

Technical Datasheet

VA-Basic



-  Ultra-pure water filter for mobile homes
-  Optimized for private households
-  International application
-  Automatic water stop during filter change
-  Filter change via Push & Click method
-  Compact design
-  Water production of 0.8 up to 1.1 l/min
-  Easy installation

The compact VA-Basic is characterised by its uncompromising design and flexibility. The system can be extended through a standardised mounting with additional functions as required. A high-quality osmosis membrane made with Original Dow® FILMTEC™ material guarantees comfortable water production.

With the smallest, most compact design in its class, the VA-Basic fits into any luggage, but you can also use it in your own home and mobile homes for drinking water treatment. The maintenance of the system has been reduced to a minimum and, thanks to the Push & Click method, usually takes no longer than five minutes.

Technical Data VA-Basic (without accessories)	
Dimensions Weight	Width: 264 mm, height: 318 mm, depth: 90 mm 2.0 kg (without accessories)
Temperature Operating pressure	Minimum 4 °C (39 °F) to maximum 38 °C (100 °F) Minimum 1.5 bar (22 psi) to maximum 5.0 bar (72 psi)
Ultra-pure water production	At 21 °C input water temperature and 4.5 bar approx. 0.25 l/min
Ultra-pure water / wastewater Ratio	Depending on the input water quality, the ratio is 1 : < 2
Water connections	Water supply 1/4" JG connection – Wastewater 1/4" JG connection – Ultra-pure water 1/4" JG connection
Power connection booster pump	110 - 230 VAC – 50 - 60 Hz – 30 W
Scope of Delivery	
1 x VA-Basic (without accessories)	
1 x VA-Standard PP – Sediment filter cartridge (pre-filter)	
1 x VA-Standard 100 GPD membrane (FilmTec™ material)	
1 x VA-Standard GAC – Activated carbon granulate cartridge (post-filter)	
1 x Power cord Europe CEE 7/7 to C13	
1 x Power cord Switzerland Type J to C13 (accessory)	
1 x Tube set (6 m) with each two meter 1/4" tube in red, yellow and natural 98 g	
Replacement filters	
	Item Number
VA-Standard PP – Sediment filter cartridge (pre-filter) 328 g	1000066
VA-Standard GAC – Activated carbon granulate cartridge (post-filter) 426 g	1000068
VA-Standard CTO - Activated carbon block cartridge (post-filter) optional 378 g	1000067
VA-Standard GAC + Mineralisation cartridge (post-filter) optional	1000169
VA-Standard UF Ultrafiltration cartridge hollow fibre membrane	1000168
VA-Standard 100 GPD membrane (FilmTec™ material) 418 g	1000167
Extensions	
	Item Number
VA-basic - Booster pump incl. power supply 110-230V – Width: 105 mm, height: 156 mm, depth: 90 mm	4000030
VA-Basic - Extension 1/4" Tap	4000029
VA-Basic - Extension for additional pre- or post-filters – Width: 94 mm, height: 158 mm, depth: 90 mm	4000031
Tap connector adapter with aerator and return for waste water - M22 Female to 1/4" tube	1000209



VA-Basic - Extension with Booster Pump and Power Supply 110-230V



VA-Basic



VA-Basic - Extension 1/4" Tap

VA-Basic - Extension for additional pre- or post-filter

Filtration results

Here you will find the individual filtration stages with the associated filtration results. Through our filtration process up to 99 % of all foreign substances 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 VA-Basic
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