRODUCT

VDL Groep is the name behind PURIQ. VDL Groep is an international industrial company focused on the development, production and sale of semi-finished products, buses & coaches and other finished products, and assembly of passenger cars. It is a conglomerate of flexible, independent companies, each with its own speciality.



## TECHNICAL SPECIFICATIONS

	<b>Bright 40</b>	<b>Bright 80</b>	<b>Bright 120</b>
Maximum swimming pool volume	40.000 L	80.000 L	120.000 L
Lamp wattage	41 watt	80 watt	125 watt
Lamp life	12.000 hours	12.000 hours	12.000 hours
UV-C output	16 watt	27 watt	42 watt
Recommended flow rate	12.000 L/h	18.000 L/h	22.000 L/h
Maximum pressure	3 Bar	3 Bar	3 Bar
Supplied connection	63 mm	63 mm	63 mm
Unit length	950 mm	950 mm	950 mm
Unit diameter ø	89 mm	89 mm	89 mm

We recommend 1W per m<sup>3</sup>

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