



Pressure driven hollow fiber membrane ultrafiltration for water treatment

VERSION	Membraloop™	June 2023
PRODUCT DESCRIPTION	Membraloop is an innovative, universally applicable, pre-assembled and extremely flexible ultrafiltration unit for water and drinking water treatment. Membraloop contains the patented C-MEM™ membrane with an average pore diameter of around 0.020 micrometers. This removes particulate turbidity and bacteria up to 99.999%. It can be connected directly to tap water, wells, springs or other suitable raw water sources. Typical applications are yachts, mobile homes, mobile homes, holiday homes, tiny houses, disaster relief, etc.	
SPECIAL FEATURES	<ul style="list-style-type: none">• 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• Filter does not wear out and can be easily cleaned again and again• Sustainable - no regular filter replacement costs (up to 10 years lifetime)• Low maintenance – cleaning intervals up to 1 year• No power supply required – only pre pressure needed• Easy assembly / disassembly due to commercially available threaded connectors• Designed und Made in Europe	
TECHNICAL INFORMATION	Flow:	5 – 15 l/min
	Pressure (Water):	1.0 – 5.0 bar
	Water temperature:	4° – 40°C / 39° - 104°F
	Solids Content:	< 10 mg/l
	Dissolved substances:	< 1,000 mg/L
	Power Supply:	Not needed
	Storage conditions:	4 – 40°C, UV and weatherproof
PRODUKT DIMENSIONEN	Weight:	ca. 2 kg
	Dimensions (mm):	L x D: 1030 x 45 mm (Bending radius)
	Connections:	< 160 mm) ½" Inner thread (Raw water) ½" External thread (Clean water)

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Membraloop is a European cooperation product

Marketing / Development
HansaNoord V.O.F.
Vuurtoerenweg 16
8531 HJ Lemmer
The Netherlands
Tel.: +31 (0) 514 / 593196
E-mail: info@membraloop.eu

Produktion / Development
SFC Umwelttechnik GmbH
Julius-Welser-Str. 15
5020 Salzburg
Austria
Tel.: +43 (0) 662 / 43 49 02
E-mail: office@sfcu.at
SFC ist ein ISO 9001/2008 zertifiziertes Unternehmen.

Engineering / Development
Zepke Consulting
Raestrup 7
48291 Telgte
Germany
Tel.: +49 (0) 2504 / 9859281
E-mail: frank.zepke@membraloop.eu