





Technical Datasheet

Der Wasserfilter



-  Clean water for home
-  International application
-  Automatic water stop during filter replacement
-  Push & Click filter replacement procedure
-  Modular design
-  Easy installation & maintenance

The installation of the water filter is straightforward and time-saving. It can be installed and ready for operation at the water faucet within a few minutes. A notable feature of the filtration system is its modularity, allowing for individual customization to meet specific user needs. The filter components have a long lifespan and ensure long-term effective removal of contaminants. Additionally, the water filter meets the highest environmental standards and provides sustainable filtration of drinking water.

Microbiological contaminants such as bacteria, pollen, algae, fungal spores, and parasites are effectively filtered out from the water thanks to the ultrafiltration process. The activated carbon post-filter with coconut shell granules removes organic pollutants and biocides, significantly improving the taste of the drinking water.

Technical Data Der Wasserfilter (without accessories)

Dimensions	Width: 188 mm, Height: 300 mm, Depth: 90 mm
Weight	1.5 kg (ohne Zubehör)
Temperature	Minimum 4 °C (39 °F) to maximum 38 °C (100 °F)
Operating pressure	Minimum 1.5 bar (22 psi) to maximum 4.0 bar (58 psi)
Ultra-pure water production	At 21 °C input water temperature and 2.5 bar approx. 2.6 l/min.
Water Connections	Water supply 1/4" JG connection – ultra-pure water 1/4" JG connection

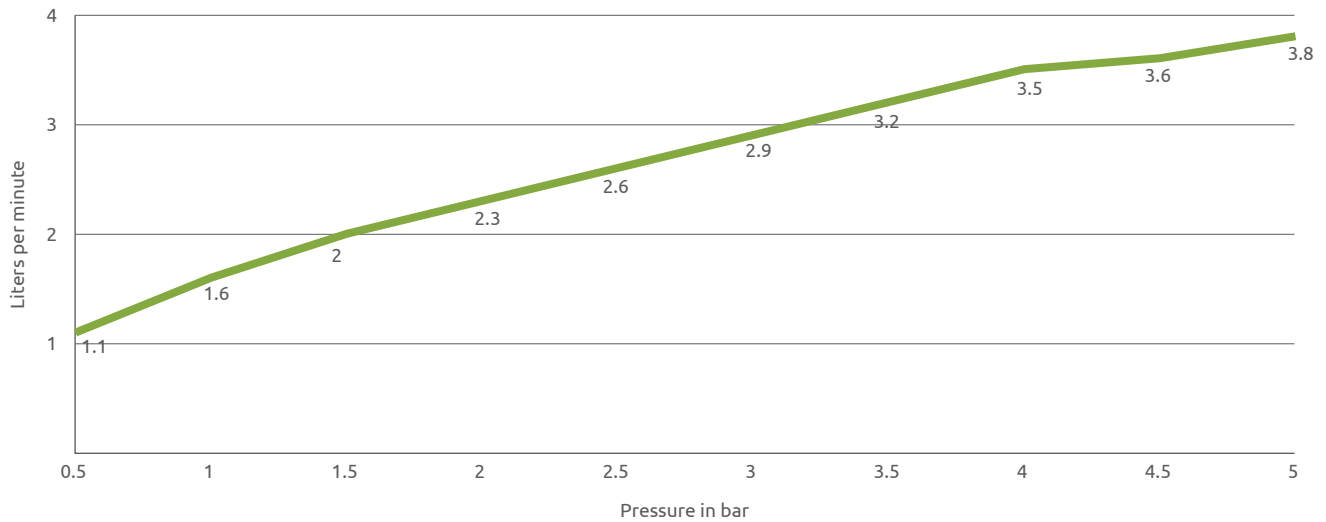
Scope of delivery Der Wasserfilter

1 x VA-Standard - UF Cartridge - Ultrafiltration
1 x VA-Standard - GAC Cartridge - Activated Carbon Granule
1 x Tap connector adapter with aerator and return for wastewater - M22 inner thread to 1/4" tube
1 x M24 AG to M22 AG - water filter faucet adapter
1 x M24 AG to M22 AG long version - water filter faucet adapter
John Guest - Plastic tubing - 1/4" Color: red (water inlet) - Length: 1.5 m
John Guest - Plastic tubing - 1/4" Color: clear (purified water) - Length: 1.5 m

Replacement filter	Item number
VA-Standard UF Ultrafiltration cartridge hollow fiber membrane	1000168
VA-Standard GAC - Activated carbon granular cartridge (post-filter) 426 g	1000068
VA-Standard CTO - Activated carbon block cartridge (post-filter) optional 378 g	1000067
VA-Standard PP - Sediment filter cartridge (pre-filter) optional 426 g	1000066
VA-Standard GAC + Mineralization cartridge (post-filter) optional	1000169

Additional Accessories	Item number
1-way stainless steel faucet in matte finish	1000257
3-way stainless steel faucet in matte finish	1000248
John Guest - Plastic tubing - 1/4" Color: clear (purified water)	PE-08-BI-0500F-N
John Guest - Plastic tubing - 1/4" Color: red (water inlet)	PE-08-BI-0500F-R
VA-Basic - Expansion for additional pre or post-filter - Width: 94 mm, Height: 158 mm, Depth: 90 mm	4000031

Filtration performance Der Wasserfilter



Filtration Results

Here you will find the individual filtration stages along with their corresponding filtration results. Through our filtration process, up to 98 % of all impurities are filtered out of the water.

Filtration result				
Sample materials	VA-Standard PP – Sediment filter 5 µm	Reverse osmosis membrane 0.0001 µm	VA-Standard GAC – Activated charcoal filter 0.5 µm	Filtration result Der Wasserfilter
Arsenic compounds	NO	YES	NO	YES
Lead	NO	YES	NO	YES
Cadmium	NO	YES	NO	YES
Sodium	NO	YES	NO	YES
Sulfate	NO	YES	NO	YES
Calcium	NO	YES	NO	YES
Magnesium	NO	YES	NO	YES
Phosphate	NO	YES	NO	YES
Chloride	NO	YES	NO	YES
Fluorides	NO	YES	NO	YES
Nitrates	NO	YES	NO	YES
Bacteria	NO	YES	PARTIAL FILTRATION	YES
Viruses	NO	YES	NO	YES
Organic substances	YES	YES	PARTIAL FILTRATION	YES
THM, TEA	NO	YES	YES	YES
Dioxine	NO	YES	NO	YES
Radioactive elements	PARTIAL FILTRATION	YES	NO	YES
Chlorine	NO	PARTIAL FILTRATION	YES	YES
Pesticides	NO	YES	YES	YES
Sediment	YES	YES	PARTIAL FILTRATION	YES
Bad taste & odor	NO	YES	YES	YES
Other soluble & insoluble substances	NO	YES	NO	YES