ANALEMMA

WATER FILTRATION SYSTEM

WATER FILTRATIONS SYSTEMS AVAILABLE FOR BOTH WHOLE HOUSE AND SINGLE POINT OF USE



PURE WATER SWISS QUALITY
The PERFECT Foundation.

Clean, filtered water, the very best basis for stable, coherent Analemma water.

We are convinced that water quality starts with effective filtration. Water is the foundation of everything we do. We drink it, cook with it, shower with it and use it every day, often without giving it a second thought. That is why it deserves our best care.

Clean, filtered water, the very best basis for stable, coherent Analemma water.
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For a long time now, our customers and other interested parties have been asking us time and again about good drinking water filter systems, and also why we do not manufacture them ourselves. The reason for this was that we were never able to find a filter ystem that actually delivered on its promises, was of good European quality, and that we could stand behind 100 per cent. This is now the case with this product range, not least because the people behind it support the product – and the world – for the right reasons.

For this reason, we have opted for two high-quality Swiss water filtration systems: one for all the water in your home (the 'Home' system) and one for pure water at a single tap (the 'Point of Use' system). Both were developed by the Swiss company Evodrop AG and are available as part of a new product range under the own-brand name 'Analemma Water Filtration System'.

Analemma Water Filtration Systems remove a wide range of undesirable substances from tap water. Nanoporous filtration with a pore size of 0.002 µm removes >99 % of the most common pollutants, whilst the natural minerals are retained. .

The substances filtered out of the water include, amongst others:

- PFAS and TFA
- Heavy metals
- Microplastics
- Bacteria and viruses
- Pesticides
- Medication residues
- Chlorine
- Organic substances that affect odour and taste

Swiss technology you can rely on

Analemma Water Filtration Systems are based on proven technology developed and manufactured in Switzerland. The systems combine innovative filtration technology with sustainable materials and meet high international quality and safety standards.

The filter's performance has been independently tested by SGS, and the materials used are certified for safe contact with drinking water. Thanks to high Swiss quality standards, you can rely on consistent performance year after year..

Tested and certified

The Analemma Water Filtration Systems were developed by Evodrop AG in accordance with high Swiss quality standards and have been awarded independent test and quality certificates:

SGS – Tested independently for filter performance.
MOCA – Materials that are safe for contact with drinking water.
FDA – Food-grade components.
ISO 9001 – International quality management.
CE & RoHS – Complies with European safety and environmental standards.

Choose beteen our 2 Systems



HOME SYSTEM - For Whole House



POINT OF USE SYSTEM - For Single Tap

Manufactured under an ISO 9001:2015-certified quality management system.

Tested and compliant with CE, RoHS (EU 2011/65) and U.S. FDA food-contact requirements.

SWISS ENGINEERING

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AWFS GENERAL FAQ's

What makes the Analemma Water Filtration System so special as a PFAS filter?

PFAS and TFA are regarded as so-called 'forever chemicals'. They are extremely stable, completely water-soluble and difficult to remove using conventional methods.

Analemma's water filtration systems combine PlasmaShield Nanomatrix with nanoporous adsorbent material. The filtration process operates down to the sub-micrometre range. Its effectiveness in removing PFAS and TFA has been confirmed by independent Swiss laboratory tests.

If you are looking for a PFAS filter that not only works in theory but has been technically proven to be effective, an Analemma Water Filtration System is the logical solution.

Does the Analemma Water Filtration System really remove TFA?

Yes. Trifluoroacetic acid is an ultra-short-chain PFAS compound with very high mobility in water. Many central water treatment works and conventional filters reach their physical limits when dealing with this compound.

Our technology has been specifically designed to reliably adsorb even the smallest molecules. This is not a marketing claim, but is based on verified laboratory analyses.

Does the pH of the water change?

No. We do not alter the pH of the water through filtration using the AWFS Home or AWFS Point of Use.

Are the minerals retained after filtration?

Yes. With both the AWFS Home and the AWFS Point of Use, the minerals present in the water – which are important for filtration – are retained in the filtered water.

Do the water filtration systems also ensure the water is coherent?

No. Analemma Water Filtration Systems thoroughly purify the water, but they do not make the filtered water coherent.

These are two different areas. Would you still like the best combination of clean, stable and consistent water? Then combine the AWFS Home with the Analemma Home Unit, or the AWFS Point of Use with t he Analemma Point of Use Unit.

This way, you get the best of both worlds.

AWFS HOME SYSTEM FAQ's

Is the AWFS Home a traditional activated carbon filter?

No. The AWFS Home is not a conventional activated carbon block filter of the sort usually available on the market.

Conventional activated carbon filters are manufactured by extrusion or compression moulding. In this process, granulated or powdered activated carbon is compressed into a block using binders (e.g. synthetic resins or polymer adhesives). This construction inevitably results in a certain degree of pressure loss, a limited internal surface area and an uneven pore structure.

The AWFS Home works in a fundamentally different way:
Our carbon structure is built up on fibre-based carrier materials (e.g. rayon) using a wet-spinning process, then carbonised, activated and processed into a highly structured membrane. This process enables:

– an extremely high specific internal surface area (m^2/g)
– a predominance of micropores ≤ 2 nanometres
– a homogeneous pore distribution
– maximum adsorption capacity with minimal material usage

Conventional activated carbon filters, on the other hand, rely predominantly on mesopores and macropores (10–50 nanometres and ≥ 50 nanometres respectively), which, whilst allowing fluid to pass through, exhibit a significantly lower selective adsorption capacity.

Sputtering technology – the key difference

Another technological difference lies in the sputtering technology used by Evodrop.

In this process, functional layers are precisely applied at the nanoscale in order to specifically optimise the adsorption and binding properties. This process originated in the high-tech industry and enables controlled surface modification at the atomic level.

The result:

– Targeted pollutant adsorption
– Stable adsorption structure
– No material abrasion
– No channeling
– No significant pressure loss in the system

As a result, the AWFS Home operates with high filtration efficiency whilst maintaining a stable flow rate.

Verification of filtration performance

The filtration performance of the AWFS Home has been tested and verified in independent laboratory tests conducted by SGS. The test reports document significant filtration of known pollutants under s tandardised conditions, including the complete removal of PFAS*.

The full test reports can be provided on request.

Where is the AWFS Home installed?

The AWFS Home is a household filter and is installed directly onto your home's main cold-water supply pipe. It is important to follow a specific installation sequence. The AWFS Home must be installed after the water meter, the pressure regulator and the sediment filter (backwash filter).

Does the AWFS Home produce waste water?

No, the AWFS Home does not produce any waste water and does not require any electricity either.

Does the AWFS Home need servicing, and how much does it cost?

For hygiene reasons, it is recommended that the filter be replaced every 6 to 12 months at the latest. However, an earlier replacement within this period may be necessary if the water flow is noticeably reduced. This is not a fault with the filter used, but an indication of an increased presence of fine particles in the unfiltered water. Due to various external factors (house size, water hardness, water consumption, pipework, etc.), we will advise you of the maintenance interval on a case-by-case basis.

Evodrop guarantees a term of 12 months, unless otherwise agreed in writing.

An AWFS Home replacement filter costs €479,-

Important information:

There are no further costs for you. No electricity, no sewage charges, no other maintenance contracts and no hidden costs.

What material is the AWFS Home made of?

Our 'activated carbon' is carbonised, activated and finally spun using a wet-spinning process on membrane-like fibres, such as rayon. As a result, we are able to achieve outstanding results in terms of specific surface area (m^2/g) compared with conventional activated carbon filters. Above all, our cartridges consist predominantly of micropores with a diameter of ≤2 nanometres. Conventional activated carbon onsists mainly of mesopores and macropores, which are significantly larger (10–50 nanometres and ≥50 nanometres).

In other words, the AWFS Home filters at 0.002 micrometres, whilst standard activated carbon filters filter at 0.1 micrometres.

Is the water mixed in the AWFS Home? How is the bypass adjusted?

No. With the AWFS Home, all domestic water is treated directly – there is no need to mix in any untreated water.

The bypass is set so that 100 per cent of the water flows through the system. This ensures that every tap in the house benefits equally.

The AWFS Home operates without electricity, without waste water and without additional regeneration cycles. There is no blending, as there is no need to dilute or adjust the water.

All the water is treated thoroughly and evenly, efficiently, consistently and without any bypass flows.

AWFS POINT OF USE SYSTEM FAQ's

What makes the AWFS Point of Use so special?

Our high-quality activated carbon has a surface area of up to 1,500 square metres per gram (compared to 1,000 square metres for competitors). This means that just a few grams of this highly porous material cover an area larger than a football pitch. Thanks to our special modulation, we have a larger surface area, which prevents channelling and ensures consistent filter quality. With conventional membranes, filter quality fluctuates or is inconsistent, which under extreme conditions can lead to a significant release of pollutants into the water. The advantage of our AWFS Point of Use is that it consists of 70 per cent micropores, which have a pore size of less than two nanometres (0.002 µm). This greater volume of micropores creates more surface area for adsorption. Conventional activated carbon filters have only around 10 per cent micropores. Unlike conventional activated carbon filters, the AWFS Point of Use utilises capillary action, which enables rapid and efficient filtration through adsorption. Conventional activated carbon filters would either not provide sufficient contact time or restrict the flow too much to be of any use. There are many products on the market that are prone to channel formation. This clogs the filter, significantly reducing its effectiveness. We place great emphasis on sustainability. Our filter therefore prevents channel formation, which increases the service life of our system by up to tenfold. 10–15 times higher adsorption rate 10–100 times higher mass transfer coefficient Removes 10–15 times the amount of contaminants at the same flow rate In practical testing, it quickly became apparent that we clearly have a better chlorine removal rate than conventional activated carbon. Even after 5,000 litres, we were still at over 98%, whilst conventional activated carbon filters were at 80%. Our iodine value – the most fundamental parameter for characterising activated carbon performance – is 1,800 mg/g. Competitors' products reach a maximum of 1,200 mg/g! Fact: one gram of our material has an adsorption surface area the size of a football pitch.

How does the filtration provided by the AWFS Point of Use differ from that of conventional activated carbon filters?

It is important to understand that a supplier's claim that a filter can remove pesticides is usually based on the pore size of the filter. This is generally a maximum of 0.1 micrometres. Pesticides or other contaminants smaller than 0.1 micrometres cannot be effectively removed from the water. Jug filters can generally only filter out particles up to a size of 2 micrometres, which means that many contaminants are not filtered out. Some companies do not explicitly point this out and do not specify the exact pore size. It is advisable to i nsist on appropriate evidence. Conventional activated carbon filters can only filter out particles up to a size of 0.1 micrometres. In comparison, Evodrop, in collaboration with the world's largest testing institute, SGS, has demonstrated that contaminants down to a size of 0.002 micrometres can be effectively filtered out. Compared with conventional activated carbon filters on the market, the AWFS Point of Use filters out over 99 per cent of all pollutants from the water. With other well-known manufacturers, for example, only the cap is patented, whilst the filtration efficiency is a maximum of 60 per cent. Conventional activated carbon filters must be replaced at least every 6 months due to clogging. The AWFS Point of Use cartridge, on the o ther hand, remains germ-free thanks to its patented alloy and has a service life of at least one year.

The AWFS Point of Use is the only filter on the market that can be connected directly to the cold water supply and guarantees the removal of over 99 per cent of all contaminants at a flow rate of 4 litres per minute. It is important to note that manganese, iron and similar substances are not heavy metals and therefore cannot be removed by the filter. The main advantage of the AWFS Point of Use is that, over time, no contaminants re-enter the water, as its structure differs fundamentally from that of activated carbon filters. In activated carbon filters, channels form over time through which contaminants can re-enter the water.

What is the AWFS Point of Use made of?

Our 'activated carbon' is carbonised, activated and finally spun using a wet spinning process on membrane-like fibres, such as rayon. As a result, we are able to achieve outstanding results in terms of specific surface area (m^2/g) compared to conventional activated carbon filters. Above all, our cartridges consist predominantly of micropores with a diameter of ≤2 nanometres. Conventional activated carbon consists mainly of mesopores and macropores, which are significantly larger (10–50 nanometres and ≥50 nanometres). In other words, the Evodrink filters down to 0.002 micrometres, whilst standard activated carbon filters filter down to 0.1 micrometres.

Has the AWFS Point of Use been tested or approved?

The AWFS Point of Use complies with the applicable legal requirements for materials in contact with drinking water and food. The components used are RoHS-compliant and meet the relevant FDA guidelines as well as the European MOCA regulations for materials in contact with food and drinking water. The filtration performance of the AWFS Point of Use has also been assessed in independent laboratory tests. Test reports from internationally recognised testing institutes such as SGS document the performance of the filter technology under defined test conditions.

Does the filter need replacing? How often, and how much does it cost?

The AWFS Point of Use filter must be replaced once a year. Cost: €165,- Evodrop's manufacturer's warranty for the AWFS Point of Use is five years.

Do I need a separate tap?

No, the AWFS Point of Use can be easily connected to the cold water supply.

Does the AWFS Point of Use generate wastewater?

No, the AWFS Point of Use does not produce any waste water and does not require any electricity either.

Is the AWFS Point of Use an activated carbon filter?

Conventional activated carbon is produced using extrusion or compression moulding. Both processes utilise granulated or powdered activated carbon, respectively, and use binders (plastic adhesives or similar) to create a specific block filter. Our 'activated carbon' is carbonised, activated and finally spun onto me mbrane-like fibres, such as rayon, using a wet spinning process. As a result, we are able to achieve outstanding results in terms of specific surface area (m^2/g) compared with conventional activated carbon filters. Above all, our cartridges consist predominantly of micropores with a diameter of <2 nanometres. Conventional activated carbon consists mainly of mesopores and macropores, which are significantly larger (10–50 nanometres and >50 nanometres).

Both of our systems have been designed to ensure optimum filtration, improved taste and many years of reliable service.

Important: The Analemma Water Filtration Systems are intended solely for water filtration and do NOT make water coherent

They are designed with sustainability in mind, easy to use and provide the ideal basis for pure drinking water. Whether you simply want to filter your drinking water or add this to your existing Analemma system, there is always a suitable solution. With this ideal combination, you get the best of both worlds: first, high-quality Swiss filtration technology, and then Analemma's unique technology for coherent water.

The Water Filtration System

The perfect foundation for coherent water. Good water quality starts with effective filtration. Analemma Water Filtration Systems provide the ideal basis for clean and pure drinking water. If you would a lso like to benefit from the unique properties of **coherent water** combine an Analemma Water Filtration System with an **Analemma Home Unit** or an **Analemma Point of Use Unit**.

These systems operate without electricity, produce no waste water and are designed for many years of reliable service.

Why should you choose one of our two water filter systems?

Filters, amongst others

- PFAS and TFA
- Heavy metals
- Bacteria and viruses
- Microplastics
- Pesticides
- Medicinal residues
- Chlorine
- Organic substances that affect odour and taste

Benefits

- Developed in Switzerland
- High-quality filter technology
- Independent audit
- Removes a wide range of undesirable substances
- Preserves natural minerals
- No power consumption
- No wastewater
- Durable and easy to maintain

Water Filtration System Home - Whole-house water filtration

The AWFS Home is connected directly to the main water supply, so that all the water entering your home is filtered first. This way, you can enjoy clean, fresh water throughout your home: whether you're drinking, cooking, showering or washing.



Filters, amongst others

- PFAS and TFA
- Medicinal residues
- Chlorine
- Heavy metals
- Microplastics
- Pesticides
- Organic substances that affect odour and taste

Benefits

- Filtered water from every tap
- Swiss quality and technology
- Reduces a wide range of undesirable substances
- Protects pipework and household appliances
- Better taste and smell of the water
- Preservation of natural minerals
- No power required
- Easy maintenance
- Designed for years of reliable use

We strongly suggest that the filter is replaced once a year to ensure optimum filtration performance.

COMING IN 2027

HOME FILTER SYSTEM EUR 2,749 (Approx £2,290)

Replacement Filters EUR 479 (Approx £399)

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Water Filtration System Point of Use - Filtration from One tap

The AWFS Point of Use is installed under the sink and filters only the water supplied through the connected cold-water tap. The filtered water can then be used for drinking, cooking, and making coffee or tea.

This compact Swiss water filter combines high filtration performance with a high flow rate, without the need for a separate drinking water tap.



Filters, amongst others

- PFAS and TFA
- Medicinal residues
- Bacteria & Viruses
- Pesticides
- Chlorine
- Microplastics
- Heavy Metals



Benefits

- Over 99 per cent filtration of a wide range of undesirable substances*
- High flow rate
- No separate tap required
- Quick-Change filters can be replaced in just a few minutes
- Protects pipework and household appliances
- Better taste and smell of the water
- Suitablke for everyday drinking water and baby food
- Preservation of natural minerals
- No power required
- Easy maintenance
- Designed for years of reliable use
- Tested independently by SGS

*Depending on the specific material and the test conditions.

COMING IN 2027

POINT OF USE FILTER SYSTEM
EUR 548.99 (Approx £458)
Replacement Filters EUR 165 (Approx £138)

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