

# DISINFECTION SYSTEMS WITH UV RADIATION

## UV CB SERIES



Water Disinfection without Chemicals!



UV CB 63



**UV CB** series consists of water **disinfection** devices without using heat or hazardous chemicals. Any micro-organism, bacteria and virus contained in the untreated water are removed. A lamp or a combination of lamps, European originated, with lifespan of 16.000 hours (2 years) is used. The lamps use ultra-violet radiation to remove taste and odor from water quickly, without causing any toxic damage, as it instantly kills all the microorganisms without affecting the physico-chemical properties of the water. The use of ultraviolet (UV) radiation is a safe, simple and inexpensive way of disinfecting water in hospitals, hotels, cafes, food industries, pharmaceuticals etc., and interacts 500 times faster than chlorine without leaving any residue. The shell is made of stainless steel 304 and contains inputs for one, two, four or eight lamps.

All parts of the device are **non-toxic**, suitable for **potable** water and long-term use. The **UV CB** disinfectors are connected with the network in series, just before the using spot (never at the start of a network).



UV CB 126

**CRYSTAL BLUE**  
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### Applications:

- ◆ Disinfection drinking water and network
- ◆ Laboratories
- ◆ Hotels
- ◆ Cafes
- ◆ Hospitals
- ◆ Food, pharmaceutical industries etc.

### Specifications:

- ◆ **Shell:** Stainless steel, AISI 304
- ◆ **Lamp:** Ultraviolet Radiation
- ◆ **Lamp Life Span:** 16.000 h
- ◆ **Operating Pressure:** max 8 bar
- ◆ **Water Temperature:** 1-36 °C.
- ◆ **Ambient Temperature:** 4-45 °C.
- ◆ **Operating flow:** 0,5 — 10,5 m<sup>3</sup>/h
- ◆ **Voltage:** 230 AC to 12AC  
EU plug transformer.

M <sub>odel</sub>	L <sub>amps</sub>	P <sub>ower</sub> supply	F <sub>low</sub> (operation)	L <sub>ength</sub>	H <sub>eight</sub>	C <sub>onnections</sub>	
						Inlet	Outlet
Units	-	W	m <sup>3</sup> /h	cm	cm	in	in
UV CB63	1×63 W	63	1,8	63	9	1"	1"
UV CB126	2×63 W	126	4,5	63	20	1,5"	1,5"
UV CB252	4×63 W	252	9,1	63	30	2"	2"
UV CB504	8×63 W	504	21	63	?!!	3"	3"

### Characteristics:

- ✓ Full security! (12V)
- ✓ Easy and fast installation.
- ✓ Safe disinfection without chemical costs.
- ✓ Compact size with high quality.

### Included:

- \* Technical manual
- \* Power supply 220 / 12V 3W
- \* Inlet, outlet, drain connections.

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