



Water disinfection

ND Water Compact system active

Areas for use:

- Immediate supply of drinking water even in exposed areas with an integrated pump

To be used at:	
<ul style="list-style-type: none">• Camping and caravan	<ul style="list-style-type: none">• Expedition
<ul style="list-style-type: none">• Mobile water supply	<ul style="list-style-type: none">• Disaster area

Unit description:

The pre-assembled Compact System active allows for the immediate supply of drinking water and consists of a UV plant, filters and a pump. The UV-unit is equipped with an Operating Time Counter (OTC) and furthermore three filters can be equipped with filter cartridges. The delivery rate of the pump is adjusted to the disinfection power of the UV unit (400 l/h).

The pump works pressure controlled. To ensure disinfection the pump is released approx. 30 seconds after switching on the UV unit.

The power supply can be carried out with 12 V DC or 24 V DC. The compact construction design enables an easy replacement of the UV lamp and filter cartridges.

Due to the compact design this system is suitable for mobile applications like camping & caravan.



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 Compact System active		
Flow rate	400 l/h drinking water		
UV unit	ND water 500	Temperature of water	2°C to 40°C
UVC-transmission	90% T ₁ cm	Max working pressure	10 bar
Housing, length	480 mm	Numbers of filters	2
Housing, width	300 mm	Protective system	IP 65
Housing, height	420 mm	Electrical connection	12/24 V DC
Weight	11 kg.	Effect & fuse	1 x 10 W (UV) 1 x 48 W (pump) 8 A

Accessories:

- Timer that count the operation hours of the lamp, in order to secure correct bulb change.
- 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.