

EVA Advanced Water Filtration System



From tap water to spring water

→ The benefits of filtered water

Water makes up 65% of an adult's total body weight. Healthy adults need between 1½ and 3 litres of water per day. Water is essential for the body's growth and maintenance, so drinking healthy water is vital to good health. Filtered tap water offers great benefits:

- **Improved taste:** your tap water may contain impurities. EVA water filters improve the odour and taste of tap water, therefore bringing out the full aroma and flavour of tea, coffee and soft drinks. Using the water filter may improve the colour and texture of food cooked with filtered water.
- **Protect yourself:** drinking contaminated water (lead, chlorine, mercury, aluminium...) can leave you feeling unwell. EVA water filters effortlessly remove heavy metals and also harmful bacteria so your water stays as pure as possible.
- **Prevent lime scale:** EVA water filters prevent lime scale from building up in your kettle, conserving energy and saving money.
- **Help the environment:** bottled water and other filtration systems are expensive in terms of water loss, electricity, transport and plastic waste. There is absolutely no waste with the EVA filtration system.

→ EVA Advanced Water Filtration System

The filter: the most complete filter cartridge in Europe. Its volcanic rocks remineralise water: EVA Advanced Water Filtration technology offers you re-mineralised water as good as the best natural waters...

Thanks to its unique filtration process, the volcanic rocks on different levels of filtration release a mineral complement rich in trace elements essential for a good physiological balance.

Selected and extracted from regions far away from human pollution, the EVA rocks diffuse a number of minerals into the filtered and purified water. These rocks also help with the stabilization of the pH level of the water after filtration. With its 8 stage filtration and re-mineralisation process, EVA produces safe, great tasting water, close to that of natural water found in mountain springs.

→ Everyday issues with tap water

The tap water we use every day for drinking (making tea, coffee, cordials...) or cooking (boiled vegetables, pasta, rice, fruits...) can carry harmful substances (lead, chlorine, mercury, aluminium, cadmium, fluoride...) which can gradually build up inside the body. Even in tiny quantities, these are unhealthy: some substances such as nitrates can be very dangerous.

There are numerous examples of pollution in European countries, such as cases where cattle or industrial pollution accidentally disperse organic elements into the ground. These elements, after chemical degradations and seepage, end up in the ground water, all of which have consequences for the pollution of tap water.

Some harmful germs (salmonella, E.coli...) can under certain conditions, pass through the common tap water filtration processes... For this reason some consumers do not see water filtration products as luxury goods, but as compulsory items to have at home.

→ The importance of the pH level in water

The pH level of water is very important for the body's well-being as well as for the assimilation of nutrients and other vital vitamins and minerals.

The human body has a natural pH level of 7.4. This level must be maintained for it to function properly. If, for whatever reason, the level becomes too acidic or alkaline, the body automatically tries to return to its natural level. The consumption of acidic water - that is, water which contains an inferior level of minerals, chlorine, sulphates or nitrates - as well as acidic food, can temporarily hinder the body. Excess acid in the body has been shown to weaken the immune system. The consumption of a more alkaline water may help restore the body's natural balance. When the body tries to regulate its pH, it may delve into its mineral reserves or store the acid in muscles or fat.

Most medical bodies or biologists agree that the main benefit of having an alkaline pH (above 7) is to prevent the destruction of enzymes contained in saliva, which would be eliminated by acidic water (with a pH below 7).

Generally, you will find that highly purified waters (even re-mineralised) will have a pH below 7. Water from subterranean springs that hasn't been chemically treated or modified should have a pH between 7.2 and 7.8 – the ideal range for good health.

The EVA Advanced Water Filtration System helps regain this purity by making tap water alkaline (see scientific analysis on page 18).

→ What you should check before buying a water filtration system

To ensure a good quality, effective water filtration process there are some essential elements to check:

- The **ceramic filter** is very important since this is the first step of the water filtration process. The optimum pore size is essential. The smaller the pores (in tenths of microns), the more effective they are at filtering harmful germs.
- **Minerals** are important for good quality spring water. The more diverse they are, the more effective they will be in removing impurities e.g heavy metals and adding back the beneficial nutrients your body needs.
- **Speed of filtration:** the more time it takes, the better and purer the water will be...
- **No nano-silver technologies.**
- The **guarantee:** the longer it lasts, the more reliable the product is. The same applies to the product. A mark of quality and reliability is a product certified with recognised European certifications.

→ Why choose EVA water filtration system?

The EVA Advanced Water Filtration System is an effective product that turns ordinary tap water into purified spring water using only the power of gravity. EVA provides clean, great tasting filtered water, from the moment the water passes through EVA's ceramic filter pores (0.2 of a micron/ micrometre, where 1 micron is 1/100 the diameter of a human hair).

Here are the main benefits of our unique system:

EVA is **healthy:**

- EVA removes all the potentially noxious elements found in tap water (bacteria, nitrates, chlorine, sulphates, heavy metals, chemicals...) via a new filtration process. The success rate of these 8 filtration steps (or 9 steps if you have the FIR module) ranges from 70% to 100%, depending on the tap water tested.
- EVA eliminates over 98% of harmful substances: lead, chlorine, nitrate, copper, aluminium, cadmium, arsenic, THM (TriHaloMethane), chemicals, many types of bacteria and microbes.
- EVA adds selected minerals after the filtration process.
- EVA drinking water is low alkaline and mineralised and gives a pH between 7.3 and 7.8, ideal for a healthy body and good assimilation. This pH is reached thanks to permanent sterilization of the filtered water with an original and unique, patented, active principle as well as selected minerals. This will make your water suitable for cooking, making tea, coffee and preparing fruit and vegetables...
- EVA plastic is guaranteed to be free from Bisphenol A & phthalate (BPA - plastic additives), and is food grade quality (SAN / ISO 4894-1:1997 & PP / ISO 1043 - food grade quality - FDA certified - USA)
- EVA filters make tap water safe for the consumption of babies and toddlers, (either as filtered water or mixed with baby milk).

IMPORTANT NOTE: in order to make water suitable for your baby, the tap water added to the EVA Advanced Water Filtration System must NOT contain more than 40mg/L of nitrates (please check).

EVA is **economical**:

- EVA is more cost effective than bottled water: it takes only 8 months to recover the cost of an EVA system.
- EVA is more economical than the market leading filter jug.
- EVA filter cartridges last for 9 months, compared to 1 month for most other products on the market.
- EVA doesn't need to be connected to a water or electricity supply as it simply works with gravity. You simply pour into the unit the water you need filtered.

EVA is **eco friendly**:

- EVA avoids the additional excesses of plastic bottled water which have a negative impact on the environment: plastic waste, bottle transportation, storage and the energy used to make and recycle the bottles...
- EVA is made of neutral plastic material (which lasts longer than the average plastic).
- EVA contains only natural elements in its filtration process.
- EVA does not require an electricity supply to power the unit.
- EVA filter cartridges have a 9 month life span unlike the market leading water filter, avoiding the need for a monthly filter change
- EVA filters are recyclable.

EVA **provides an unlimited guarantee**:

- EVA Advanced Water Filtration System has an unlimited warranty on its structure.
- Replacement parts are readily available to purchase.

EVA is **accredited and scientifically proven by independent laboratories**:

- The manufacturer of EVA Advanced Water Filtration System is ISO 9001 : 2008 certified.
- EVA Advanced Water Filtration System is accredited by the following international quality control organisations:
 - Chamber Certification Assessment Services (United Kingdom)
 - SGS (Switzerland)
 - EVA is a member of the following organisations:
 - Water Quality Association
 - Korea Testing and Research Institute
 - Korea Water Purifier Industry Cooperative

EVA **comes complete with**: a filter cartridge, high density ceramic and mineral tray. EVA model PLC is supplied with the standard mineral tray. EVA model BEP is supplied with the infrared and added red clay magnet mineral tray.

EVA is **ideal for the home or small office**:

- EVA is available in two sizes, 12L and 7L.
- EVA can be used by the whole family for drinking and cooking.
- EVA water is suitable for babies.
- EVA is perfect for home, office, waiting rooms, schools, health clubs, hospitals and doctors surgeries.
- Dimensions: *Please note the following capacities in litres will be slightly reduced after parts (ceramic, filter cartridge and mineral tray) are added.*
- Dimensions for the 12L: 65cm (h) x 32cm (diameter at base)
- The EVA 12L contains : 4L in the upper tank + 8L in the lower tank
- Dimensions for the 7L: 53cm (h) x 24cm (diameter at base)
- The EVA 7L contains : 2L in the upper tank + 5L in the lower tank

WARNING BEWARE OF OVERFILLING: when the water reaches the mark on the lower tank, do not refill the upper tank until the lower tank empties sufficiently to allow room for more water!

EVA is considered the best natural gravity filtration system.

→ EVA filtration process - how long does it take?

Just as in nature, water is purified by the force of gravity, drop by drop, slowly and naturally.

Depending on the hardness of your tap water, it usually takes 45 minutes to 1 hour to filter 1 litre of water.

Only 8 steps to turn tap water into spring water:

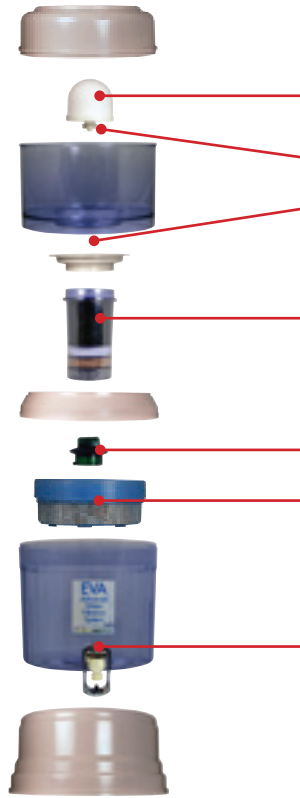
- **Step 1** - Ceramic filter: removes all the harmful and unnecessary substances such as iron rust, sediment and germs thanks to its pore size of 0.2 of a micron.
- **Step 2** - Activated carbon: removes chlorine, THMs (trialomethane chemicals), organic chemicals, nitrates and sulphates, unpleasant odours and colours.
- **Step 3** - Silver activated carbon (colloidal silver): removes chlorine, THMs, organic chemicals, unpleasant odours and colours, and kills bacteria and parasites such as salmonella and Escherichia Coli.
- **Step 4** - Silica sand: removes acidic components giving the water a better taste.
- **Step 5** - Zeolite is well-known in industrial chemistry as a filtration substrate for dissolved chemical particles: removes heavy metals (lead, chlorine, copper, aluminium and cadmium) and softens the water.
- **Step 6** - Mineral sand: assists the function of the activated carbon and maintains the freshness of the water.
- **Step 7** - Coral stones: release minerals and oxygen, adjust the pH of water to mild alkaline (which helps restore the pH balance of the body's fluids), and improve the taste of the water.
(Our coral is sustainably sourced from Indonesia and Australia under current regulations).
- **Step 8** - Magnetic system: magnetized water has a free-moving hexagonal water structure in harmony with the body's fluids, just like mineral spring water. It promotes health, vitality and imparts many therapeutic properties. Only the EVA 12L has a magnetic system in its tap. If you want to magnetize your water using the 7L EVA, we recommend you purchase the BEP model with the infrared mineral tray and added red clay magnet.

EVA Advanced Water Filtration System can be used with all drinking water: tap, well or spring water.

→ Assembly Instructions

EVA Advanced Water Filtration System is easy to install, no tools required.

Step by Step Instructions:

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1. Wash hands thoroughly to reduce risk of contaminating filter.
 2. Rinse the Ceramic component under the tap.
 3. Remove wing nut, fix ceramic filter in place. Screw wing nut in from underneath tight, but do not force it.
 4. Hold the cartridge below water in a bowl or sink until all air bubbles have dispersed, then screw into the support.
 5. FIR module (Optional, BEP model)
 6. Rinse the mineral tray under the tap.
 7. 1 Internal Seal + 1 External Seal (against leaks). Screw in tight. Do not force. To ensure seals and tap are correctly installed it is recommended you test the seals by filling the lower tank section separately with water first.

After it has been put together, carry out at least 2 filtration processes prior to consuming water. Your EVA System is now ready to use.

DO NOT EXPOSE YOUR WATER FOUNTAIN TO DIRECT SUNLIGHT

→ Maintaining the EVA Advanced Water Filtration System

Water quality varies considerably from place to place and even from day to day in the same place. This in turn has an effect on the life of the filtration system. In the UK & Europe it is recommended that you replace your EVA Ultimate Filtration Cartridge every 9 months.

It is advisable to periodically rinse your ceramic thoroughly under cold water, without separating it from its tray.

If the following instructions are followed, the EVA Advanced Water Filtration System should remain in optimal working order:

Please note that all mention of white vinegar means distilled, clear vinegar, commonly available as a natural cleaning product (not white wine or balsamic vinegar). Never substitute with lemon juice!

- First, thoroughly wash your hands with soap or anti-bacterial handwash.
- Cleaning the ceramic in case of discolouration (In cases of pale yellow, orange, light brown: It is normal for discolouration to appear on the ceramic filter over time as impurities are removed from your water (deposits of Calcium Carbonate or other undesirable substances). To remove these impurities, mix filtered water with about 2 cups of white vinegar, remove the top compartment containing the ceramic filter and pour in the white vinegar mixture. Place the unit in your sink (make sure the ceramic filter is completely covered by the liquid), then leave until the water mixture has completely filtered. If ceramic is tinged with green, filter through water with added salt (2 tablespoons per litre of water). Finally gently wipe the ceramic filter with a simple low abrasion sponge, such as Scotch-Brite (or even with your hand) so as to remove any lasting impurities. Finally rinse the unit under tap water thoroughly until any smell or taste of white vinegar is gone.
- This process can be repeated every month if necessary.
- It is strongly recommended that you do not expose your EVA Advanced Water Filtration System to direct sunlight. If the mineral tray is covered

with a thin green film, your Water Filtration System may be exposed to too much natural light. If this is the case, you can either move it to a shaded location or cover it with a cloth during the day. To remove discolouration from the mineral tray:

Either: remove it from the filtration system and place it in a water solution with 2 tablespoons of salt per litre of water. Leave for 30 minutes. After that, scrub it thoroughly under the tap until all residue has disappeared.

Or: add 2 tablespoons of coarse sea salt to a pan filled with water, put the tray in the pan and simmer gently for about 5 minutes. Rinse the tray under running water while brushing it, until the residues are gone.

To clean the EVA tap, remove it and clean with the same water and white vinegar solution used for the tray, ensuring removal of the transparent seals beforehand to avoid damaging them.

To avoid any further proliferation of residues it is advisable to take this opportunity to also clean the lower compartment.

If the EVA system has not been used for more than 8 days, the filtration process will have ceased and you should follow these steps:

- Remove and rinse the ceramic filter, filter cartridge and the mineral tray, then leave to drain and dry.
- Rinse the main EVA unit with a mixture of filtered water and white vinegar solution, then leave to dry.

When you want to start the filtration process again, just set up the water filtration system and use as normal.

→ Frequently asked questions:

The water takes longer to filter the first couple of times, is this normal?

Yes. It may be that filtration takes a long time, more than an hour per litre and this reduces after a week. If slow filtration persists, it shows that assembly and usage procedure has not been followed correctly, preventable with these measures:

(a) Rinsing of the ceramic with clean water in order to rid the white ceramic of any build-up, which could lead to the formation of surface encrustation, obstructing the primary filter. (b) Correct immersion of the Ultimate Filtration Cartridge, in order to push out the air and rinse the

system – a pocket of air could slow down the flow. If it seems this hasn't been done, rinse once again, taking care to immerse correctly until all bubbles have dissipated.

Why is it that the water sometimes filters at a slower rate than the 45 minutes per litre stated in the booklet?

The rate given is an approximation: subject to the quality of origin of the water being filtered by your EVA, the time taken will vary from 30 minutes to 1 hour per litre maximum.

If there is a white chalky deposit in the bottom of the EVA Advanced Water Filtration System, is this normal and is it lime scale? Is this related to the filtered water leaving a chalky scale residue when used for cooking/boiling?

Don't worry. It is not calcium carbonate (lime scale) but minerals such as natural silica originating from the mineral tray which induce the alkaline level of the water (see scientific analysis, on page 18 of this leaflet). White deposit may be visible during the 9 month life of the filter cartridge. These undesirable residues are in fact harmless to the body and to electrical appliances – coffee machines, electric kettles. (If you choose not to use the mineral tray, this deposit will disappear, but you would miss out on all the benefits of these minerals...). If a white film appears on the surface, in the lower compartment, or if your mineral tray is covered with a green layer: boil some water and add a spoonful of salt, then place the mineral tray in it for 5 minutes. Then rinse it under clean water before putting it back into the water filtration system.

Does EVA filter fluoride?

Yes, in the form of numerous chemical elements present in tap water: fluoride is found in related forms (potassium fluoride, sodium fluoride etc) i.e. fluoride alone doesn't exist in a 'free' form in our tap water. (See analysis table.)

What is the difference between fluoride and fluorine?

The fluoride atom has the international common denomination F, while fluorine is the form linked to the fluoride atom with a second chemical element e.g. calcium, potassium etc.

What percentage of nitrates should be filtered out?

The actual amount will vary depending on the water used. On average between 60 and 90%.

Does it filter salt (sodium)? If so how much and why isn't it in the Analysis?

The filter is not designed to filter brackish water e.g. containing sea salt but rather the 'chlorides' dissolved in water in all their forms: calcium chloride, sodium, magnesium etc, in acceptable proportions and in accordance with European norms – note the chemical name Cl on the analysis table.

Can hormones be filtered?

Unfortunately not. No current system available to the public would be able to remove hormones, whose molecules are much too 'fine' to be withheld.

The ceramic is discolouring very quickly, is this normal?

Yes! The ceramic is effectively a pre-filter, a waste unit retaining the first impurities of the tap water. If it remained white it would indicate 2 eventualities: either the water contains no impurities, or the filter is ineffective. On the contrary we have never found that the ceramic remains immaculate. So, with time and despite its maintenance, the ceramic will discolour.

There is green mould on mineral tray. Why is it there and how can it be removed?

These green single-celled algae are undesirable but harmless, and are naturally occurring in plumbing and the water supply. Once you set your EVA filtration system running, it may be that after rinsing with fresh water, you trigger the growth of the algae, originating from the mineral tray. To remedy this, follow our product care guidance on pages 10-11 (before this FAQ section).

What exactly does the mineral tray put back into the water?

Essentially it raises mineral silica levels by more than 70%, along with calcium, magnesium, iron oxide II and III.

How do the infared mineral trays with added clay magnet actually work?

In contact with water, the magnetic system creates an electric charge in the water molecules, giving water resistivity and conductivity, in other words the qualities of living water, or hexagonal water as it is also known. Magnetisation, dynamisation, vitalisation, all these terms mean the same thing in common parlance.

As for the FIR unit, this promotes diffusion of infra reds in the water, reinforcing the magnetic effect thus maintaining dynamisation. Please also read the information below on Stage 9.

Should the parts be cleaned separately from the unit or should they be placed in the EVA unit filled with the cleaning solution?

It is advisable to leave filter parts in / attached to the EVA unit for cleaning. Please read our product cleaning guidance before FAQs.

Be careful! Only the ceramic needs to be overhauled once or twice a month. It is sufficient to rinse out the lower tank whenever you replace other component parts.

Can a 'Milton Tablet' or other sterilising tablet be used to clean the Ceramic or other parts?

Such products serve to 'disinfect' but will not have an effect on the level of minerals dissolved in the ceramic...vinegar is therefore more effective.

A more detailed explanation of 'Step 8' in the instructions (i.e. magnet only in 12L unless the advanced tray is purchased).

Stage 8 : magnetic system (BEP models)

Magnetisation returns water to its hexagonal structure (composed of six individual molecules of water, held together by common hydrogen bonds), and also reduces the size of the water molecule clusters uniformly. This makes them up to 50% more easily absorbed by the cells of the body. 2 magnets (Neodyme – Nd₂ Fe₁₄B) activate the water's molecular structure, as they are wrapped around the distributor tap of PLC models – or in the BEP

model, a group of magnets are aligned in a circle in an opaque disc visible through the side of the tray. In both cases your remagnetised water returns to its hexagonal molecular structure, enlivened and in harmony with bodily fluids. This restructured water offers your body numerous health benefits and optimised rehydration after physical exertion.

Stage 9: Far Infrared Rays (FIR) in BEP models

By reducing the size of the water clusters, the FIR's promote their absorption and assimilation by body tissue, as well as making the water smoother to drink. The presence of this unit reinforces the Neodyme magnet's effect in nullifying the negative effects of light on the filtered water. The FIR unit is a 'capturer' of wavelength (corresponding to its green colour): it captures and diffuses the Far Infrared Rays (FIR).

How do I know when to replace the parts?

Please note that different parts of the EVA system last for different periods of time so it is recommended that you note the start date of usage of each new and replacement part:

Replace the ceramic every 24 months max.

Replace filter cartridge every 9 months max.

Replace the mineral tray every 36 months max.

Advice to help avoid leaking taps by properly tightening them

For the 7L EVA model: the flat nut has a bulge on one side which is compatible with the connecting joint. It is best to put this side against the joint and to tighten it enough to make it watertight. Test the lower tank and tap before full use: fill the lower tank with a few litres and test it above the sink. For other models, simply tighten the tap just enough to ensure watertightness.

If a water softener has been used water is not drinkable. Would the EVA filter make softened water safe to drink?

Yes, and bear in mind that the EVA system will remineralise the water as well as purifying it.

What is the difference between EVA and reverse osmosis filters?

EVA filters, purifies, remineralises and dynamises the water.

Osmosis may filter and purify, but demineralises.

→ Which parts need to be replaced?

Some parts have to be periodically removed and changed to maintain a perfect filtration process:

- **The high density filtering ceramic:**

This high density ceramic allows your EVA Advanced Water Filtration System to filter and retain impurities up to 0.2 micron (the size of infectious germs like salmonella, E-Coli, shigella, etc...) Replace every 24 months max.



- **The Ultimate Filtration Cartridge, 9 levels of filtration and remineralisation for revitalized water:**

Thanks to its unique concept, the Ultimate Filtration Cartridge eliminates virtually all undesirable substances present in tap water (chlorine, heavy metals, colourations, volatile organic compounds, THMs [TriHaloMethane] as well as nitrates.)

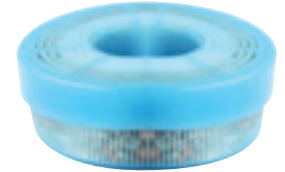
Change your filter cartridge every 9 months (or 7500 litres of filtered water.)



- **The standard mineral tray:**

The mineral tray (with minerals selected for their exceptional qualities and high absorption levels) is placed at the bottom of the lower compartment, beneath the filter cartridge.

It will help your EVA Advanced Water Filtration System to provide you with daily perfectly purified and balanced water, with incomparable taste.



EVA's minerals are sourced in Indonesia and Korea since Aug 2010. The coral is sustainably sourced in Australia and Indonesia. Replace the mineral tray every 36 months max. Replacement minerals available in sachets from early 2012.

- **The mineral tray with infrareds & added red clay magnet (BEP model):**

This advanced mineral tray contains the same minerals as the standard PLC model, but has 2 additional innovations: the first is an exclusive mineral element that catches and diffuses Far Infrared Rays (FIR) into the water. It makes the water molecules smaller and more easily absorbed by cells. The second innovation is an added red clay magnet in an opaque case, inside the mineral tray, which magnetises the water, reducing the size of the water clusters uniformly and giving the molecules a hexagonal shape. Replace the mineral tray every 36 months max. Green FIR unit never needs replacing unless cracked. Both of these elements increase the absorption of the water by the organism, thereby delivering the full power of purified water.



Results of scientific analysis of water AFTER filtration:

These results were obtained AFTER filtration with the filter Cartridge ONLY (they do not apply to the mineral tray or the high density ceramic).

These tests were certified by the Office of Water Quality of South Korea, and were carried out by the Department of Environmental and Hydrological Analysis of the University Kyung Hee in Seoul, on the tap water distributed in the city at a temperature of 23°C.

CHEMICAL ELEMENT	BEFORE FILTRATION	AFTER FILTRATION
TOXIC SOLVENTS		
TRIALOMETHANE	0.1 mg/l	Nil
TRICHLOROETHANE	0.1 mg/l	Nil
1,1,1 TRICHLOROETHANE	0.03 mg/l	Nil
TETRACHLOROETHYLENE	0.01 mg/l	Nil
DICHLOROMETHANE	0.02 mg/l	Nil
HIGHLY TOXIC SOLVENTS		
BENZENE	0.01 mg/l	Nil
TOLUENE	0.7 mg/l	Nil
ETHYL BENZENE	0.3 mg/l	Nil
XYLENE	0.5 mg/l	Nil
1,1 DICHLOROETHYLENE	0.03 mg/l	Nil
TETRACHLOROCARBONE	0.002 mg/l	Nil
PESTICIDES-INSECTICIDES		
DIAZINON	0.02 mg/l	Nil
MALATHION	0.25 mg/l	Nil
PARATHION	0.06 mg/l	Nil
FENITROTHION	0.04 mg/l	Nil
CARBARYL	0.07 mg/l	Nil
CUMENE DERIVATIVES (HYDROCARBONS)		
PHENOLE	0.005 mg/l	Nil
TOXIC CHEMICAL ELEMENTS		
MERCURY Hg	0.001 mg/l	Nil
LEAD Pb	0.05 mg/l	Nil
ARSENIC As	0.05 mg/l	Nil
CADMIUM Cd	0.01 mg/l	Nil
POTASSIUM CYANIDE KCN	0.01 mg/l	Nil
ALUMINIUM Al	0.2 mg/l	Nil
NITRATE NO ₃ ⁻	10 mg/l	1 mg/l
NON TOXIC CHEMICAL ELEMENTS		
MANGANESE Mn	0.3 mg/l	Nil
IRON Fe	0.3 mg/l	0.005 mg/l (Thus a filtration of 98.33%)
SILVER Ag	0.05 mg/l	Nil
ZINC Zn	1 mg/l	Nil
COPPER Cu	1 mg/l	Nil
AMMONIA NH ₄ OH	0.5 mg/l	Nil
FLUORINE F-	1.5 mg/l	Nil
CHLORINE Cl-	250 mg/l	17 mg/l (Thus a filtration of 93.2%)
SULFATE SO ₄ ²⁻	200 mg/l	14 mg/l (Thus a filtration of 93%)
HARDNESS OF WATER		
CALCIUM CARBONATE CaCO ₃	70 mg/l	15,64 mg/l (Thus a filtration of 77.66%)
PH	7,3	7,8

Certifications:

The manufacturer of EVA fountains is ISO 9001 and ISO 14001 certified



EVA fountains are accredited by the following international quality control organisations:

- UNITED KINGDOM

Chamber Certification Assessment Services
(<http://www.quality-register.co.uk>)

- SWITZERLAND

Société Générale de Surveillance – Verification, Testing and Certification- Analytical Laboratories, **ISO 14001** (<http://www.ch.sgs.com>)

- SOUTH KOREA

Department of Analysis and Certification of Drinking Water

- UNITED STATES OF AMERICA

Food & Drug Administration AGREEMENT USA /FDA 21CFR 170.1040

The manufacturer of EVA filtration systems is a member of the World

Assembly Division on water (USA)

Certification LEBENSMITTE CONSULTING FOOD SPECIALISTS (US FDA 21 CFR 177.1040)

Laboratory ID N° 008230801C (problem-solving in Microbiology, Technology and Chemistry of foods)

It is also a member of the following organizations:

- Water Quality Association
- World Assembly Division of the Water Quality Association
- Korea Chemical Inspection & Testing Institution
- Korea Water Purifier Industry Cooperative

The efficiency of EVA water filtration system has been scientifically proven by independent laboratories.

→ EVA Advanced Water Filtration System at a glance

- Healthy: purifies water and adds nutrients
- Unique 8 stage filtration process
- Removes all the harmful and unwanted substances thanks to the ceramic pore size: 0.2 of a micron.
- Economic: Filter cartridge lasts for 9 months
- Simple to install and easy to maintain
- Eco friendly
- No electricity, no plumbing: gravity powered
- Unlimited warranty on its structure (not spare parts)

EVA μ voda

The Alkaline Reduced Water Flask

Whether at home or on the move, unleash the natural energy of your water with **EVA μ voda**, the Alkaline Reduced Water Flask!

→ What is EVA μ voda?

EVA μ voda helps your body detoxify and fight against acid (from mouth to stomach) caused by everyday stress, food, pollution etc... These environmental disruptions may affect your body's functions and lead to unbalanced pH ratios. Furthermore, its small size allows you to conveniently carry it in your bag anywhere. From your office to the gym, **EVA μ voda** can go wherever you go!

The powerful minerals contained in small round ceramics within the sphere keep their full properties, while the ceramic itself removes the harmful germs, which means that the pH of the water is made alkaline while the anti-bacterial properties purify it.

With the help of the ceramics, water molecules become smaller, making them more easily absorbed by the cells. This is called the "hexagonal structure" of the water (a unique water structure composed of six individual molecules of water, held together by common hydrogen bonds).

→ What is inside the mineral sphere?

The sphere contains 6 different mineral ceramics, each one having its own properties:

- **Magnesium ceramic:** gives an alkaline pH to the water (because of its hydrogen source) and has some antioxidant properties.
- **Micro-silver ceramic:** made from natural silver, this non-toxic technology has efficient antibacterial & antifungal effects.
- **Black tourmaline ceramic:** has purifying properties and is also well known for its cleansing abilities.
- **Pi ceramic:** revitalizes water, increases the permeability of the cell membrane and then stimulates tissue exchanges. It maintains the dynamic of the water when used with water from EVA Advanced Water Filtration System.
- **Red clay ceramic:** is well known for its high concentration of trace elements and makes the pH alkaline (it "softens" the water). It also has powerful filtering properties (against heavy metals). Red clay is often used to help sensitive and dry skins.

- **Charcoal ceramic:** absorbs any harmful germs contained in the water, purifying the water and improving the taste.

→ How to use EVA μ voda

EVA μ voda is easy to use, just follow these 3 steps:

- Place the sphere inside the flask.
- Pour in the water. We recommend using the water from EVA Advanced Water Filtration System for better results, although you can use tap water. The combination of different ceramics contained in the sphere filters the water in the flask.
- Wait for 1 minute if you use the water from EVA Advanced Filtration System, or 5-10 minutes with tap water, then it is ready to drink!

You can add more water whenever you like, you do not need to wait until the flask is empty as it is continuous process, thanks to the sphere.

PLEASE NOTE: a sulphur smell and taste will occur with the first few uses of the sphere (due to the oxidation-reduction process of the water). This disappears after the third use of the sphere.

→ How to maintain EVA μ voda

Depending on whether you use purified or tap water, the sphere will last between 8-12 months before it needs replacing. It is recommended that you replace your sphere every 8 months if you use tap water and every 12 months if you use purified water.

It is also advisable to periodically rinse both your flask and your sphere under cold water.

The flask can be cleaned as often as required.

With this easy cleaning process your **EVA μ voda** will be more efficient and longer lasting.

The following instructions will help you keep your **EVA μ voda** in good working order:

- First, thoroughly wash your hands with soap or anti-bacterial wash.
- Every 15 days we recommend that you clean your sphere to remove all the impurities it has gathered through purifying the water. To reactivate your **EVA μ voda** sphere and restore all its properties, fill it with white vinegar diluted half and half with water, to entirely cover the sphere. Then shake and leave for 15 minutes or until no more bubbles are released. Then gently wipe the sphere with a simple non abrasive sponge so as to remove any lasting impurities. Finally rinse the sphere under tap water to remove any smell or taste of vinegar.
- The flask can be cleaned in the same way as normal glass, then left to dry.

→ Technical information about EVA μ voda



- Dimensions :** diameter = 3.20 cm
- External composition :** neutral plastic material free from bisphenol A and phthalate (food grade quality plastic)
- Internal composition :** as explained above
- Lasting :** between 8 and 12 months
- Cleaning :** with vinegar solution every 15 days
- Guarantee :** 1 year



- Dimensions :** 19 cm high x 7 cm diameter (widest part)
- Capacity :** 300 ml
- External composition :** neutral plastic material free from bisphenol A and phthalate (food grade quality plastic)
- Guarantee :** 1 year

