

ULTRAFILTRATION




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Ultrafiltration

Ultra 1.6 - 3.2 - UltraMax



Technical Data

-  Model 1.6: 1,6 m³/t @ 25°C
Model 3.2: 3,2 m³/t @ 25°C
Model UltraMax: 12 m³/t @ 25°C
-  max 45°C
-  Inlet/outlet/drain: G ¾" .. Ultra 1.6-3.2
Inlet/outlet/drain: G ½" .. UltraMax

Ultrafiltration technology ensures a physical barrier to microbes and particles to achieve clean drinking water.

This technology implements the so-called "hollow fiber" as the basic work element. It is technically possible to produce fiber with pores down to 0.005 microns.

Ultrafiltration is used in the pretreatment of water from sources, seawater as well as water that has undergone biological treatment before RO systems and other membrane water purifiers (eg electro dialysis plants).

Model	ULTRA 1.6	ULTRA 3.2	ULTRAMAX
Total membrane area, m ²	10	20	80
Initial capacity 25°C, m ³ /t	1,6	3,2	12
Number of units	2	4	4
Port size (inlet/ outlet/ drain)	G ¾"	G ¾"	G ½"
Max. work-temperature, °C	45		45
Membrane material	PS		
Material of membrane unit housing and pipeline	PVC		
Membrane pore size, micron	< 0,01		
Power supply, VAC, VDC	230; 12		220, 12
Power consumption, Wt	6		
Dimensions (LxBxH)	1300 x 430 x 410	1300 x 430 x 410	1270 x 720 x 250
Weight, kg	12	31	250

Application

- Pre-filtration before desalination unit.
- Ultrafiltration system can replace coagulation and mechanical filtration, this improves the quality of the treated water, reduces the membranes and ion exchange contamination, and significantly increases their lifetime.
- Ultra-clean water filters in industry, hospitals, laboratories and HoReCa.
- Removal of bacteria and viruses.
- Addition-free disinfection with simultaneous removal of turbidity and color of borehole, wells, river and seawater and water containing high molecular organic substances.
- Cleaning of water in swimming pools without chemicals. Replaces sand filter. v
- Clearing and disinfecting drinking water while preserving the natural minerals. This is very important for the production of bottled water.
- Rengøring af vand i svømmebassiner uden kemikalier. Erstatte sandfilter. v
- Opklaring og desinfektion af drikkevand med samtidig bevaring af de naturlige mineraler. Dette er meget vigtigt for produktionen af flaske vand.



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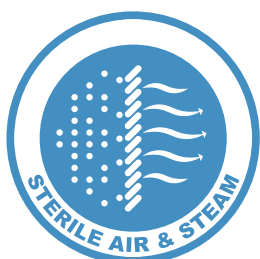
Ultrafilter Scandinavia offers a wide selection of filtration products for compressed air, liquids and gas. We have stock in Denmark and from here we distribute all of our products to Scandinavia and the Baltic countries.

Ultrafilter Scandinavia is a part of the Ultrafilter group. Our production facility is in Germany and we have several subsidiaries in Europe and the United States.

You can buy our products on local websites. Information about our products as well as brochures and manuals can be found on our website (www.ultra-filter.com).

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FILTRATION OF



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