



## Water disinfection

## ND Water 21000 HHC

### Areas:

- Drinking water quality for humans and animals
- Specially designed for keeping the water quality high

To use in:	
• Process water in production	• Ships
• Water supply in labs	• Trains
• Water supply in food production	• Animal drinking water systems
• Breweries water supply	• Mobile water tanks
• Household taps	• Throughs etc.

At a transmission of 90% per cm<sup>2</sup> this unit will disinfect up to 14.000/21.000 l water/hour with a dosage of 300 J/m<sup>2</sup>

### Description:

The unit is made in stainless steel 316 with an internal quartz tube with the UV bulb inside. This allows for changing of the bulb with water in the system.

All maintenance can be made without the use of tools. The configuration is very compact and will fit in most places.

The water passes through the reactor and thus receives a dosage of UVC, which will inactivate the bacteria.

Connection with clamps and a hygienic design.

To be mounted horizontally or vertically.



### UV-lamp:

The UV-lamps are known for long lifetime, high grade of disinfection and a low energy consumption. The configuration allows for easy maintenance and change of bulb. These lamps are designed for a lifetime of 8.000 hours.

**Technical data:**

Type & make	ND Water 21000 HHC		
Flow	14/21 m <sup>3</sup> /h water		
UVC-Transmission	90% T <sub>1</sub> cm	Lifetime on bulb	8.000 h
Water temp	8°C to 40°C/2°C to 90°C	Dosage	300 J/m <sup>2</sup>
Housing	Stainless steel 316	Maximum temperature	40°C/90°C
Connection outside	R 2"	Max pressure	10 bar
Protection	FPM	House protection	IP 65/67
Dimensions (L x Ø in mm)	896 x 85	Elec. connection	230 V/50 Hz
Flange distance	850 mm	Effect	90/106 W & 10 A
Weight	4 kg		

