



Water disinfection

ND Water Multi Size

Areas for use:

- Customized unit to the individual application
- Special designed for application with high flow rate or very low transmission

To be used at:	
• Cooling water	• Swimming pools
• Fish ponds	• Production
• Cooling lubricant	• Drinking water

Unit description:

The unit stands out for its compact construction design and is manufactured in accordance with currently valid laws, standards and rules.

The unit for disinfection of liquids are customized to the individual application. In particular the pipe work on pre-assembly has to be determined individually.

Pre assembly is carried out in a rack made from grooved aluminium. It is possible to deliver a construction kit for self-installation.



The UV-Lamps:

The UV-lamps are known for long durability, high grade of disinfection and low energy consumption. The configuration of the unit allows for easy access to changing of the bulb and other maintenance.

Technical data:

Type & mark	ND Water Multi Size		
Flow rate	12 – 40 m ³ /h drinking water up to 168 m ³ /h water for domestic use		
UVC-transmission	90%T ₁ cm (other liquids on request)	Max working pressure	10 bar
Housing, length	600 mm	Numbers of lamps	Up to 8
Housing, width	400 mm	Configuration rack	Grooved aluminium
Housing, height	1.200 mm	Electrical connection	Electric Control Cabinet 1: <ul style="list-style-type: none">• 3~/N/PE 50 Hz 400/230V• L/N/PE 50 Hz 230V
Weight	Minimum 65 kg.	Effect & fuse	Up to 8 x 106 W and 3 x 6A

Selected options for configuration:

- Configuration as ND Water H or ND Water Pro
- Series connection of the UV-reactors
- Parallel connection of the UV-reactors
- Operating time counter (OTC2)
- Operating Power Detection (OPD2)
- Pipe work made from PVC
- Pipe work made from stainless steel
- Main alert for controlling (visual error amount signalling on the cabinet door, in addition to the potential free contact D1-D2)

Accessories:

- Timer that count the operation hours of the lamp, in order to secure correct bulb change.
- Operating Power Detection to monitoring of one UV-reactor
- The potential free contact D1-D2 (error amount signalling) enables easy integration into existing remote monitoring systems
- Cleaning set for cleaning quartz glass. Special cloth and cleaning liquid.

Other products:

Units for other use: Surface disinfection, water, air disinfection active and passive, Cleanboxes and Tunnels.

Warning:

UV radiation is dangerous for your skin and eyes! Both your eyes and skin must be appropriately protected from the direct UV light.

The user will be responsible for his own safety, as well as for the safety of people who are staying in areas where these units are being used. Please bear in mind that materials which are not UVC-resistant may be damaged.