

# WATERSPRINT™ SOLO NAUTIC II

## WATER PURIFICATION SYSTEM

**Activated Carbon Pre-filtration and UVC LED Disinfection System for microbially safe water without chemicals. All-in-one solution for freshwater treatment. Designed for under-the-sink installation.**

### Enjoy Purified Water at Sea

Our cutting-edge UVC LED technology ensures effective water disinfection by inactivating harmful microorganisms such as bacteria and viruses, all without the use of toxic chemicals. The powerful activated carbon filter further enhances water quality by reducing chlorine, taste, and odors (CTO) as well as volatile organic compounds (VOC).

#### Robust, Reliable, and Compact Design

Engineered with a solid understanding of harsh marine conditions, our system ensures durability even in rough seas by eliminating fragile glass tubes and delicate lamp glass.

#### Efficient Illumination and Instant Start

Our UVC LEDs offer instant illumination without any warm-up time, granting you greater control and flexibility. The flow sensor enables automatic activation, providing immediate water treatment.

#### Low Power Consumption

Enjoy effective water treatment without excessive energy use as the system only uses power when in active mode and water is being purified.

#### Mercury-Free UVC LEDs

Our UVC LEDs are safer to handle and dispose of compared to conventional UV lamps.

#### Long Lifespan and Easy Maintenance

Fewer replacements and lower maintenance costs due to longer LED lifespan.

#### Easy Integration or Retrofit

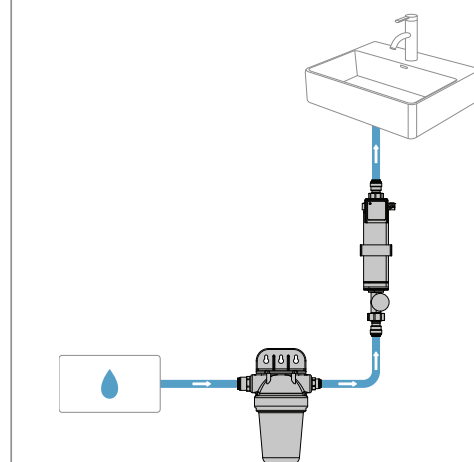
Seamlessly integrate our system with your existing setup.



Watersprint™ Solo Nautic II is designed with space-saving in mind. Our compact and reliable water purification system is easily integrated in tight spaces on vessels and boats, ensuring efficient water treatment without compromising on available space.



## TYPICAL INSTALLATION



## WATERSPRINT™ SOLO NAUTIC II

Article Number: WS-40-3140

SPECIFICATIONS	UVC LED UNIT	ACTIVATED CARBON FILTER
<b>Calculated performance</b>		
16 mJ/cm <sup>2</sup> @ 98% UVT	10 l/min	N/A
30 mJ/cm <sup>2</sup> @ 98% UVT	5 l/min	N/A
<b>Electrical characteristics</b>		
Input voltage	12 VDC	N/A
Input current	2 A	N/A
<b>Water temperature</b>	1-45 °C	4-45 °C
<b>Water pressure</b>	10 bar 145 psi	Min.: 0,5 bar 7,25 psi Max.: 8,6 bar 125 psi
<b>Weight</b>	0,5 kg	0,7 kg
<b>Dimensions</b>	248 x 80 mm	185 x 107 mm
<b>Ingress protection</b>	IP21	N/A
<b>Regulatory</b>	RoHS REACH WRAS CE (EMC/LVD) NSF/ANSI/CAN 372	UPC D.M. 25/2012 ACS

Content: Solo UVC LED Unit incl. cable, flow sensor incl. cable, controller, 2 pcs brackets, 2 pcs hose clamps, 2 pcs 13 mm hose connectors, 2 pcs 15 mm quick-connectors, activated carbon filter cartridge, filter housing, connection hose (between activated carbon filter and Solo UVC LED Unit), connector, 2 pcs 12 mm quick-connectors, filter key, 4 screws for filter bracket and power cable.



**This product is designed and produced in Sweden, with high quality, versatility, compact design and cost efficiency in mind.**

Watersprint™ Solo Nautic II is ready for integration under the sink to provide drinkable, fresh-tasting water straight from the faucet on your boat to keep you hydrated on long summer days.

Watersprint™ Solo Nautic II consists of a granular activated carbon filter for pre-filtration and a UVC LED unit where flowing water is exposed to UVC light, which disinfects the water from microbes.

Our products utilize a combination of design, materials, mechanics and fluid dynamics to optimize the use of UVC light and thereby achieve maximum disinfection performance. Thanks to the external flow sensor and the control unit, the UVC LEDs will turn on automatically when water flow is detected. Unlike other sources of UV light, the UVC LEDs immediately provide full output, meaning the water will be disinfected from the moment it starts to flow. The pre-filtration through activated carbon reduces bad tastes and odors. There is an indicator LED on the control unit that shows when the system is on and when disinfection is active. It also indicates if an error occurs in the UVC LED unit.

This is an advanced water purification product for increased drinking water safety. The disinfection is based on UVC light, using the latest UVC LED technology. The product is CE-marked, and materials in contact with water are approved for potable water as per EU requirements.

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