



Aib Filter

Drinking Waterfilter



Contents

Trinkwasserfilter Wasserfilter für Zuhause	5
Unser Trinkwasser Was gehört hier nicht hinein?	7
Mikroplastik Heute in aller Munde	9
Bakterien und Keime Im Trinkwasser	11
Gesteinsschichten Der Filter der Natur	13
Alb Trinkwasserlösung Filtergehäuse plus Kartusche	15
Alb Active S Der Standard Trinkwasserfilter	17
Alb Active Der Einstieg in die Mikrofiltration	19
Alb Active Plus+ Das Plus an Sicherheit	21
Alb Nano Bei positivem Legionellen Befund	23
Einsatzorte und Installation Ihres Alb Trinkwasserfilters	25



Drinking Waterfilter

for the home

The pollution of drinking water by the environment and industry has steadily increased in recent years. Residues of medicines, pesticides and microplastic particles thus increasingly enter the body.

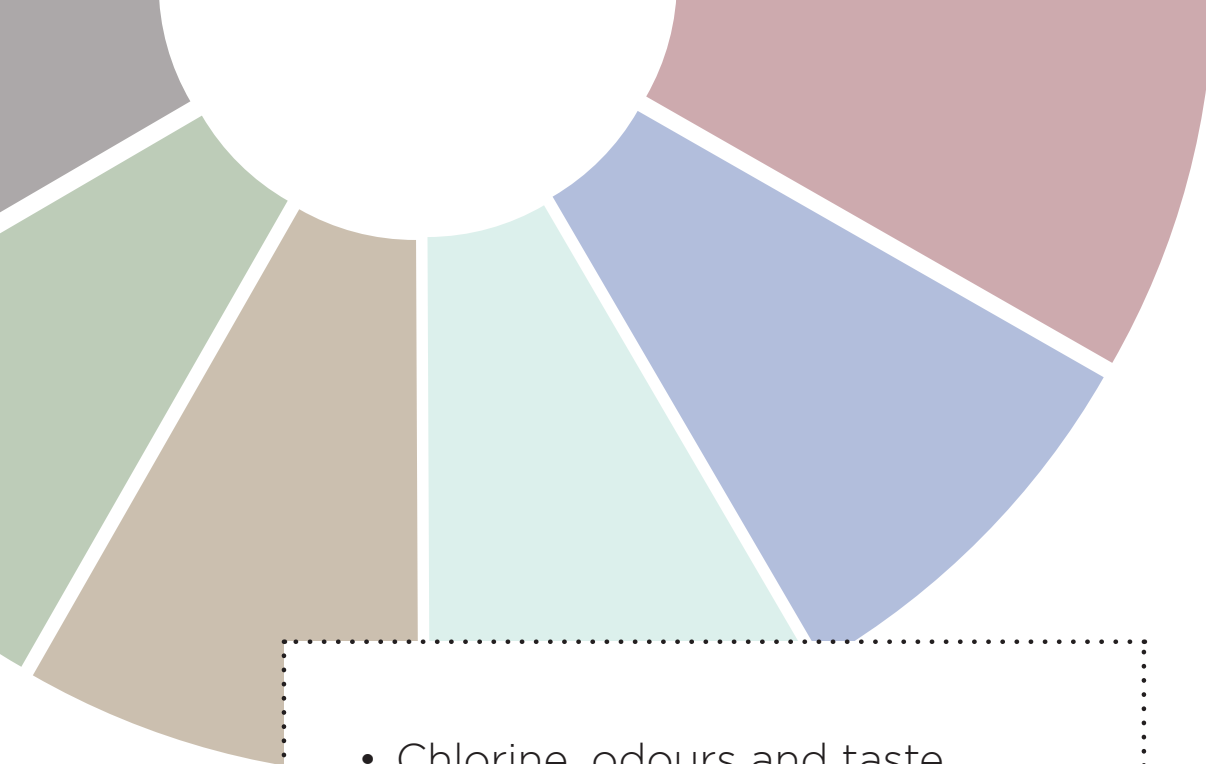
Our innovative filter solutions remove a variety of pollutants, annoying odours (such as chlorine), colourings and pesticides. Microplasty is bound and the smallest pathogens, bacteria, legionella and germs can be retained.

Enjoy your drinking water again without hesitation directly from the tap by the private water treatment.

Translated with www.DeepL.com/Translator

Did you know that?

Much-controlled does not mean the best possible. The Drinking Water Ordinance regulates approx. 50 limit values whereas up to 100,000 impurities and pollutants can occur in our drinking water due to industry and the environment.



- Chlorine, odours and taste
- Organic compounds
- Heavy metals
- Pesticides
- Drug residues
- Microplasty
- Asbestos fibres
- Bacteria and germs



Our drinking water

What doesn't belong here?

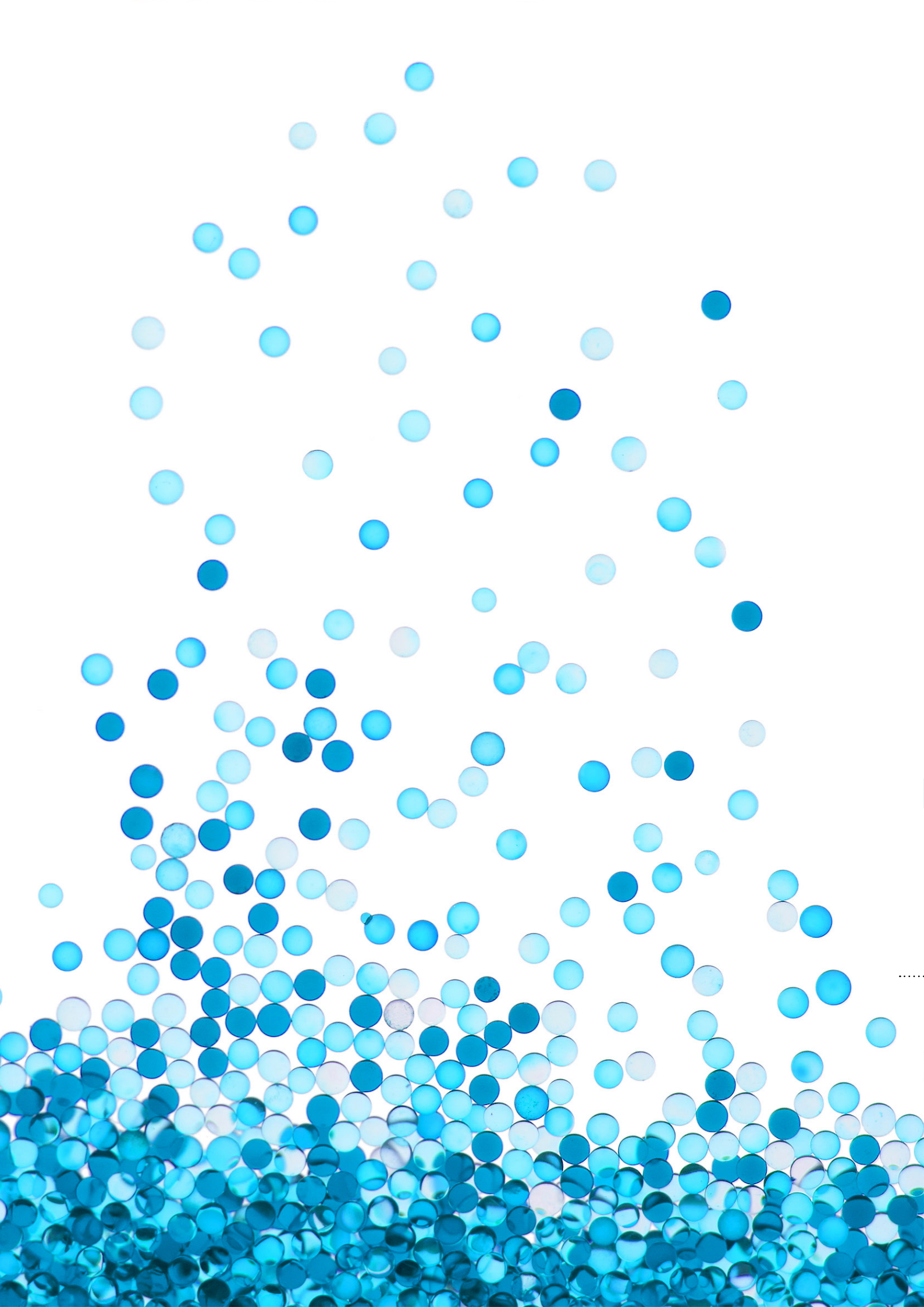
Our drinking water - mostly drinkable but not healthy!

Limit values and controls ensure that our tap water is edible, i.e. drinkable. Unfortunately, the numerous regulations cover only a few of the detectable impurities. Moreover, compliance with limit values does not mean that the water is free of harmful substances. Suppliers must be able to offer the water at a reasonable price and the quality therefore generally remains a question of cost alone.



We're of the opinion

Our tap water should also be filtered using high-quality water filter systems. This means that substances can also be removed from the water that have no limit values and are neglected in official controls.



Microplasty

On everyone's lips today

Today, almost all waters, beverages and food contain the smallest plastic particles that transport harmful substances and release toxins. The extent of the health consequences cannot yet be predicted.

Can water filters remove microplastic? - Yes!

The particle size of microplastics is decisive here. It can be estimated that the plastic particles are in the range of 2 - 10 micrometers due to decomposition and abrasion. Our drinking water filters (except Active S) can retain plastic residues in the size range up to 0.1 micrometers and thus free your tap water from microplastics.

Did you know that?

80% of the microplastic particles contained in the waste water remain in the sewage sludge of the sewage treatment plants, which is often used as fertilizer in fields.

Coli bacteria (E.coli) and Enterococcus

Occurs in the human and animal intestines and enters the water through excretions. They cause bacterial infections and diarrhoea. Very dangerous at high concentrations.

Pseudomonas

This is particularly the case with incorrectly planned or older pipe systems when the water is left standing for a longer period of time. They are considered to be the cause of pneumonia and urinary tract infections.

Legionellae

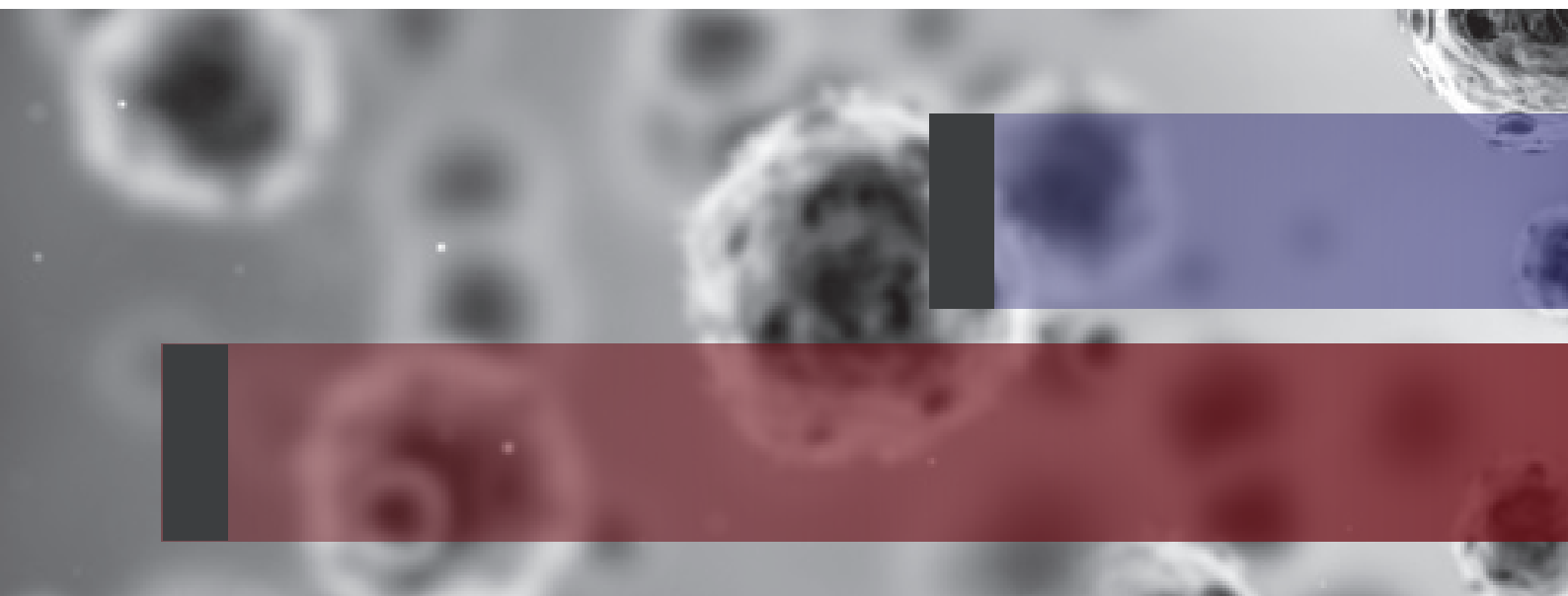
These superstars are among the humid germs because they feel particularly comfortable in the water. It is life-threatening for the human organism because it causes Pontiac fever and Legionnaire's disease.

0,1 μm

Micro germs

0,7 μm

Bacteria



Bacteria and germs

In drinking water


Even after proper treatment, tap water is not sterile. The Drinking Water Ordinance regulates the limit values for impurities and obliges water suppliers to monitor water quality. Nevertheless, there are always cases of contamination in drinking water. How risky bacteria and germs are for the human body depends on the type of pathogen, the quantity and the state of health. Infants, the sick and the elderly are the main risk groups.

Our certified filter cartridges Active Plus+ and Nano are used for bacterial contamination.



Active Plus+

Nano

A person wearing a blue hooded jacket and black pants stands on a dark, rocky beach. Their arms are outstretched to the sides. In the background, a massive waterfall cascades down a cliff, creating a large plume of white mist. The sky is overcast and grey. The overall mood is one of awe and contemplation.

Did you know that?

1% of the water on earth can be used as drinking water!



Stone strata

Filters of nature

Taking nature as an example:

Pure, cool, colourless without smell or taste - that's how drinking water should be. Groundwater is best suited for the production of drinking water. When seeping into the ground, the rainwater flows through various layers of rock and is pre-cleaned, as if through a filter.

Comparison table Alb Drinking water variants

Kartusche	Active S	Active	Active Plus+	Nano
Odour, taste, colour (chlorine)	✓	✓	✓	-
Heavy metals	✓	✓	✓	-
Pesticides	✓	✓	✓	-
Pharmaceutical residues	✓	✓	✓	-
Microplasty	-	✓	✓	✓
Asbestos fibres	-	✓	✓	✓
Micro germs	-	-	-	✓
Legionellae	-	-	-	✓
Flow rate	Very high	High	Low	High

Did you know that?

Our filter housings are manufactured here in Germany on the Swabian Alb from a lifelike aluminium alloy.

Alb Drinking water solution

Filter housing plus cartridge

The filter cartridge determines the area of application.

Our drinking water cartridges offer a wide range for naturally better water. Protect yourself from dangerous bacteria and germs as well as unpleasant taste, smell and color.

Become part of the Alb Filter family and take a big step towards sustainability with us. Discover an inexpensive alternative to drinking water from the supermarket.

- Alb Filter is a good decision in every respect.



Fields of application



Against bad taste and odours (chlorine)



Filtration of organic compounds and heavy metals



Reduction of pesticides and drug residues

Technical Specifications

- Coconut activated carbon with KDF (Made in Germany)
- Change interval: Every 6 months. Recommendation according to DIN 1988
- Flow rate: (Very High) approx. 12.5 l/min at 4.5 bar

Alb Active S

The standard drinking water filter

Drink the difference!

Enjoy sustainable and reliable water treatment with our drinking water solution Active S. The large surface of the cartridge removes or binds harmful substances, aromas and odours from the water. The Active S filter solution is your basis for a refreshing drinking pleasure!



Fields of application



Against bad taste and
Odours (chlorine)



Filtration of organic compounds
and heavy metals



Reduction of pesticides and
pharmaceutical residues



**Filtration and retention of microplastic,
asbestos fibres, etc.**

Technical Specifications

- Sintered activated carbon block (Made in Germany)
- Pore fineness: 1 micrometer
- Change interval: Every 6 months. Recommendation according to DIN 1988
- Flow rate: (high) approx. 9.4 l/min at 4.5 bar

Alb Active

The entry into microfiltration

Enjoy drinking water without hesitation!

Alb Active convinces by an even more effective filtration of pollutants, odours and other undesirable residues in drinking water. Also remove harmful microplastic particles. No problem with our Active Block activated carbon.



Fields of application



Against bad taste and
Odours (chlorine)



Filtration of organic compounds
and heavy metals



Reduction of pesticides and
pharmaceutical residues



**Filtration and retention of microplastic,
asbestos fibres, etc.**



Against bacteria and germs

Technical Specifications

- Sintered activated carbon block (Made in Germany)
- Pore fineness: 0.7 micrometer
- Change interval: Every 6 months. Recommendation according to DIN 1988
- Flow rate: (Low) approx. 1.4 l/min at 4.5 bar

Alb Active Plus+

The plus in safety

The plus in safety against germs and bacteria!

Our Alb Active Plus+ solution was developed and perfected in cooperation with a renowned German filter manufacturer. In addition to the properties of Alb Active, the Active Plus+ variant effectively retains germs and bacteria up to a size of 0.7 micrometers with the use of a germ barrier.



Fields of application



Filtration and retention of microplastic, asbestos fibres, etc.



Filtration of smallest microorganisms (~99,99%) E. coli bacteria, Vibrio cholerae, shigella, Salmonella and much more.



Technical Specifications

- Bundled high-performance membranes
- Pore fineness: Up to 0.1 micrometer
- Change interval: Every 6 months. Recommendation according to DIN 1988
- Flow rate: (high) approx. 11.7 l/min at 4.5 bar

Alb Nano

With positive Legionella findings

Nothing is more important than your health!

Whether preventive or with positive Legionella findings: The water filter Nano reliably protects you against Legionella and dangerous microorganisms in shower water and drinking water. The quality solution certified in Germany offers the highest protection against Legionnaire's disease, pneumonia, immunodeficiencies and many more.

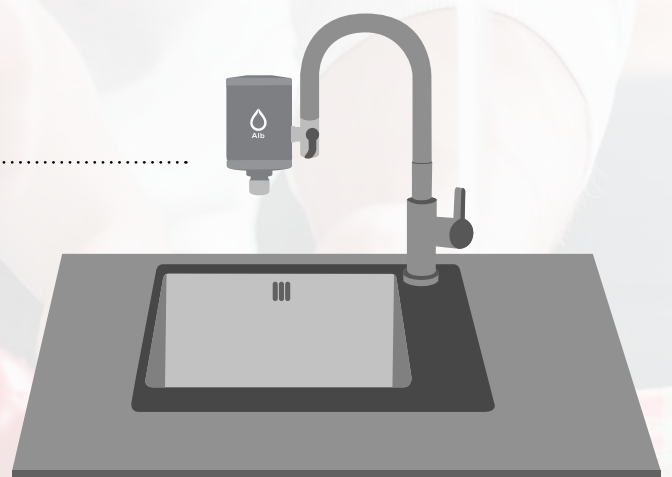
Developed and manufactured in Germany with the highest demands on material and quality of the 0.1 micrometer hollow fiber membrane.





Directly at the tap

For this your perlator is unscrewed and instead our Alb Sidewinder with change-over valve is mounted.



Locations and Installation

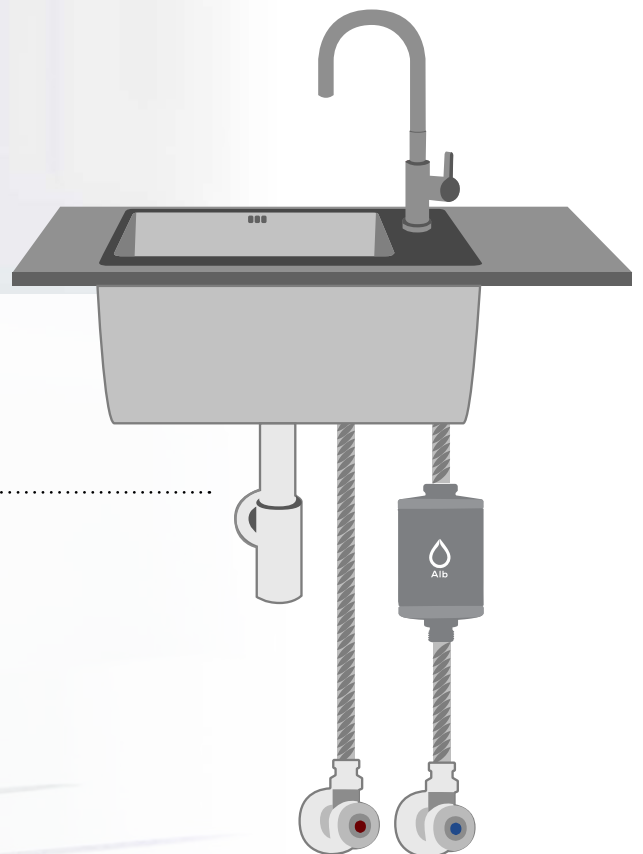
of your Alb drinking water filter

Our low-maintenance and durable drinking water filters are easy to install. You can choose whether you prefer our Sidewinder version with a sufficiently high wash fitting or the under sink version to conceal the filter.

The cartridge is usually changed every 6 months and is also done in a few easy steps.

Under the sink

Place your Alb drinking water filter between the cold water angle valve and your tap.





Alb[®]
filter

www.alb-filter.com