VISION AQUA®

WATER FOR ALL OF US

REVERSE OSMOSIS
AT THE HIGHEST LEVEL

SAFE DRINKING WATER
THANKS TO BACTERIA AND
VIRUSES FILTER

INDIVIDUAL
FILTRATION SYSTEMS

LIME-FREE WATER FOR
YOUR DEVICES

MADE IN GERMANY

VISION AQUA®

- Drinking water
- Drinking water situation in Germany
- The water cycle

Drinking water - our most valuable commodity

Drinking water is first and foremost a pristine and pure fresh water. It is the substance without which life itself would not be possible. The European population is provided with water in each country, for which the state guarantees quality through its drinking water ordinances.

Pure and clean drinking water is not directly available to most of us, because very few people nowadays have access to a pristine spring or a usable, clean well. To get access to water, we need large infrastructure, which must be maintained and cared for. This servicing is the job of municipal water suppliers.

Citizens in developed countries are used to get water from the tap by merely turning it on, and the so-called drinking water flows. You could call this the modern world. However, it is not quite so simple.

Nowadays, municipal water suppliers must be painstakingly treat water. They provide a valuable service to the public - albeit an increasingly costly service.

Drinking water is obtained from various sources. Groundwater, enriched groundwater, spring water, lake and dam water, river water, river bank filtrate, and well water is used, and also seawater is becoming more important. Drinking water from wells can be produced by drilling shafts that protrude into the layers of surface water. In some areas only around 5 - 15 m depth may be sufficient whereas elsewhere deep wells of up to 400 m depth or more are drilled. Natural springs used to produce drinking water are divided into stratified springs or overflow springs. For seawater desalination, reverse osmosis is used.

The clean and drinkable form of water has become a precious commodity. Precious because we humans have managed to contaminate up to almost 90% of this water treasure in the last 50 - 60 years. Substances that do not belong into the soil are mixed with groundwater.

Today, almost all drinking water may contain some amount of pharmaceuticals, pesticides and other potentially harmful substances which can affect our bodies negatively. Drinking water is much more important than food, for example. Without water, the human body can only survive for about three days.

Drinking water is also an essential material to detoxify our body. However, drinking water can only fulfill this function if it has as few ingredients as possible and if it is not already contaminated with harmful substances.

DRINKING WATER SHOULD BE AS EMPTY AS POSSIBLE AND SHOULD NOT CONTAIN ANY MINERALS OR OTHER INGREDIENTS.

Do not be impressed by the omnipresent advertising lie that mineral water should have a positive influence on your life. Long term water is only digestible for the body when it is just empty. Rain forest Indians and the Inuit with access to clean water have hardly any of our civilisation illnesses such as kidney or gall stones and heart disease. The minerals and trace elements we need to live are almost without exception provided by our food and plants, making us humans primarily omnivores.

If you take a critical standpoint and look back a few hundred years into nature, you will realise what works best for your health.

Back then we only drank rainwater, spring water and river and stream water and were healthier than today. Today there is hardly a person who does not require his or her first chronic medication at the age of 40 or 45. Often and usually even earlier.

All this would not be necessary if we would drink clean and pure water to clean and keep our body clean.

NORMALLY, THE AMOUNT OF NUTRIENTS CONTAINED IN DRINKING WATER IS NOT SUFFICIENT TO COVER THE NEEDS OF THE HUMAN BODY. FOR SOME NUTRIENTS THIS IS NOT NECESSARY EITHER, AS THEY ARE MAINLY SUPPLIED TO THE BODY THROUGH FOOD INTAKE.

Drinking water situation - Germany

Water is just as crucial for the survival of humans and animals as the air we breathe. Humans can go for several weeks without food, but only up to three days without water. Fortunately, we live in a time in which you only have to open the tap to have water in sufficient quantity available. However, what is the quality of the water available?

Germany is producing drinking water mainly from groundwater. But in many places, it is heavily polluted. In areas with intensive agriculture, ground water can contain nitrates, fertiliser residues, herbicides, pesticides, pharmaceutical residues from factory farming as well as uranium.

One of the reasons for high nitrate contents in groundwater is the nitrogenous fertilisation of the fields. In addition to mineral fertilisers, farmers distribute liquid manure from fattening stables and biogas plants. The fertiliser portion that is not consumed by the plants and is not degraded in the soil by denitrification then enters the groundwater as nitrate.

Nitrate in drinking water, obtained from groundwater, is a hazard that should not be underestimated. It can cause severe damage to health once the human body has absorbed it. In the acidic environment of the stomach, nitrate can be converted to nitrite. In combination with the protein components of food, carcinogenic nitrosamines can form. Nitrate is especially dangerous for babies because it inhibits the absorption of oxygen in the blood. In the worst case, the baby can suffocate. The World Health Organization (WHO) has, therefore long been warning about the dangers of nitrate. In the EU, a limit of 50 mg/l of water applies, but in Germany, this limit has been significantly exceeded in many places and for years. Therefore, the European Union had started already a second infringement procedure against Germany in July 2019.

Herbicides and pesticides are frequently used in agriculture to secure yields. Even when used correctly, residues of such pesticides can get into the groundwater and subsequently into drinking water. Despite strict approval regulations, these can be detected again, and again. One of the most frequently used weed control agents is the pesticide glyphosate.

Glyphosate in drinking water is associated with severe health problems. Although no definitive evidence has been found to date, large-scale studies suggest that malformations and miscarriages, for example, are associated with the exposure to glyphosate in drinking water or through food. There are many indications that the pesticide is toxic to the human organism. Besides, there is a presumption that glyphosate can be carcinogenic when found in water or food. For glyphosate, the German Drinking Water Ordinance stipulates a limit that must not exceed 0.5 µg/l in drinking water.

Uranium (a heavy metal) in drinking water is naturally extracted from groundwater that is in close contact with uranium-bearing rocks and sediments. Depending on the respective geo- and hydrological conditions, different types of rocks and sediments can contain natural uranium in various concentrations, and the individual uranium contents can vary.

Due to its toxicity, uranium can cause serious health consequences such as kidney damage. According to the German Federal Environment Agency, a maximum level of 10 µg uranium per litre of drinking water is therefore considered a lifelong tolerable amount. However, this agreed maximum level of 10 µg/l does not offer sufficient protection for infants and small children, who can absorb such substances much faster than adults. For precautionary reasons, according to the organisation Foodwatch, drinking water should not contain more than two µg uranium per litre. According to the EFSA study on „Uranium in food, especially mineral water“, even with less than four µg of uranium per litre of water, there are considerable risks of damage to vital organs for infants and small children.

The situation in the cities and metropolitan areas does not look much better. On the contrary - due to the enormous population density and industry, far worse substances can contaminate drinking water.

High population density makes it easier for diseases to spread, requiring more medicines to be used to contain them. In 2019, more than 48,000 prescription drugs were approved in Germany alone. However, drugs are not 100% absorbed by the body, and many of them end up in wastewater via natural excretion. The improper disposal of medicines is another decisive factor for the high percentage of their residues in the groundwater. The German Federal Environment Agency prescribes a limit of 0.1 µg/l per individual substance in the Drinking Water Ordinance. The problem, however, is that given the enormous amount of drug residues, it is not possible to search for every single substance in use. It is only possible to guess how many substances, and in what quantity, cannot be filtered out of the water.

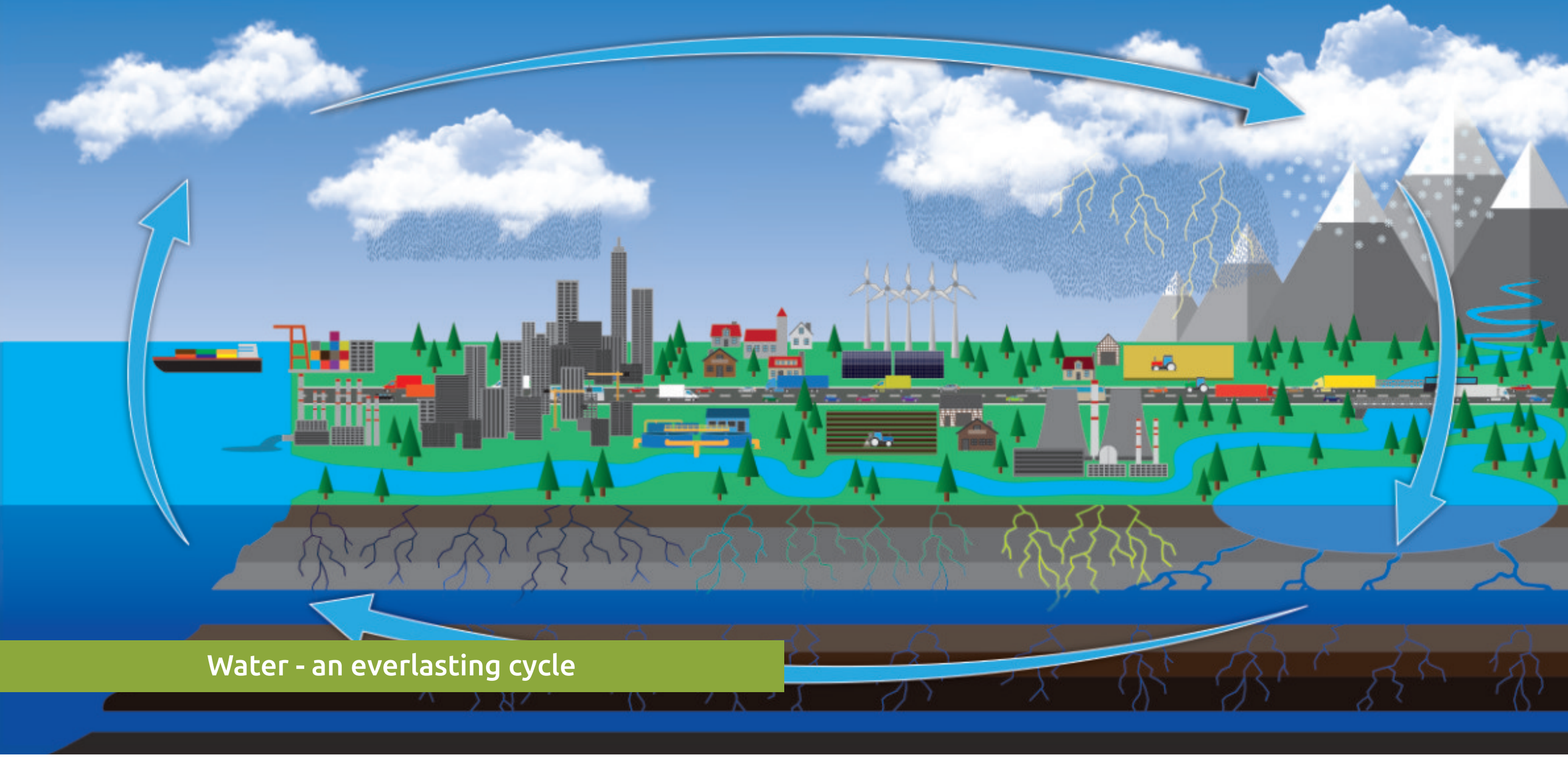
Also, many cities have a dilapidated and outdated drinking water network. Water pipes in housing estates and old buildings in need of renovation can affect drinking water quality by many unknowns. Old and worn water pipes can be an ideal breeding ground for bacteria, which can spread quickly. Bacteria and viruses in drinking water are a problem that affects private households and public facilities alike. How often do you hear and read in the media that drinking water must be boiled in some regions due to germ contamination? In 2016 alone, according to the German Federal Ministry of Health and the Federal Environment Agency, over 15 million inhabitants in Germany had to boil their drinking at one stage water because of germ contamination. The drinking water network in cities can also cause completely different health problem aside from bacterial contamination: lead or copper pipes through which drinking water is piped into buildings.

Both lead and copper can cause severe health problems. Especially pregnant women and children must be protected from lead in drinking water, as it can cause severe damage to the nervous system and intelligence development. But how can these heavy metals even get into drinking water? Lead in drinking water is still today part of everyday life in some regions.
In most cases, old lead pipes in domestic installations cause water pollution with lead. Especially in older buildings that were built before 1973, there is a possibility that lead pipes were used during construction. Only after 1973 lead pipes were no longer used in Germany.

Copper is used very often as material for water pipes. However, when the water has a low pH value, the metal can be washed off the water pipes and thus get into tap water. The heavy metal can be especially hazardous for babies. Copper poisoning can lead to severe liver damage and sometimes can even be fatal. The Drinking Water Ordinance sets a limit value of 2 mg/l tap water for copper, but this is still far too high vs. the possible damage to the human body.

In addition to all these substances, tap water can also contain other thoroughly hazardous substances such as arsenic, micro-plastics and industrial waste. Only a fraction of those is listed here. The municipal water suppliers do their utmost to filter substances out of raw water and to provide the consumers with water that complies with the drinking water ordinance. But it is also up to us to help to ensure that pure and uncontaminated drinking water is available today and in the future. Purified water - the solution can be so simple!

You can find detailed information (in German) about the Drinking Water Ordinance on the website of the Federal Environment Agency by scanning the QR code below with your smartphone.



Water - an everlasting cycle

The oceans with their vast water masses cover most of our planet. It makes them one of the most important water reservoirs on Earth. This water moves in a continuous cycle, driven and maintained by the sun and gravity. But how exactly does this cycle work?

The sun's radiation heats the water of the oceans, and water molecules rise into the atmosphere in large quantities as water vapour. On dry land, this evaporation takes place to a lesser extent, which is why the water bound in the Earth's atmosphere is not evenly distributed across the globe.

Water can remain in the atmosphere from a few hours to several weeks; on average, it lasts about nine to ten days. Due to the temperature differences between the Earth's atmosphere and surface, the water vapour cools down again and condenses, and clouds form. Winds move these humid air masses towards land. As soon as warm and humid layers of air meet cold air, the warm air moves upwards above the cold air. Rising air cools down and loses the ability to store water. The supersaturated air finally releases the accumulated water and precipitation in the form of rain, hail or snow is created. The state in which the precipitation falls depends on the ambient temperatures.

If the precipitation falls directly into bodies of water, the circle closes, and it starts all over again. Above land, however, water takes a different path. There it seeps into groundwater and via the groundwater flow, springs and rivers it returns to the oceans. Through rivers, melt-water from glaciers and snow also reach the oceans. However, precipitation that falls over a city ends up in the sewerage system and cannot contribute to the formation of new groundwater.

THIS CYCLE IS THE BASIS TO OBTAIN DRINKING WATER FROM GROUND, SURFACE AND SPRING WATER. AFTER USE, WASTE WATER REACHES SEWAGE TREATMENT PLANTS AND AFTER BEING CLEANED FLOWS BACK INTO THE RIVERS.

VISION AQUA®

- From vision to reality
- Made in Germany
- Research & Development
- Technology for pure drinking water

From vision to reality

Since 2003, VISION AQUA Technology has been offering advanced water treatment, filtering and purification systems that convert polluted and contaminated water from a wide variety of sources into ultra-pure drinking water without the use of chemicals. Our development department realises innovative ideas, and our in-house testing facilities always guarantee the highest quality standards.

Every beginning is difficult! Our experiences have made us what we are today, to be able to provide clean, pure drinking water systems that benefit us all, in more ways than one.

Our vision is to realise projects that no one else does and to become the leading brand for water filtration. We want to raise awareness of clean drinking water and are increasingly focusing on the sustainability and longevity of technology of our water filter systems. Sustainability is critical for us because a healthy environment is the source of our inspiration.

Specially selected components increase the sustainability of our reverse osmosis (RO) water filter systems. Thanks to the use of the latest technologies, we achieve ultra-pure water to wastewater ratio that is unmatched in other RO water filters. The simplicity of our RO water filter systems ensures easy repairs in the rare case something does not work as usual. The excellent energy efficiency of our RO water filter systems also provides high electricity and water savings.

WITH A TEAM OF PROFESSIONALS WHO UNDERSTAND THEIR CRAFT, WE IMPLEMENT OUR VISION TO MAKE THE WORLD A GREENER PLACE. WE BELIEVE IN WHAT WE DO AND DO EVERYTHING WE CAN TO MAKE A POSITIVE CONTRIBUTION TO SUSTAINABILITY AND LONGEVITY FOR THE COMING DECADES AND FUTURE GENERATIONS.

QUALITY OF SUPPLIED TAP WATER IN YOUR HOME NO LONGER MATTERS

The quality of supplied household drinking water varies greatly depending on the country or region. Climatic conditions, industrial and agricultural pollution are influencing drinking water quality more and more. Even if the quality of drinking water is continuously monitored, you should review the process rather critically.

The German Drinking Water Ordinance, for example, only provides for the control of a little more than 40 biological and chemical parameters.

If you assume that a good alternative to regular tap water is bottled water think again. Regularly published independent tests by various consumer protection organisations show that bottled water can also be contaminated to a considerable degree. Some bottled water manufacturers state on their labels that the water is not to be used as drinking water. But what then is a suitable alternative, and how can you be sure that you are getting clean and pure drinking water without any harmful substances?

By using a water filter made by VISION AQUA, you can be sure that all undesirable substances such as viruses, bacteria, pharmaceuticals, nitrates, pesticides, fertilisers, bisphenols, phthalates, heavy metals and other compounds are filtered from your drinking water.

PRICE COMPARISION BETWEEN VISION AQUA AND BOTTLED WATER

A water filter made by VISION AQUA gives you the security of always having enough pure and filtered drinking water available. Granted, buying a water filter is initially costly, but it's an investment that will pay itself off in no time. In the example below, we show you how much money you can save per year with a VISION AQUA water filter.

Bottled water
1 l = 0,25 €
One person drinks 3 l per day
Source of water price per litre
Onlineshop Aldi Süd AQUA SELECT
Calculation for a household of 4 persons
4 persons 3 l bottled water = 12 l per day
12 l x 0,25 € = 3,00 € per day
3,00 € x 30 days = 90,00 € per months
90 € x 12 months = 1.080,00 € per year

VISION AQUA
1 l = 0,003 €*
One person drinks 3 l per day
Source of water price per litre
Municipal utility Munich
Calculation for a household of 4 persons
4 persons 3 l bottled water = 12 l per day
12 l x 0,003 € = 0,036 € per day
0,036 € x 30 days = 1,08 € per months
1,08 € x 12 months = 12,96 € per year

If you compare the cost of bottled water for a 4-person household of 90, - € per month with the purchase of a VISION AQUA water filter system including VA Care package of 60, - € per month, there is a monthly difference of 30, - €. Projected over 10 years, you can save up to **3.600,- €** with a VISION AQUA water filter system and always have enough pure drinking water available!

*1,8 l litres of taps water are required to produce 1 l of filtered drinking water. The 1,8 l tap water is multiplied with the water price of the respective water supplier. You can find the current water price per litre from your municipal water utility.

Carbon footprint bottled water
1 l = 210 g CO_2 ** ^= 0,21 kg
12 l x 210 g = 2,52 kg CO_2 pro day
2,52 kg x 30 days = 75,6 kg CO_2 per months

Carbon footprint VISION AQUA
1 l = 0,63 g CO_2 ^= 0,00063 kg
12 l x 0,63 g = 0,00756 kg CO_2 per day
0,00756 kg x 30 days= 0,2268 kg CO_2 per months

If you compare the carbon footprint of bottled water and Vision Aqua filtered water, you get a saving of 75.37 kg CO2 each month with a VISION AQUA water filter system. Extrapolated over ten years, this results in a total of **9.044,44 kg CO_2- savings.**

** YOU CAN OBTAIN THE REQUIRED INFORMATION ABOUT THE CARBON FOOTPRINT OF BOTTLED WATER BY SCANNING THE QR CODE WITH YOUR SMARTPHONE.

IF YOU SCAN THE QR CODE WITH YOU SMARTPHONE, YOU WILL BE TAKEN DIRECTLY TO THE PRICE LIST OF MUNICH MUNICIPAL WATER.

Made in Germany

Today only quality counts. This thought drives us daily, because our customers expect quality from our products - quality Made in Germany to be precise. With innovations well thought-out down to the smallest detail, we manufacture water filter systems in Germany that are made for the future. Our customers can rely 100% on the fact that Made in Germany is included where the name VISION AQUA is on.

First introduced by the British in 1887 as a warning for products of inferior quality, the lettering „Made in Germany“ has developed over time into the epitome of quality. The seal was intended to force German products of the market, but the opposite happened. German producers improved the quality of their products considerably towards the end of the 19th century, and many buyers realised that products made in Germany were by no means inferior. On the contrary - consumers increasingly resorted to goods from Germany, which was one of the reasons for the explosive growth of the German economy at the end of the 19th and beginning of the 20th century.

Today, „Made in Germany“ is a seal to which not only many companies, but also consumers at home and abroad attach great importance. Because Germany, as a country of poets, thinkers, engineers, and outstanding entrepreneurs, has been one of the pioneers of technological and ground-breaking inventions for decades.

It was a logical step that VISION AQUA chose Germany as the production site for its water filter systems. In a small town in tranquil Upper Bavaria, we are manufacturing water filter systems of the latest generation. For the VISION AQUA team, „Made in Germany“ is not just a simple indication of the place of manufacture of their products, but rather a lived attitude.

All employees, from company management, team leaders, sales staff to production employees, work hard every day to meet the high standards of „Made in Germany“. And it is both the authorized retailers and our final consumers who benefit from this. You can rely on the fact that VISION AQUA in its water filter systems produces German brand quality to the best of its knowledge and belief of „Made in Germany“.

Research & Development

Our customers expect something special from our water filter systems. For this reason, our employees in our in-house R&D department develop concepts that meet the high-quality standards of our customers daily and further differentiate ourselves from competitors. In this way, production technologies become more modern, production processes more efficient, and product quality improves continously.

One of the essential pillars of VISION AQUA is research and development. It is where we realise the ideas and concepts for water filter systems are unparalleled in the market. You don't have to reinvent the wheel constantly, but without innovative ideas and thinking outside the box, sooner or later you will reach the point of absolute standstill. Freely after the slogan: „If you rest, you rust!

It is of course to the benefit of VISION AQUA's customers, because an ever-developing market with ever new technologies - and unfortunately also increasing water pollution and contamination - continuously drives our research to develop ever more effective water filter systems.

In research, the newly acquired knowledge is applied for the first time in the development of our systems. Ever new materials and technologies ensure improved manufacturing processes and continuous further development of our water filter systems. In addition to the development of new filter systems and products, our research and development team is also conducting basic research.

In an economic sector that is continually evolving and facing increasingly fierce competition, we use technological innovations as a means of differentiation to establish and consolidate the VISION AQUA brand. We implement new production methods to improve our manufacturing processes, and develop new product technologies to provide new functions for our products.

Our work continues and we are looking forward to what the research and development team of VISION AQUA will come up with in the future. Because nothing is impossible.

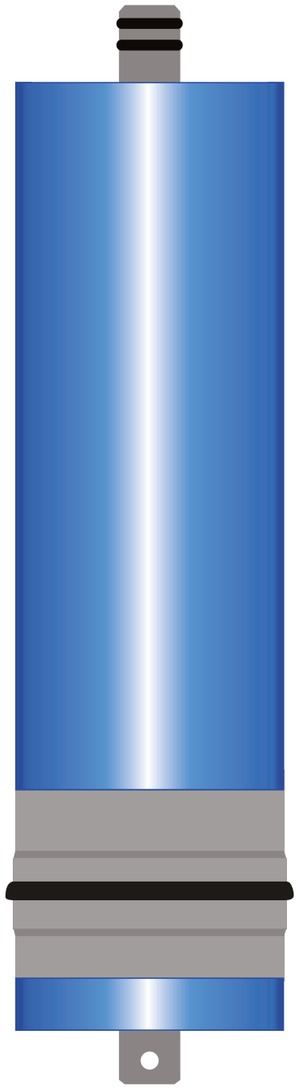
Technology for pure drinking water

Pure drinking water should be available to everyone. However, our drinking water is exposed daily to substances that contaminate it. But how is it possible to obtain pure drinking water? One possibility is molecular filtration based on reverse osmosis. With this technology, up to 99% of all substances are removed from drinking water and almost pure drinking water is produced.

The term osmosis describes the process of concentration equalisation of two liquids through a selectively permeable membrane. It results in an unequal amount of water on either side of the membrane. This process occurs in nature and all living beings.

During drinking water treatment, this process of concentration equalisation is used in the opposite way to produce pure drinking water. By applying sufficiently high pressure, the flow direction of water can be influenced to achieve almost complete separation of harmful substances from water. A solution containing foreign substances is pressed onto the membrane, which with its pore size of 0.3 nanometers is only permeable for water molecules. A water molecule has a maximum size of 0.28 nanometers. It explains why reverse osmosis is also known as molecular filtration. Beyond the membrane, almost entirely clean water collects, while the substances dissolved in the water that cannot pass the membrane are retained and flushed out of the system via the drain.

Pure water is similar in composition to rainwater and is what our body can best tolerate and use. It serves primarily to purify and break down substances that must be removed from our body.



THROUGH THIS TECHNIQUE IT IS POSSIBLE TO RESTORE WATER TO ITS ORIGINAL STATE, WHICH IS SIMILAR TO NATURAL WATER AS IT WAS 1,000 YEARS AGO.

MEMBRANE TYPES AND DIFFERENCES

Molecular filtration uses many membrane types with different qualities. Wrapping foil type membranes are used most frequently. The two most common membrane types are CTA and TFC membranes. However, both differ enormously in their price-performance ratio.

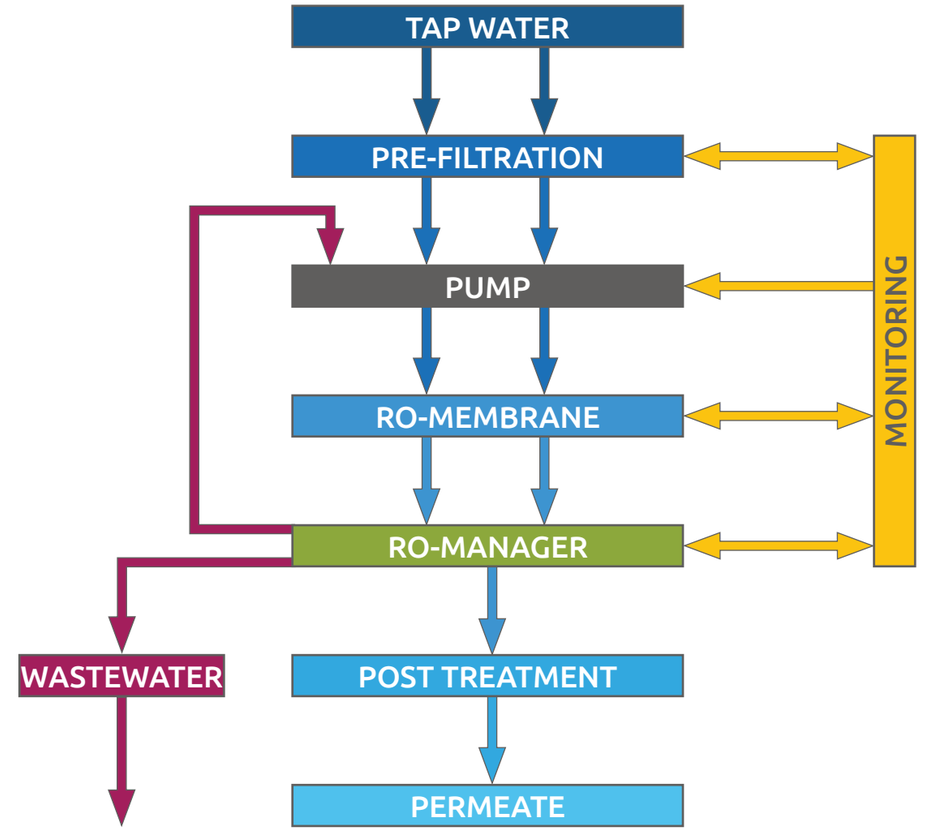
CTA membranes are so-called cellulose triacetate membranes and are basically made of paper since cellulose is the most important raw material for paper production. In continuous use, the lifetime of such membranes is limited to a maximum of 12 months. It must be replaced at the latest when they can no longer provide adequate filtration performance. Depending on the quality of the input water, the membranes may have to be replaced more frequently. The question, therefore, is: do you want to buy a new membrane for your water filter every year, or would you instead focus on quality?

Membranes of much higher quality are the TFC membranes. TFC is the abbreviation for thin-film composite. These have a much higher filtration performance and a much longer lifetime than CTA membranes. TFC membranes can, depending on the area of application and input water quality, operate at a consistently high level and filter water for several years.

Only the original Dow® FILMTEC™ TFC osmosis membranes are used in VISION AQUA water filter systems to guarantee the quality of drinking water that makes VISION AQUA so unique.

OPERATION OF A MOLECULAR FILTER EXPLAINED

As already mentioned, drinking water treatment uses this technology. But how exactly do the water filter systems used for this purpose work? In general, this filtration principle can be summarised in three steps:



1. Pre-filtration of tap water

The cold tap water flows through the sediment pre-filter, where mechanical impurities such as rust particles, sand, dust particles and other visible and invisible deposits are separated. At the same time, the activated carbon embedded in the sediment binds gases such as chlorine, hydrocarbons and ammonium compounds.

2. Molecular filtration through a membrane

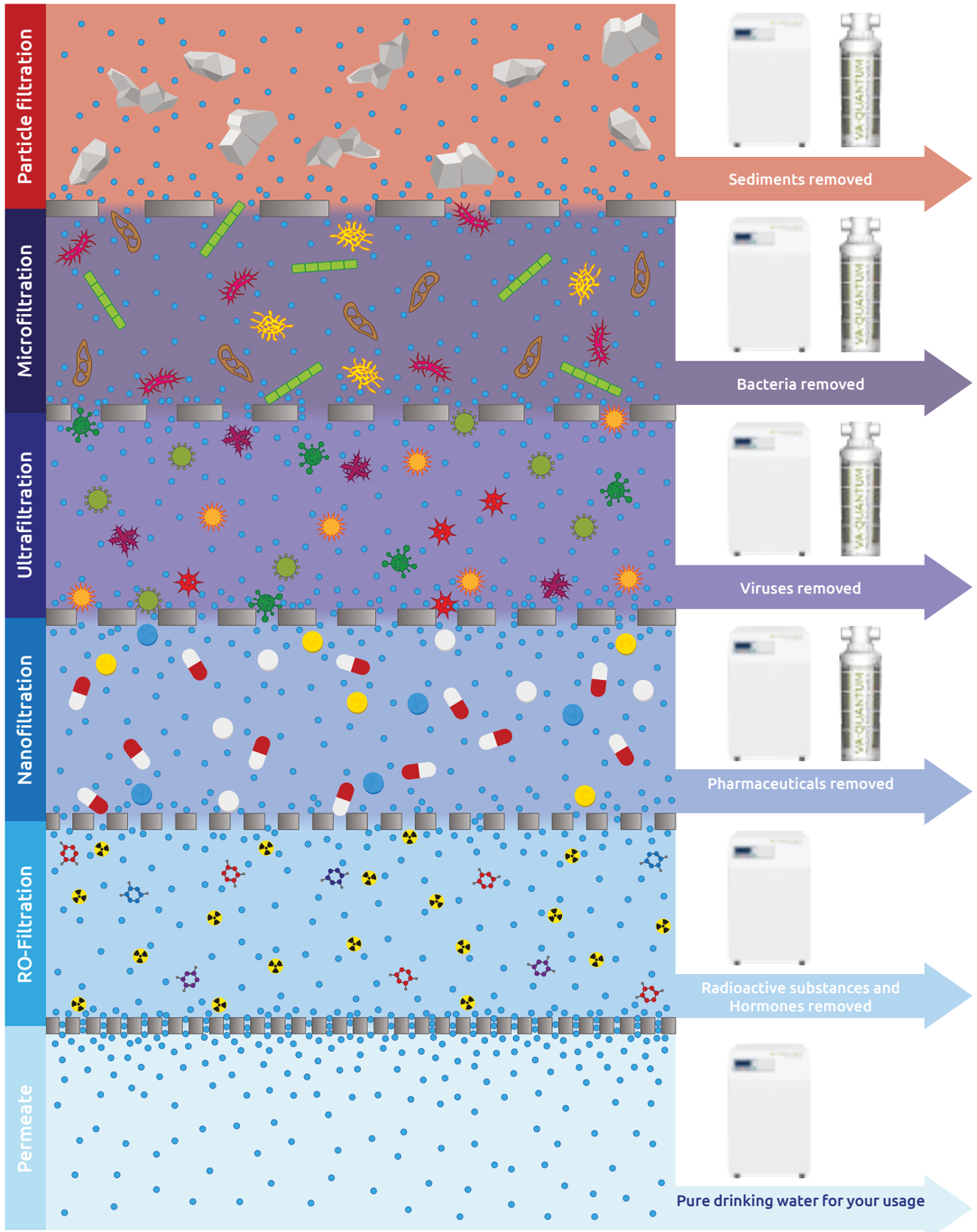
The membrane separates dissolved solid compounds such as calcium carbonate, chlorides, nitrates etc. as well as solid and liquid organic compounds from the water flowing under pressure according to the principle of reverse osmosis. Separated water, in which foreign substances are concentrated, is discarded into the drain.

3. Post-filtration treatment of drinking water

In the third step of drinking water treatment, the purified water is treated with a post-filter. It consists of an activated carbon filter that removes inert gases such as chlorine from the water. After this process, all unwanted substances have been removed out of the drinking water.

WHAT IS FILTERED FROM WATER?

The following overview provides information about what is filtered out of the input water in the individual filtration stages and which of our water filter systems can achieve which filtration stages.

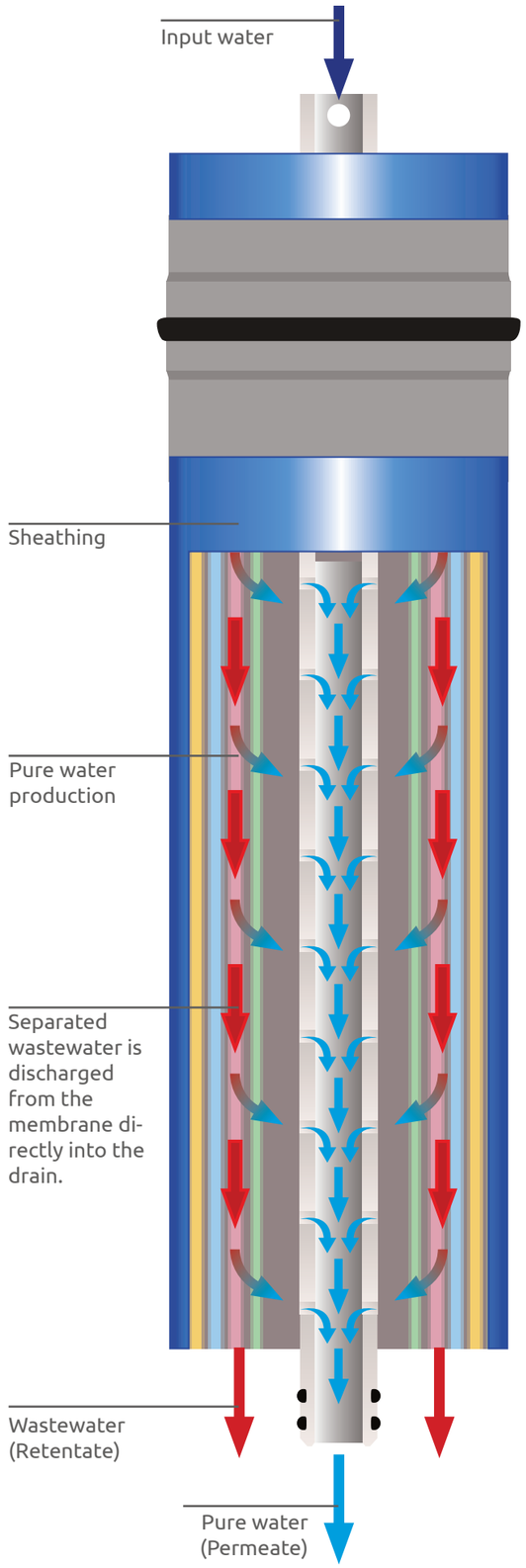


MEMBRANE OPERATION IN DETAIL

There are many methods to filter water, but molecular filtration with a reverse osmosis membrane is the only way to produce pure drinking water that is up to 99% free of all foreign substances. The input water flows into the rear part of the membrane and fills it helically. The resulting pressure pushes the water inside against the membrane layer and cleans it. The cleaned water flows in the wrapping direction of the membrane layer to the outlet pipe and reaches the consumer in pure condition.

The mechanical construction and the function of a reverse osmosis membrane are shown here in detail. The membrane chambers are separated by colour for a better overview.

MEMBRANE CHAMBER DETAIL



VISION AQUA®

- The kitchen
- Products
- Sustainability
- Our Onlineshop

The new living room in your home - The kitchen

Until a few years ago, the living room was the centre of the home. The kitchen was used mostly just for cooking. Slowly but surely, the kitchen is increasingly becoming the central place for family and friends to be together.

The kitchen has now become the centre of life again. Not only do people eat, drink, cook and bake here, they also spend time with their families and loved ones. And sometimes we just proudly present our new kitchen to our friends and relatives. Your kitchen is one of the places in your home where you have direct access to our drinking water. But no two glasses of water are alike. Due to regional conditions, drinking water in Bavaria tastes different than, for example, in Berlin.

Usually, drinking water received from your municipal water utility meets the quality requirements of the Drinking Water Ordinance. However, many undesirable substances in water are not covered by the Ordinance, and some experts consider set limits too high. Also, addition, tap water contains, depending on its origin, strongly varying concentrations of for example salts and lime.

THANKS TO A VISION AQUA WATER FILTER, THE QUALITY OF TAP WATER IS NO LONGER IMPORTANT. THANKS TO HIGH-QUALITY COMPONENTS YOU ALWAYS GET PURE DRINKING WATER FOR YOURSELF OR HOUSEHOLD APPLICATIONS.

PLEASANT AND VERSATILE

Pure drinking water is the ideal thirst quencher and ideal for the internal cleansing of the body. A fresh glass of water has a positive effect on body and soul. It is this incredible feeling when you take the first sip and immediately know how beneficial pure drinking water is. You notice the difference to conventional tap water immediately and, after drinking purified drinking water, you don't want to drink anything else. Even pets notice the difference to regular tap water. They will always choose the purified water over tap water when given a choice.

Pure drinking water is not only used as a thirst quencher. It offers you far more options to use. Pure water is ideal for the preparation of food and beverages. But you can also use it in your household. The lifespan of your home appliances increases because pure water is softer, and limescale can no longer settle. Plants that are watered with pure water grow faster and more vigorously.

PREPARING FOOD AND DRINKS WITH PURE DRINKING WATER

Water is the most important and essential ingredient when preparing our food and beverages - washing, rinsing, soaking, cooking, boiling, cleaning, sanitising. Your dishes and drinks start with water in most cases. The water should be as pure as possible so that the flavours of the ingredients can unfold to the full extend. Pure water can absorb all the information it comes into contact with. You may have to change the dosage of your spices completely different when making your favourite food, then when you prepare the same dish with regular tap water because the taste is much more intense.

COFFEE AND TEA – EXPERIENCE PERFECT ENJOYMENT

Water quality has a decisive role when making coffee and tea, because the purer and softer the water, the better you will enjoy the delicate aromas and fruity flavours of the beverages. If, for example, the lime content of the water is too high, the mild acidity is lost, and the coffee tastes bland. Also, coffee develops an undesired taste when made with saturated water. However, the water should not be too soft either because otherwise the acids of the coffee are emphasized too much. With a degree of hardness of 8° dH, you get a coffee that is considered ideal by most coffee connoisseurs. Water quality also plays a vital role in the preparation of tea. Purer and softer water, with which the tea is prepared, will better emphasize the aromas of the tea. If you use saturated and relatively hard water, the lime binds the taste-forming acids, and thus, tea does not develop its full flavour.

HARDER AND CLEARER ICE CUBES THAT MELT MORE SLOWLY

Ice cubes made with our pure drinking water differ significantly from ice cubes made with regular tap water. If you use the purified drinking water from VISION AQUA, you will get crystal-clear ice cubes that melt much slower in your drink and do not distort the taste of the drink. In contrast, ice cubes with regular tap water are often soft, have milky inclusions and often leave flaky sediment remains in your cold beverage.

PURE WATER FOR YOUR HOUSEHOLD APPLIANCES

Hard water clogs household appliances that need water and limescale deposits can form very quickly. The performance and life expectancy of the devices decreases, and you need an unnecessary amount of descaling chemicals. However, if you operate your household appliances with purified water, your appliances work more efficient and have a longer lifespan.

SAVE DETERGENT AND FABRIC SOFTENER

Save up to 70% detergent if you use the soft, pure water of our water filter systems for your washing machine! You can even omit fabric softener completely thanks to the soft, purified water. Your dishwasher will also thank you for using pure water. Rinse aid and softening salt is no longer needed in the future and, thanks to the pure water, dishes and glasses will shine like new after a wash – and the environment benefits, too. Most important: the lifespan of your household appliances increases drastically with the use of our pure drinking water to protect the washing machine or dishwasher.

Additionally, you can install our VA-Quantum modular water filter with a limescale insert in front of your washing machine or dishwasher. It filters up to 85% of lime out of the input water.

You can imagine it, we build it

From modular water filter systems to the latest generation of reverse osmosis water filters, we offer our customers drinking water treatment systems that go far beyond the standard and are prepared for any water situation.

All components of our water filter systems, starting with the housing and the pre-filters to the heart of the system - the reverse osmosis membranes - are of the highest quality. Nothing is left to chance here, because in the end quality always pays off and makes the difference between an ordinary water filter and a high-end product.

WATER FILTER SYSTEMS FROM VISION AQUA PRODUCE THE PUREST AND FRESHEST DRINKING WATER YOU HAVE EVER DRUNK.

Besides water filter systems for private households, we also produce systems for the catering, industrial and medical sectors. In these sectors it is important to ensure that the systems meet the enhanced requirements. Thus, we offer our customers individual solutions, especially for their field of activity and in individual sizes to be able to produce any required amount of water.

Our water filter systems are, thanks to the high-quality components, able to filter up to 99% of all unwanted substances from the water. These include substances such as metals, herbicides and pesticides, nitrates, chlorides and hydrocarbons.

COMPACT SOLUTIONS FOR EVERY WATER SITUATION

The compact design of the VISION AQUA water filter systems allows installation even in the smallest kitchens. The systems can be installed wherever a standard cold-water connection is available. In addition to the preferred location under the kitchen sink, installation in a side cabinet, in the basement or a storage room is also possible. The only thing to be considered is that the withdrawal tap is not too far away from the water filter system.

OUR CUSTOMERS ARE OUR FOCUS

The installation of our water filter systems is easier than you might think. All inlets and outlets are arranged in the housing so that nothing protrudes and for quick, easy access. Only the tube connections of the system with the quick-release coupling system must be attached. The design of all connections of the systems allow installation in any area under the sink.

The focus of our water filter systems is on the customer-friendly operation. Thanks to the modern Push & Click method, you can change the filter cartridges in a short time and without any additional tools. This is unlike other manufacturers where the filter housings can only be opened with an extra housing key.

The modern control unit informs you about the status of the system. You will always know exactly when, for example, a filter change is due. The software is continually being developed further and is easily and quickly updated via a corresponding interface on the housing. This keeps the water filter systems always up to date.

STATE OF THE ART DRINKING WATER PRODUCTION

Two processes are crucial to the success of our water filter systems: The Direct-Flow technology and the rinse water recovery.

The term „Direct-Flow“ refers to the production of drinking water by a water filter system without storage. The drinking water is produced on the spot during extraction and reaches the consumer directly after a few seconds of permeate rinsing. Thanks to the state of the art technology, VISION AQUA water filter systems can produce up to 2.3 l of purest drinking water per minute, depending on the inlet water temperature.

Part of the water separated by the reverse osmosis membrane is recycled and re-filtered to produce pure drinking water. Thus, you reduce water consumption and your costs.

HIGH-QUALITY COMPONENTS THAT MAKE A DIFFERENCE

The housing is one of the most essential parts of our water filter systems since it carries all components. It is important not to make savings at the wrong end and that all components are secured. For the private sector, our water filter systems have an aluminium housing. However, depending on the application, stainless-steel housing is also available. A special industrial laser cuts all parts of the housing with the highest precision.

In drinking water treatment, special attention must be paid not only to mechanical quality but also to health aspects. For this reason, all tube, plug and screw connections in our water filter systems come from John Guest, a renowned manufacturer of drinking water and air pressure connections. These consist of food safe materials and are approved for drinking water treatment. The same applies to the reverse osmosis membranes used. Here only original Dow® FILMTEC™ osmosis membranes are used. Only these can provide the performance required for our water filter systems and guarantee a consistently high quality of drinking water.

For the final component, the tap, we make sure that it complies with the required norms and standards and is completely free of substances that are harmful to health. All our fixtures are made of 100% 304 stainless-steel. We do not use any alloys that contain heavy metals and can release them into the purified drinking water to avoid the risk of gradual poisoning.

ALWAYS SUFFICIENT DRINKING WATER AVAILABLE

Even though our Direct-Flow water filter systems can produce up to 2.3 l of purest drinking water per minute, there are still situations where you need a little more water quickly. Some washing machines and dishwashers require a larger amount of water while starting the washing process, which must be available immediately. In such cases, it is possible to connect external drinking water storage tanks to the systems. Suitable storage tanks can be provided on demand and a retrofitting with these is possible without any problems.

QUANTUM – THE COMPACT ALLROUNDER

Thanks to its compact design, the Quantum is ideal for use in kitchens and takes up little space under the sink. The supplied mounting bracket makes installation and filter change considerably easier. The sustainable and environmentally friendly concept of the Quantum allows maintenance without additional tools.

The cartridge cylinder is opened and closed again by the innovative Push & Click method. An automatic water-stop in the system ensures a dry filter change. All in all, maintenance of the Quantum takes less than three minutes.

What makes the Quantum so special is not only its simplicity but also its modular applications. Up to five filter inserts are available, which can be installed individually or combined freely. Thus, there is always the right filter for every drinking water situation.

VERDANIUM HOME – DIRECT-FLOW ON A NEW LEVEL

The next generation of direct-flow molecular filters! Its uncompromising design, and high performance characterise the Verdanium Home. By using quality membranes from Dow® FILMTEC™, its water production performance is unparalleled for its size.

Thanks to its small, compact design the Verdanium Home fits into small spaces such as kitchens. The connections are offset inwards under the system and therefore hidden, saving even more space in the kitchen cabinet. The maintenance of the system has been reduced to a minimum and usually takes no longer than 10 minutes. Due to the Push & Click method during filter change, the system does not need to be laboriously removed and reinstalled. The high- volume flow of ultra-pure water also allows modern washing machines and dishwashers to operate without an additional storage tank*. The additional rinse water recovery reduces the wastewater and lowers the operating costs by approx. 25 % to 40 %.

Carefully selected and installed components of the Verdanium Home ensure a ratio of ultra-pure water to wastewater of 1:0.8, which means that to produce one litre of ultra-pure water, only 0.8 l of wastewater is incurred. Manufacturers of other molecular filter systems usually create a ratio of ultrapure water to wastewater of 1:2 or more.

*Must be confirmed depending on the type of washing machine and dishwasher.

Sustainability has a higher priority

Regularly we hear or read in the media that finally somebody must be doing something for the environment. Sustainability is much more critical today than it was ten or twenty years ago. But often we are overwhelmed by the amount of information, and do not realise what each of us can do towards a positive ecological balance.

YOU NO LONGER NEED TO BUY BOTTLED WATER

In Germany alone, around 17 billion disposable plastic bottles are sold every year. After use, many are not returned for recycling and end up as waste in our rivers, lakes and seas, where they then survive for several centuries and damage our ecosystem. The oceans are already drowning in plastic waste. In the Pacific Ocean alone, a plastic island with an estimated size of about 700,000 to more than 15,000,000 km2 is drifting. For comparison: The European continent has an area of 10,180,000 km2.

Fish and seabirds mistake the small plastic particles for food and eat them. Since plastic provides no nutrition, they then starve to death. Fish caught for human consumption but contaminated with micro-plastics may result in the involuntary digestion of plastic by us.

Bottled water consumes large amounts of energy and raw materials until it is processed, filled, and packaged, loaded and transported to wholesale or retail outlets. Each trip by car to the supermarket by the retail constomer to buy bottled water means that energy is consumed. The disposal of the empty bottles is then a further step in this vicious circle of energy consumption. Although the usage of reusable bottles is better than disposable plastic bottles, they too have to be transported and cleaned, further adding to the use of energy and chemicals.

YOUR OWN DRINKING WATER SUPPLY AT HOME

By using a water filter from VISION AQUA you can stop buying drinking water in the shops - which, at a daily intake of 2 -3 l of drinking water per person must be done frequently. Water crates or shrink-wrapped water packaging no longer needs to be dragged from your car to your home. Transporting bottled water is eliminated; you reduce CO2 emissions in addition to the cost of gasoline. Your drinking water source is available in the kitchen at any time of day or night.

SAFETY

Worries about drinking water quality and bad news in the media about drinking water contamination with harmful substances and bacteria are now finally a thing of the past. You can be sure that with a water filter from VISION AQUA you get only pure drinking water. Thanks to molecular filtration, all foreign substances in the water are up to 99% removed. What remains is pure H2O in its purest form.

The Onlineshop - Everything in one click

You are convinced of the VISION AQUA quality and would like to use pure drinking water at home or work? In our online store, you will find all VISION AQUA products you need and much more.

PURE DRINKING WATER WITH ALL ITS ADVANTAGES IS ONLY A FEW CLICKS AWAY

In our online store, you will find everything you need for your own water filter. All products are clearly listed and easy to find. The water filter systems can be configured according to each customers requirement. You will find the respective information material such as data sheets and instruction manuals as PDF files for download. In addition to the individual water filter systems, you will also find all necessary filter sets, spare parts, and many other offers.

PAYMENT AND FINANCING

You have chosen the water filter of your dreams and now it is time to pay. We offer you the right payment method for every life situation. No matter if you want to pay in advance, via PayPal, purchase on account or by financing the filter.

AUTHORISED RETAILERS

Are you considering buying a water filter from VISION AQUA for your home, business, or organization? Are you still unsure or would like a no-obligation consultation before making such an investment? No problem! Using our retailer search you can quickly and easily find a suitable partner in your area who will advise and support you.

INTERACTIVE DRINKING WATER NEWS

Unfortunately, reports about drinking water contamination have been accumulating recently. We provide you with an interactive map with news and messages about drinking water on our website. Here you can find out if there are problems with drinking water in your region.

ANSWERS TO FREQUENTLY ASKED QUESTIONS AND FURTHER INFORMATION

Besides our product range, the VISION AQUA online store offers a wide range of information. In our FAQ and Blog area, we answer the most frequently asked questions concerning drinking water. Targeted, factual, and easy to understand, answers and information on the subject of drinking water is constantly being expanded. For example, is there an excerpt from the current drinking water ordinance? Answers to these and other questions can be found easily in our online store.

Finanzierungsmöglichkeiten & VA-Care

Der Kunde steht bei uns klar im Fokus. Aus diesem Grund bieten wir zahlreiche Möglichkeiten für den Erwerb unserer Wasserfiltersysteme. Mit großzügigen Laufzeiten bis zu 120 Monaten bieten wir Finanzierungen für jede Lebenslage an. Auch die Sicherheit unserer Kunden kommt nicht zu kurz. Mit dem VA-Care rundum-sorglos-Paket erhalten Sie sich Ihre Garantie und der jährliche Filterwechsel ist im Paket inklusive.

Wir wissen, dass Geld nicht auf Bäumen wächst und je nach Lebenssituation und -standard haben auch unsere Kunden unterschiedliche Einkommen. Für uns steht der Kunde im Mittelpunkt und wir möchten sicher stellen, dass jeder die Chance hat täglich reines Trinkwasser zu erhalten. So bieten wir für unsere Kunden und diejenigen, die es noch werden möchten, eine faire Finanzierung zu fairen monatlichen Raten bei einer Mindestlaufzeit von 12 Monaten beim Kauf unserer Wasserfiltersysteme an.

Finanzierungsmöglichkeit für die VISION AQUA-Wasserfiltersysteme:

Laufzeit	Monatliche Rate
60 Monate	ab 77,- €
72 Monate	ab 66,- €
84 Monate	ab 58,- €
96 Monate	ab 56,- €
108 Monate	ab 52,- €
120 Monate	ab 48,- €

Die genauen Laufzeiten und monatlichen Raten zur Finanzierung finden Sie in unserem Onlineshop.

VA-CARE – DAS RUNDUM-SORGLOS-PAKET

Mit dem rundum-sorglos-Paket VA-Care bieten wir für unsere Kunden einen besonderen Service an. Erhalten Sie sich die Garantie Ihres RO-Wasserfiltersystems für die nächsten fünf Jahre, mit einem kostenlosen, jährlichen Filterwechsel und zwei Umkehrosmose-Membranen inklusive. Im Falle eines Defekts, wird Ihr RO-Wasserfiltersystem binnen 72 Stunden repariert.

Finanzierungsmöglichkeit für ein VISION AQUA-Wasserfiltersystem + VA-Care:

Laufzeit	Monatliche Rate
60 Monate	ab 96,- €
72 Monate	ab 82,- €
84 Monate	ab 73,- €
96 Monate	ab 70,- €
108 Monate	ab 65,- €
120 Monate	ab 60,- €

Die genauen Laufzeiten und monatlichen Raten zur VA-Care finden Sie in unserem Onlineshop.

WEITERE INFORMATIONEN ZU DEN FINANZIERUNGSMÖGLICHKEITEN, GENAUEN RATEN UND DER VA-CARE ERHALTEN SIE BEI IHREM FACHHÄNDLER ODER IN UNSEREM ONLINESHOP.

Jobs & Karriere

Der Erfolg eines Unternehmens wird nicht nur an den Umsätzen bemessen. Es sind vielmehr die Menschen, die den Erfolg ausmachen. Bei VISION AQUA sind unsere Mitarbeiter mit ihrem Know-How, Engagement, ihrer Verlässlichkeit und Kreativität der Erfolgsfaktor. Wenn auch Sie ein Teil des VISION AQUA-Teams werden möchten, dann haben Sie jetzt die Chance, sich bei uns auf unsere ausgeschriebenen Stellen zu bewerben.

VISION AQUA bietet Ihnen die Möglichkeit am Erfolg des Unternehmens teilzuhaben. Wie das geht? Wir haben die Produkte, die jeder braucht. Jetzt fehlen nur noch Sie! Als lokales Unternehmen, das Trinkwasser-Aufbereitungsanlagen entwickelt und produziert, haben wir Wachstumsambitionen im nationalen und internationalen Raum. Wir suchen motivierte Verkaufspersönlichkeiten (M/W/D) für den Außendienst als Nebentätigkeit oder Vollzeit.

Sie sind für den Verkauf geboren und erst zufrieden, wenn ein Verkauf abgeschlossen ist? Einem Eskimo können Sie sogar einen Eisschrank verkaufen? Dann sind Sie genau die richtige Person für uns. Jetzt ist der ideale Zeitpunkt um durchzustarten und auf der Welle des Erfolgs mitzuschwimmen, denn Prognosen im Bereich der Trinkwasseraufbereitung sind ausgesprochen positiv.

Setzen Sie mit unseren Produkten ein Zeichen für sich, zukünftige Generationen und den Planeten und werden Sie Mitglied der VISION AQUA-Familie.

DAS SOLLTEN SIE MITBRINGEN:

Sie sind kommunikativ, haben Spaß am Umgang mit Kunden, überzeugen durch ein hohes Engagement sowie ein kundenorientiertes, freundliches und begeisterndes Auftreten. Idealerweise haben Sie bereits Erfahrungen im Vertrieb gesammelt und besitzen verkäuferisches Talent.

WIR BIETEN IHNEN:

Einzigartige, innovative und qualitativ hochwertige Wasserfiltersysteme aus Deutschland. Eine vernünftige Work-Life-Balance dank freier Arbeitszeiteinteilung um die Arbeit und Familie unter einen Hut bringen zu können. Arbeiten Sie ganz bequem von Ihrem Wohnort aus. Sehr gute Verdienstmöglichkeiten ohne eigenen Kapitalbedarf runden unser Angebot ab.

Nach einer intensiven Einarbeitung können Sie das neu erworbene Wissen sofort anwenden und loslegen.

Um gewährleisten zu können, dass Sie unsere Produkte auch direkt verkaufen können, distanzieren wir uns strikt von Multi-Level- und Netzwerk-Marketing.

SIE SIND INTERESSIERT? DANN KONTAKTIEREN SIE UNS JETZT!

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