



MEMBRALOOP

Flexible Ultra Waterfilter
Membraloop®

Clean water - it can be so easy!

- » **WHO Classification:
highly protective**
- » **Sustainable**
- » **Flexible**

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FEATURES

Membraloop® is a flexible installable water filter for drinking water treatment without electrical energy and without the use of chemicals, through the use of ultrafiltration membranes



Sailing / motor yachts

For fixed installation behind the water tank and the water pump!



Motorhomes

For refueling from the outside or for permanent installation!



Camping / On the road

For mobile drinking water production!

- No power supply required – only water pressure needed
- Low space requirement
- Easy assembly / disassembly due to commercially available threaded connectors
- Complete removal of non-dissolved solids, bacteria, viruses, worm eggs (membrane barrier).
- Filter does not wear out and can be easily cleaned again and again
- No regular filter replacement costs (up to 10 years lifetime)
- Low maintenance – cleaning intervals up to 1 year
- No additional chemicals necessary*

*Due to ultrafiltration, which removes germs to the greatest possible extent, no chemicals are required during regular operation. Annual cleaning with food safe fully biodegradable citric acid and, if necessary, subsequently with a highly diluted 1% sodium hypochlorite solution is recommended.

SPECIFICATIONS

The module consists of a highly flexible hose with integrated ultrafiltration membranes. For drinking water production, it only needs to be connected between the booster pump and consumers. Due to the flexibility of the hose, installation is possible even in narrow spaces. The water to be treated flows from the pump into the module by means of upstream pressure and is cleaned by the membrane fibers in the hose. Per module 15 l of drinking water can be obtained per minute (depending on pressure, temperature and raw water).



- » Treatment capacity up to 15 l/min (depending on pressure, temperature and raw water composition)
- » C-MEM™ membrane with an average pore diameter of around 0.020 micrometers (50x smaller than Legionella)
- » Flexible filter unit with bending radius < 100 mm
- » Unit leak test according to ASTM D 6908:2006; Standard Practice for Integrity Testing of Water Filtration Membrane Systems.
- » Membrane and materials used comply with European Regulation EU No. 10/2011 and No. 1935/2004 for use for drinking water
- » Designed and Made in Europe

Flow:	5 – 15 l/min
Pressure (Water):	1.0 – 5.0 bar
Max. pressure loss:	3.0 bar
Water temperature:	4 – 40°C
Solids content:	< 10 mg/l
Dissolved substances:	< 1,000 mg/L
Power supply:	Not needed
Storage conditions:	4 – 40°C, UV and weatherproof





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