

## ABOX<sup>®</sup> WAS COMPACT TYPE UV-DISINFECTION UNIT

- Compact unit for filtration and disinfection. Ideal for supplying small properties.
- Prefiltration by activated carbon for removal of chlorine, odour, chemicals and organic matter. Wound filter cartridge for removal of sand or rust particles.
- Disinfection by UV-light without adding chemicals.
- No by-products that may endanger health are generated such as when using chlorine products.
- Micro-organisms are inactivated within seconds.
- Ready for use. Easy handling and maintenance.
- Low energy consumption.



Save disinfection by UV light requires that the treated water has a good UV transparency and is free of particles and turbidity. This is achieved by prefiltration. The compact type unit ABOX<sup>®</sup>WAS combines the prefiltration and the UV disinfection in a common device. The compact and space saving design is making it ideal for using on boats, in holiday houses or shelters or for mobile applications.

Type	Max. Flow	Ports	Dimensions mm	Filter Cartridges	UV Disinfection	Voltage	Rated Power
ABOX <sup>®</sup> WAS 500	0,5 m <sup>3</sup> /h <sup>1)</sup>	R ½"	500x450x150	2 x 10"	ABOX <sup>®</sup> S11	230 V, 50 Hz 24 V DC	15 W 11 W
ABOX <sup>®</sup> WAS 1000	1,2 m <sup>3</sup> /h <sup>1)</sup>	R ¾"	700x500x120	2 x 20"	ABOX <sup>®</sup> S16	230 V, 50 Hz 24 V DC	22 W 16 W

<sup>1)</sup> at T<sub>1cm</sub> 85 %, 380 J/m<sup>2</sup>

Water temperature: 2 °C – 35 °C (optimum), max. 40 °C  
 Working pressure: max. 8 bar  
 Pressure loss: 0,1 bar  
 Prefiltration: Filter 1: Activated carbon filter cartridge, Filter 2: Wound filter cartridge 5 µm (other retention rates on request)  
 UV lamp: UV-HG type  
 UV lamp life time: 8000 hours  
 Materials: Dual filter made of polypropylene  
 UV reactor of stainless steel 1.4571, electrolytic polished  
 Seal of FPM  
 Control cubicle of thermoplastics PS

### Accessories on request:

- Flow limiter for WAS 500: ½", max. 8 l/min, tolerance ± 1,2 l/min
- Flow limiter for WAS 1000: ½", either max.16 or 20 l/min, tolerance ± 1,2 l/min
- Solenoid valve for WAS 500 and WAS 1000: ½", 230 V AC, 0-16 bar
- Time lag device for WAS 500 and WAS 1000 for delayed energizing the solenoid valve. Either 0,75-15 s, 3 s - 1 min, 30 s - 8 min or 3 min – 1 h

