

UVC Disinfection

ND Water Multi size is an easily implementable UV system used for Water disinfection in the fight against unwanted microorganisms in domestic water/circulation systems. ND Water Multi size can inactivate up to 99,99% of bacteria, fungi and viruses in the illuminated area.

ND Water Multi size:

- Flexible solution
- Easy to implement
- Proven technology with high UVC performance
- High efficiency with up to 99,99% inactivation
- Compact solution designed for high-status environments.



Used in:

- Cooling water
- Fish Farming
- Cooling lubricant
- Swimming pool
- Food production
- Pharmaceutical production
- Agriculture



Read more about
UVC here

Technical information:

The UV unit designed for water disinfection is mounted directly on the waterline, either vertically or horizontally. ND Water Multi size consist of several units connected on a manifold.

The system is made of stainless steel with an inner quartz glass where the bulb is mounted. This allows the bulb to be replaced without turning off the water.

All maintenance can be done without the use of tools. Connected with clamps and made in a hygienic design.

At a UVC dose of 10 mJ/cm², under normal circumstance, a reduction of E-coli, etc. of up to 99% or more will be achieved.

At 30 mJ/cm², a very high reduction of 99,99% of the common pathogens in water will be achieved with UVT down to 90%

Specifications	
Specifications may vary based on individual configurations	
Product name	ND Water Multi size
Lifetime on bulb	Up to 10.000 hours or 3000 On/Off or 2 years from delivery
Number of UVC-lamps per unit	After configuration
UVC dose*	After configuration
Length × Height × Width	Depending on solution
Operating temperature	2-90°C
Recommend flow	>4.000
IP	65
Electric info	230V
Plumbing connection	After configuration
Weight	Depending on solution
Material	Stainless steel 316 (Food contact material approved)
Protection against glass shattering	Optional coating of Food contact material approved FEP

*UVC dose is measured at a distance of 100cm accordance with the norm and with the use of an approved ballast.