



Purify Mini 6

Article no: WS-10-1106

Purify Mini 16

Article no: WS-10-1116

PRODUCT DESCRIPTION

Purify Mini is a low flow disinfection product line, targeted to be integrated in e.g., drinking water products or as an addition to a filter. Thanks to its compact design, it can be fitted almost everywhere (Point of Use).

Purify Mini is openable so that parts in contact with water can be replaced when needed, this extends product lifetime and is a natural step to more sustainable products. Parts in contact with water are subject to scaling and fouling, which is why at some point they need to be replaced to ensure optimal performance.

A status signal will let you know when it's time to change the optical system. Maintenance kit can be purchased separately.

Purify Mini supports an optional integrated water flow sensor, but can also be activated via an external signal.

Purify Mini can collect a set of data e.g., hours of use, time active, and communicate this via an interface to your device/system.

Purify Mini can be specified with several types of fittings.

AREAS OF USE (examples)

Residential	Taps & faucets, Showers, Private well/PoE
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

- Disinfection rate:
 - Mini 6 99% @ 3 lpm
 - Eliminates up to 99,9999% of harmful microorganisms
 - Mini 16 99% @9 lpm
 - Eliminates up to 99,9999% of harmful microorganisms
- Life span <15 000 h active time
- Flow rate 0,5-3 l/min with integrated flow sensor resp 0-9 l/min without
- Low maintenance, replaceable optics to handle degradation due to fouling, status LED will indicate when it is time to change
- Data logging option
- Periodical disinfection of inactive unit

Environment

- Water temperature 9-50 °C while active (high water temperature may reduce life span)
- Air temperature 1-40 °C
- Working pressure 8 bar
- Peak pressure 25 bar
- IP X3 classification (for PoU where humidity is high)

Electrical

- 24 VDC regulated input power
- Optional external on/off signal
- Optional integrated flow sensor
- Status indication powered on/disinfecting/problems/not working
- Wall plug type C included as standard.

Regulatory

- CE certified
- Material in contact with water comply with Swedish regulations (EU Drinking Water Directive)
- Installation description according to Säker Vatten regulations
- Complies with IEC 62368-1 (fire regulations for low voltage electronics)

DIMENSIONS

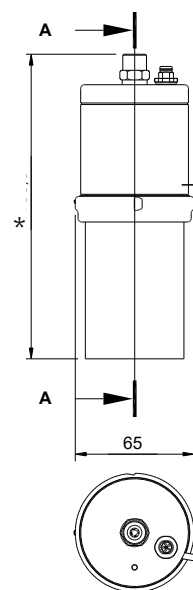
The Purify Mini 6 and 16 are constructed for installation as close to point of use as possible in order to minimize risk of contamination from pipes inside/ outside the premises. Easy installation means lower installation costs. And ease of service, if needed.

Weight (g)	930 (6) / 1 310 (16)
Installation length (mm)*	166,8 (6) / 266,8 (16)
Diameter (mm)	65

Packaging

Products are delivered with bracket, fittings and connectors.

Box quantity	1
Boxed size LxWxH (mm)	290X120X120
Boxed weight (g)	1 100 (6) / 1 500 (16)



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