

ULTRAFILTRATION
system 0.02 microns

PREMIUM QUALITY
MADE IN GERMANY



We make a difference.

WATCH UF 2500

Best way to pure water: WATCH UF 2500

The most innovative point of entry system for safe removal of pathogens and colloids from drinking water. A standalone unit with the smallest footprint, simple to install and easy to maintain.

Provides more than 2000 liters of pure water per hour thanks to the state-of the art tubular membranes. No storage tanks, no pumps, no electrical valves.

The system is supplied with manual or automatic backwashing valve (bottom drain part available as option).

APPLICATIONS

- Drinking and process water filtration
- pre-filtration for reverse osmosis
- restaurants
- hotels holiday houses
- camping
- remote locations
- (seasonal agriculture activities, mining operations, logging and deforestation, camps, ...)
- emergency situations



BENEFITS

- 20 nm (0.02 microns) absolute filtration rate; 99,99% rejection
- Smallest footprint
- Simple installation
- Easy to maintain
- Out-in filtration
- No storage tank, no pump
- Plain Filtration to fully programmable
- Manifold able, in parallel / series for commercial applications

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WATCH UF 2500

WATCHUF 2500 System includes:

Pressure vessel with chrome coat, preset controller, DN 25 fittings (1")

Optional:

Pure water backwash, **WATCHUF 2500** Cleaning/Disinfection unit, bypass connection, bottom drain part



SPECIFICATIONS WATCHUF 2500

Flow rate 2.2 to 2.7 m³/h at 25°C and 4 bar

Temperature 2 to 50°C

Pressure 1 to 8 bar

Backwash rate 0.7 m³/h

Size: 23 cm diameter x 145 cm height

Weight: 16 kg

Cleaning connection DN 10 (3/8")

Drain connection DN 20 (3/4")

Prefiltration 5 microns, recommended 1 micron

Chlorine max. 1,0 ppm

Chlorine Cleaning max 200 ppm

Microorganism removal

Bacteria 4,4 log

Viruses 2,4 log

Cysts ~ 2,0 log

Ultrafiltration membrane and all wetted parts of **WATCHUF 2500** are certified.

WATCH UF 2500 with automatic backwashing:

Article number	Valve	Normal flow rate	Backwash flow	Connection
UFA.025.842	Tech-Series	2.2 m ³ /h	12 l/min	DN 25 (1")

WATCH UF 2500 with manual backwashing:

UFA.025.842	Tech-Series	Normal flow rate	Backwash flow	Connection
UFM.025.842	Manual	2.2 m ³ /h	12 l/min	DN 25 (1")

Equipment:

Article number	Description
20"- prefiltration	
1003829	Sediment filter wound, 20 "length, 5μ
1003940	Sediment filter wound, 20 "length, 1μ
150561	Filter housing 20 ", 3/4" inlet / outlet with pressure relief button (also available with brass thread)
150578	Suspension housing
150295	Filter wrench
20-inch pre-filtration BIG	
155358-43	Sediment filter BIG wound, 20 "length, 50 / 5μ
155360-43	Sediment filter BIG wound, 20 "length, 25 / 1μ
155783-43	Activated carbon block filter BIG, 20 ", 10μ
150273	Filter housing 20 "BIG, 1" inlet / outlet, pressure relief button (also available with brass thread)
150061	Suspension housing
144368	Filter key
Automatic backflush filter	
002.200.001	Backflush filter JRF 1 ", 4.5 m ³ / h
Floor drain accessories	
RFBDA-251-PVC	floor drain unit, 1 inch FPT thread, including 2.5 inch x1 inch PVC floor adapter, connector, elbow, 1 inch FPT ball valve, garden hose adapter
RFBS-258	ground plug, 2.5-inch 8-NPSM thread
RFSM-TR1258	Ground Adapter, 2.5-inch 8-NPSM Thread x 1-inch FNPT thread
Replacement UF Module	
UF-RP-2500	UF-RP-2500 WATCH UF 2500 module

To know and learn more about this huge potential of **WATCHUF 2500** please contact us:

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