



Purify Solo 10

Article no: WS-10-1201-20

Purify Solo 20

Article no: WS-10-1202-20

PRODUCT DESCRIPTION

Purify Solo is designed with high quality, versatility, small footprint and cost efficiency in mind.

The target applications include integration in water dispensers, industrial and life-science applications.

It is also suitable as a stand-alone product in e.g. marine, RV applications and residential taps and faucets, preferably in combination with a filter.

AREAS OF USE (examples)

Residential	Taps & faucets, Showers, Private well
Commercial	Water dispensers, Misting systems, Ice makers
Transportation	Marine, RV, Rail
Healthcare	Dental water, Dialysis water, Medical devices
Remote/Mobile	Emergency response, Aid, Defence

FEATURES

Functionality

- Dose delivery*:
 - Solo 10 – 10 mj/cm² @3,8 lpm*/
 - Eliminates up to 99,9999% of harmful microorganisms
 - Solo 20 – 10 mj/cm² @6,7 lpm*/
 - Eliminates up to 99,9999% of harmful microorganisms
- *Independent laboratory bioassay using T1 phage at @98% UVT
- LED life span ≤5 000 h active time
- Flow rate max 8 lpm
- No maintenance

Environment

- Water temperature 0-45 °C while active (high water temperature may reduce life span)
- Air temperature 0-45 °C
- Working pressure 7 bar
- Peak pressure 21 bar
- IP67 classification

Electrical

- Connection with 4-core fixed cable
- 12-24 VDC regulated input power
- Optional external status signal

Regulatory

- CE certified
- Material in contact with water complies with the EU Drinking Water Directive 98/83/EC
- Complies with IEC 62368-1 (fire regulations for low voltage electronics)
- Installation description according to Industry Rules Safe Water Installation 2021:1 by Safe Water, the Swedish association for authorized plumbing companies
- Accredited third-party validation

SYSTEM DESCRIPTION

Our patented system consists of a reactor where a water flow is exposed to UV-C light. We offer three product lines, Mini, Flex and Solo, with a combination of architecture, materials, mechanics, fluid dynamics and intelligent software optimizing the UV-C light to achieve maximum disinfection performance.

DIMENSIONS

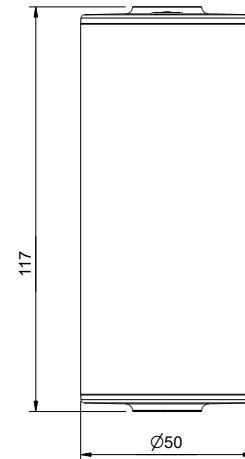
The Solo is constructed for installation as close to point of use as possible in order to minimize risk of contamination from pipes inside/outside the premises. Easy installation means lower installation costs. And ease of service, if needed.

Weight (g)	255
Installation length (mm)	117
Diameter (mm)	50

Packaging

Products are delivered with bracket, fittings and connectors.

Box quantity	1
Boxed size LxWxH (mm)	tbd
Boxed weight (kg)	tbd



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