

WDS

12-1040

Water disinfection

The WDS series is used to reliably disinfect private drinking water and process water, pond, fish farming or bathing water.



Single emitter systems
12S-40S

The WDS series is used to reliably disinfect private drinking water and process water, pond and fish farming or bathing water. The UV-C light reliably removes unwanted microorganisms, while guaranteeing that the water retains all of its valuable minerals.

Function Purely physical disinfection – the disinfection process is odor neutral, fault-free and produces no residue, since it runs on a purely physical basis and requires no chemicals

Equipment High-quality quartz protective tube; electropolished AISI316 stainless steel housing;

LED indicator lights for functional monitoring; operating hours counter; ballast and control electronics in the switch cabinet

Assembly/maintenance Easy to understand assembly instructions; simple installation thanks to compact design; can be integrated into existing pressure lines; easy maintenance without additional maintenance costs; water does not need to be turned off

Option Temperature compensation – solenoid valve and thermostat switch

Applications

Drinking water supply for private use | Clean and ultra-pure water disinfection | Cold and hot water systems | Hot water / in-house swimming and whirlpools | Process water | Pharmaceutical and chemical industry



Multiple emitter systems
80S-1040S

Technical data

TYPE	12S	30S	40S	80S	120S	160S	240S	320S	520S	780S	1040S	UNIT
Material	AISI304				AISI 316 stainless steel							
Drinking water flow rate 400J/m ² T98%	0.2	1.2	2.4	4.6	7	9	15	20	33	50	65	m ³ /h
Number of emitters	1	1	1	2	3	4	6	8	8	12	16	pieces
Emitter service life	9000											h
Connection	1/4	3/4	1	1 1/2	2	2	3	3	3	4	4	inch
Power	12	30	40	80	120	160	240	320	520	780	1040	Watt
Voltage	230 V ± 10% (50 – 60 Hz)											Volt
Working pressure	5 – 10											bar
Working temperature	2 – 45											°C
Dimensions	H 265 D 60	H 510 D 60	H 920 D 60	H 920 D 135	H 920 D 135	H 940 D 200	H 940 D 255	H 940 D 255	H 940 D 308	H 940 D 325	H 940 D 300	mm
Switch cabinet dimensions	W 90 H 180 D 80	W 254 H 180 D 111	W 254 H 180 D 111	W 361 H 254 D 111	W 361 H 320 D 111	W 361 H 320 D 111	W 361 H 320 D 111	W 380 H 380 D 210	W 500 H 500 D 210	W 800 H 600 D 250	W 600 H 1000 D 250	mm
Weight	1.25	3.5	5	12	13	13	13	32.5	33	45	52	kg