

**ULTRAFILTRATION**  
system 0.02 microns

PREMIUM QUALITY  
MADE IN GERMANY

**WATCH<sup>®</sup>**  
**ER**  
WATCH WATER  
*a Water Company*

*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
- campings
- 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
- Manifordable, in paralel/serie for commercial applications

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## WATCH UF 2500 System includes:

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

### Optional:

Pure water backwash, WATCH UF 2500 Cleaning/Disinfection unit, bypass connection, bottom drain part



### SPECIFICATIONS WATCH UF 2500

Flow rate	2.2 to 2.7 m <sup>3</sup> /h at 25°C and 4 bar
Temperature	2 to 50°C
Pressure	1 to 8 bar
Backwash rate	0.7 m <sup>3</sup> /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
<b>Microorganism removal</b>	
Bacteria	4,4 log
Viruses	2,4 log
Cysts	~ 2,0 log

Ultrafiltration membrane and all wetted parts of WATCH UF 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 <sup>3</sup> /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 <sup>3</sup> /h	12 l/min	DN 25 (1")

**Equipment:**

Article number	Description
<b>20"- prefiltration</b>	
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
<b>20-inch pre-filtration BIG</b>	
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
<b>Automatic backflush filter</b>	
002.200.001	Backflush filter JRF 1 ", 4.5 m <sup>3</sup> / h
<b>Floor drain accessories</b>	
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
<b>Replacement UF Module</b>	
UF-RP-2500	UF-RP-2500 WATCH <b>UF 2500</b> module

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

Watch-Water<sup>®</sup> GmbH  
Fahrlachstraße 14  
68165 Mannheim, Germany  
Tel. +49 621 87951-0  
Fax +49 621 87951-99  
info@watchwater.de

