



NEW



spring-time[®]420 pro

unique combination:

- Water purification by reverse osmosis
- Energizing according to Dr. Ludwig[®]

pure drinking water

Tap water goes a long way until it reaches our domestic water taps. On this journey it loses a lot of its quality. Our water is often **contaminated** with lead, copper, other heavy metals and even with residues of pharmaceuticals. This is why **reverse osmosis filters** are in particularly high demand and enjoy increasing popularity. Due to their special filter technology they achieve an **extremely high purification** of the water.

spring-time[®]420 pro...

reverse osmosis
and activated
carbon filter



is a water treatment device which works according to the principle of **reverse osmosis**. In addition to the **reverse osmosis membrane**, the device includes a **pre- and afterfilter**. The prefilter consists of two components: **sediment and activated carbon**. The afterfilter is a **ceramic filter**. This combination purifies the water of almost all dissolved pollutants. Furthermore the device includes some electronically controlled, semi-automatic processes such as **disinfection** and **decalcification**. Detailed information on the filters and maintenance can be found on the inside pages of the brochure.

energization by
magnetic field
(7.8 Hz)



additionally has an integrated **magnetic field generator according to Dr. Ludwig[®]**, which generates a pulsating electromagnetic field for **energizing the purified water**. As soon as the **spring-time[®]420 pro** is connected to the power supply, the magnetic field generator (comparable to our **MEDISEND[®]**) permanently generates the main value of the **Schumann frequency of 7.8 Hz**. Furthermore, with a worldwide unique method the frequency spectrum of the **64 most important trace elements** (Geomagnetic frequencies) is modulated to the magnetic field and thus transferred to the water. For more information on the **environmental signals of Schumann and Geomagnetic frequencies**, please read the enclosed double-sided information sheet „**Magnetic field therapy • Bioresonance • Bioinformative Medicine**“.

1.2 liter freshly
pressed water
in 10 minutes



has a removable 1.8 liter water tank which will be filled with **tap water**. After **10 min** you get approx. 1.2 liters freshly pressed water[®] in organic quality. This results in only about 0.6 liters of waste water collected in the water tank. This ratio is worldwide leading in the household sector. An **integrated display for the molecular conductance** (in ppm) ensures a constant **quality control**. The **replaceable front panel** is available in various designs.

all you need
is a plug socket



operates with a built-in membrane pump to achieve the necessary pressure for the filtration process. The **spring-time[®]420 pro** is **not connected to the water line**, but **only to an electrical outlet**. With 230 Volt you can connect and operate the device wherever you are - whether at home, in a clinic or in the office. With its integrated 12V/ 24V access it can also be used in campers, boats and abroad. In order to counteract the electrosmog of the power supply system, the Schumann frequency of 7.8 Hz is additionally modulated with 1.2 Hz - a frequency which has also proven its positive effects against **electrosensitivity**.

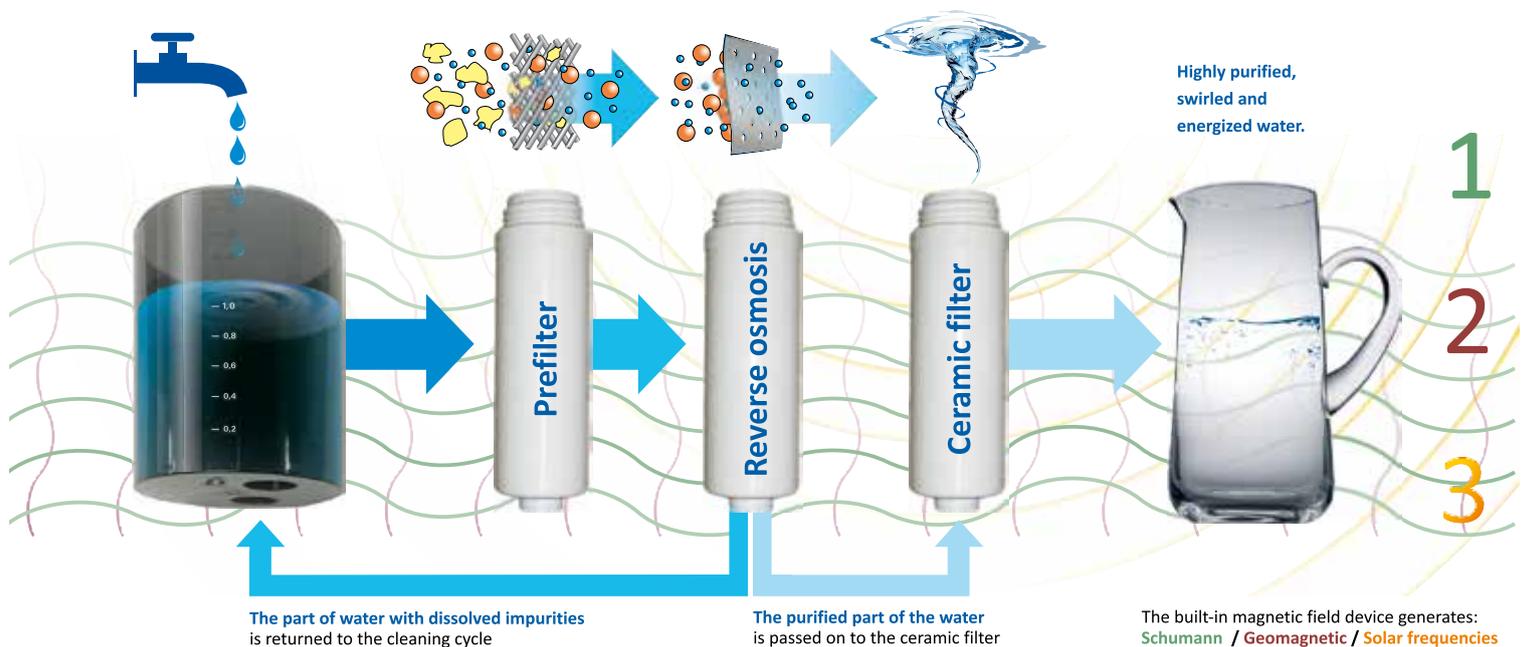
Read in this brochure:

- How does the water purification process work with the **spring-time®420 pro**?
- Which pollutants are removed from the water?
- How do I check the cleaning process?
- Why is it good to drink reverse osmosis water?
- Do I lack the minerals when I drink reverse osmosis water?
- How is the water re-energized after cleaning?
- What has the energizing to do with the magnetic field devices of Dr. Ludwig?
- How often do I have to change the filter and what do I have to do to maintain the device?
- What does it cost and what follow-up costs do I have to plan? (see all costs in USD on our website)

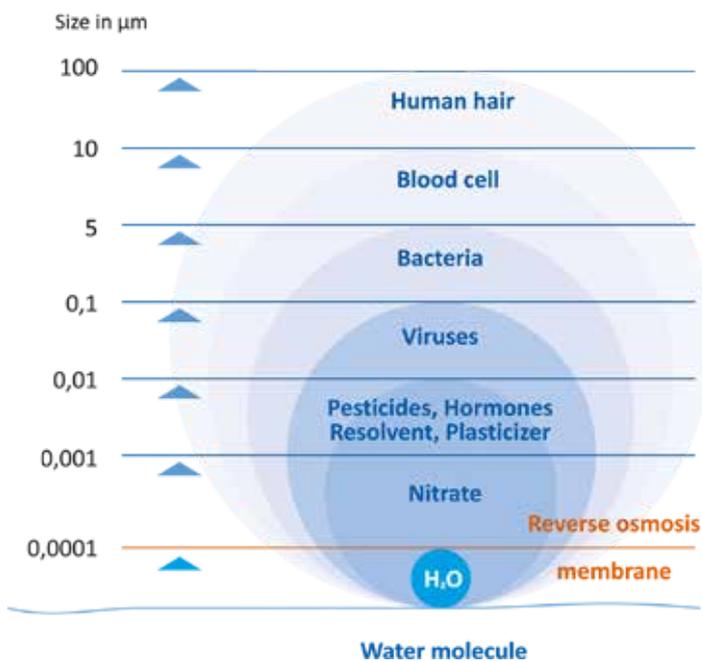


These and other questions are answered on the following pages.
If you need additional information, please contact us. We are happy to help.

Schematic illustration of the cleaning process:



H₂O molecule size comparison:



The figure on the left illustrates the ratio of size of possible pollutants of tap water compared to a water molecule. Only water molecules can pass the fine pores of the reverse osmosis membrane - all other molecules and substances are too large and do not fit through.

Reduction of noxious substances

The reverse osmosis process removes nearly all impurities from the water. Among others, the following substances are removed up to 100%:

Chlorine	Aluminium
Phosphates	inorganic minerals/limescale
Fluor	Glyphosate
Pesticides	Bacteria and viruses
Residues of drugs/medicine	Lead
Nitrate	Heavy metals
Mercury	Residues of hormones
Asbestos	Uranium

spring-time® 420 pro

Freshly pressed water®
in organic quality



View of the **spring-time® 420 pro** without the front panel.
Left: Prefilter
Middle: Reverse osmosis filter
Right: Ceramic filter

To **purify the water** three different filter systems are integrated in the **spring-time® 420 pro**:

- **Prefilter (activated carbon)**
- **Reverse osmosis**
- **Ceramic filter**

Prefilter →

The **prefilter** (left) is responsible for „the rough“. It filters **dirt and tiny particles** out of the water right at the beginning. Over time the prefilter blinds through the trapped particles and therefore must be **renewed every 6 months** at the latest. You can order the prefilter from our website.

reverse osmosis →

The **reverse osmosis filter** (middle) works with an extremely fine filtering process. In this filter the (tap) water to be purified flows past a membrane and is pressed through its **microscopically small holes**. The pores of this membrane are so fine that only water molecules, dissolved oxygen and some minerals in ionic form such as potassium and magnesium ions can pass through. All other, larger molecules and substances (heavy metals, germs, bacteria, viruses, fungal spores, parasites, pesticides, nitrates, chlorine compounds, fertilizer and drug residues, hormones, limescale, etc.) do not pass through and thus do not get into the pure, filtered water. The reverse osmosis achieves an **optimal cleaning effect**, which cannot be exceeded by any other filter system. Nearly all dissolved substances are removed from the tap water to make it pure and clear drinking water, which is in no way inferior to the quality of spring water.

The water is divided into **two parts** by this reverse osmosis process:

ceramic filter →

1. On the one hand, it is the **part of the water which has been filtered off and cleaned** in this way, which now continues to flow through the adjoining ceramic filter. In the **ceramic filter** (right) this part of the purified water is swirled - just as in nature, when the water flows and jumps on its way over stones. That is what makes it so fresh in terms of taste. From the ceramic filter, it then flows through the tap into the provided carafe.
2. On the other hand, there is the part of the water that still carries **all dissolved dirt particles** with it. This larger proportion of the two water parts **flows back** into the container that you previously filled with tap water. With this recycled water, the cleaning process begins again.

Thus the tap water to be purified **circulates**. Repeatedly only one part is taken as purified water from this cycle. Finally, **about 600 ml of waste water remain in the tap water tank**, in which all the contaminants are collected. This water will be poured away. In contrast, there are about **1.2 liters of purified water** in the carafe, ready to be enjoyed.

The advantage is obvious: For most other reverse osmosis units, at the end of the cleaning process you have a ratio of purified to loaded water of 1:2. This means that you throw away two-thirds of the water, whereas only one third of it is drinkable as filtered water. With the **spring-time® 420 pro**, the ratio is exactly the opposite due to the technology developed and patented by aqua living®. Finally, 1.2 liters of highly purified, swirled and energized water are obtained from 1.8 liters of tap water.

pH Value →

Swirling the water has a particular advantage: Due to the swirling also oxygen dissolves in the water - this leads to the fact that after filtering and swirling there is no CO₂ absorption in the water and thus **no reduction** of the pH value.



checking the cleaning function

To **check the cleaning function**, during the process the **conductivity of the water is measured and shown in the display** of the **spring-time®420 pro**. The conductance indicates how many **dissolved particles are contained in the water** and is given in ppm (parts per million). Throughout the cleaning process, the conductivity of the water is measured in the removable tap water tank. The steady increase of the ppm value indicates the concentration. It results from the fact that the amount of the water in this container decreases while the number of solutes remains the same. At the **end of the process**, the device measures the conductivity of the water that is filled **from the tap** into the carafe and shows a drastically reduced ppm value in the display. Depending on the quality of the source water of your place of residence, the conductance may start e.g. at 100 to 200 ppm and rise to 300 to 400 ppm during the filtering process. In the end, the measurement from the tap of the device may give a value between e.g. 5 to 30 ppm. Thus you can see whether the reverse osmosis membrane is working properly.



Maintenance by decalcification and disinfection

The two cleaning systems **reverse osmosis and ceramic filter do not collect the dirt** as the prefilter does. Therefore they have a **long life** (generally more than 5 years). In order to maintain this long service life, they require regular care in the form of **decalcification** (once a month) and **disinfection** (every six months). Both processes are **very easy to do and can be handled without any tools**. Please read the description in the manual and follow all instructions step by step. You can also read the individual steps on our website in the section „**Descaling, disinfection and prefilter change**“. We also linked a video for each of these procedures.

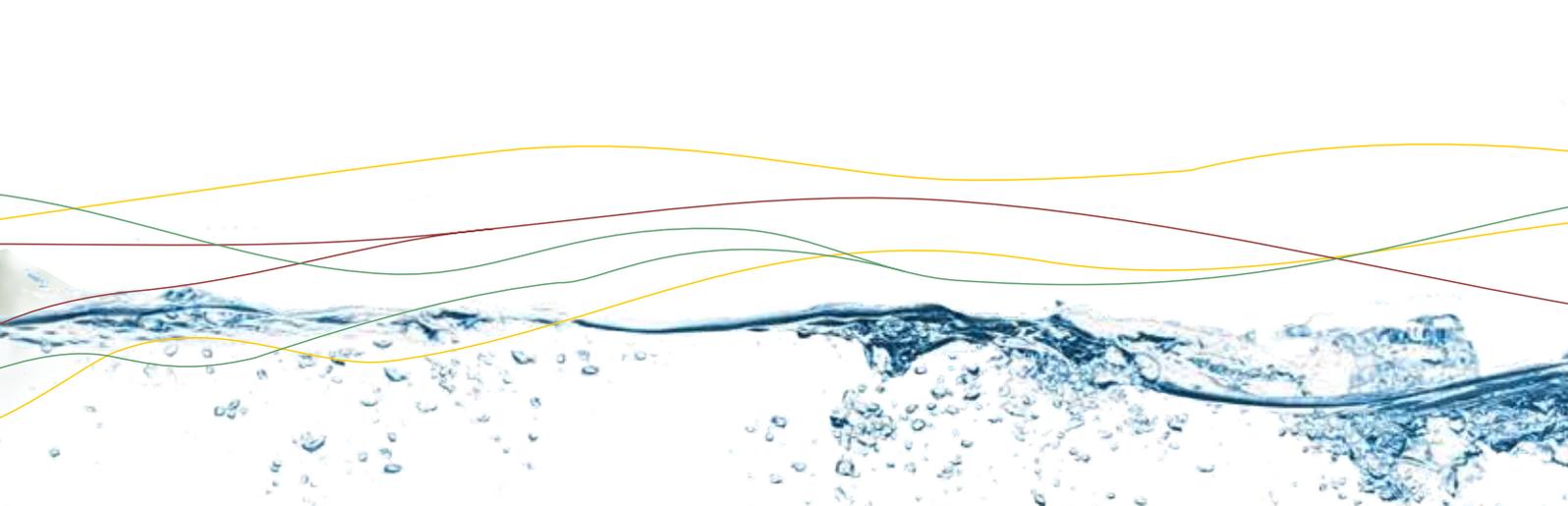
For the **descaling** you find an **organic decalcifier** as part of the delivery that is sufficient for half a year. You get the organic decalcifier inexpensively in numerous supermarkets. But it is also possible to use other decalcifiers with the ingredients citric acid, lactic acid or malic acid. For the **disinfection** you need **hydrogen peroxide solution (H₂O₂) 3%**, which you can easily get in every pharmacy and in many drugstores.

High quality, pure water helps and supports cleansing and drainage

Not all water is the same. Pure, clean water has more capacity to absorb the body's metabolic waste products in order to **eliminate** them through the kidneys, skin, intestines and lungs. For this purpose, it is helpful to drink pure water that is not contaminated with pollutants or other substances.

What about the minerals?

Frequently we are asked about the minerals in the water. These are for the most part removed from the water by the reverse osmosis process. Occasionally, there are concerns that drinking reverse osmosis water can lead to a mineral deficiency or could be unhealthy. This assumption is without any reason. Low-mineral water is actually particularly useful because even **minerals dissolved in the water make its function for transport and drainage difficult**. Therefore, **low-mineral water** is best to support **cleansing and detox**. Through a **balanced diet**, we absorb **enough minerals** for the care of our body. In addition, minerals dissolved in water are **biologically hardly utilizable**. Naturally contained minerals in food are much easier and more effectively utilizable for the body. Water has a much more important role in the body than supplying us with minerals. In order for the water to have **optimal cleaning and transport properties**, it should be **as free of pollutants as possible, still and low in minerals**.



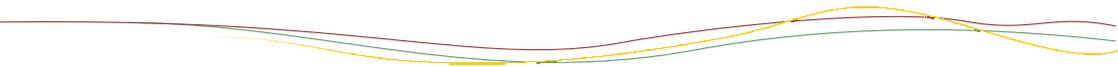
Energizing of water by magnetic field with the technology according to Dr. Ludwig®

Reverse osmosis water is often considered „empty“ or „devitalized“ water. The reason for this is that the reverse osmosis process – water passing through the fine-pored membrane – breaks up the natural cluster structure of the water. In order to support the **reconstruction of this cluster structure**, it is important to **restructure** and **energize** the water after the purification. The **spring-time®420 pro** uses two different methods to do so. On the one hand, as already mentioned, the water is **swirled** in the ceramic filter. In moving water the crystal structures can form again.

Modification
← of the water
by reverse osmosis

On the other hand, the **spring-time®420 pro** is equipped with a **built-in magnetic field generator according to Dr. Ludwig®**. During the entire filtering process, it generates a pulsating magnetic field of **7.8 Hz, the main value of the Schumann frequency**, to **vitalize** and **energize** the water. Besides, this vitalization also applies to all **water-containing food** within a radius of one meter (3 feet) around the **spring-time®420 pro** device.

Vitalization by
← swirling and
← magnetic field



In an intact environment, we are exposed to various natural frequencies and frequency spectra (environmental signals) which our organism is accustomed to. In addition to the already mentioned **main value of the Schumann frequency (7.8 Hz)**, this also includes the **Geomagnetic frequencies**. These are the natural oscillations of **64 trace elements** such as ferrite, natrium, calcium, etc. that are contained in the earth's crust. Each of these trace elements has its own characteristic oscillation pattern.

← Environmental
signals

Dr. Ludwig succeeded in developing a procedure which makes it possible to modulate the **frequency spectrum of these 64 trace elements** on iron cores. These structurally modified iron cores are integrated in all our devices. Thus the information of the specific oscillation pattern of the trace elements is automatically transmitted with the pulsating electromagnetic field that is generated by the device.



Dr. Ludwig

For many years, Dr. Ludwig worked intensively on the properties of water and used spectroscopic measurements to determine the water quality. His biophysical results show:

Water has a memory. It can store information.

This information is available in the form of specific frequency patterns in the **cluster structure** of the water and can be **passed on** to other systems or organisms.

The magnetic field generators developed by **Dr. Ludwig®** are identified by the **arrow symbol**. This symbol stands for the generation of an electromagnetic biofield that is modelled on undisturbed nature.



Structural modified block magnets – the ideal supplement to your spring-time®420 pro

The block magnets can be easily attached to the **(main) water pipeline**. The **calcium carbonate** contained in the water is **converted into nanocrystals**, which attach less easily and thus keep your water pipelines longer free of limescale. Additionally the block magnets are **structurally modified** according to the method of Dr. Ludwig®. Structural modification means that the **oscillation spectra of the most important 64 trace elements (Geomagnetic frequencies)** are „programmed“ into the magnets and thus modulate the electromagnetic field. They ensure a development of **positive clusters** of your water.



Weight: 133 g / 4.6 ounces each | **Size:** 6 x 2 x 1.5 cm / 2.4 x 0.8 x 0.6 inches | **Remanence Br/Magnetic field strength:** approx. 1.150 mT | **Material:** Nd-Fe-B | **Scope of delivery:** Pair of structure-modified block magnets, two cable straps, manual

Front panel in
stainless steel look



Front panel in
aluminium look

MADE IN GERMANY

spring-time® 420 pro

Technical data:

Water treatment:	Prefilter (sediment / activated carbon) Main filter (reverse osmosis) Afterfilter (ceramic)
Energizing of the water:	by a magnetic field generator (7.8 Hz) and swirling (in the ceramic filter)
Weight:	approx. 7.3 kg / 16 lbs
Size (WxDxH):	30 x 28 x 34 cm / 11.8 x 11 x 13.4 inches (without drip pan) Depth with drip pan 37 cm / 14.6 inches
Water tank:	approx. 1.8 liters
Production of water:	approx. 1.2 liters in 10 min
Filter exchange:	Prefilter every 6 months
Scope of delivery: (ready to use)	spring-time® 420 pro device, water tank, drip pan, drip tray, manual, warranty certificate and built-in magnetic field generator
Design front panel:	Alu (standard), stainless steel, carbon, white
Available as an option:	Glass carafe, handmade from ecologically compatible glass
Warranty:	2 years

Be careful: Likelihood of confusion when comparing prices

The internet makes it so easy for us when we aim to make a new purchase: we simply ask Google and easily find the cheapest supplier for the desired product.

Sometimes this can lead to an unwanted result. We recommend to be particularly attentive with our reverse osmosis device **spring-time® 420 pro**: If you google the „spring-time“, you will probably quickly find the **spring-time® 420** (without „pro“) for a lower price (in Germany for € 1,995.-). In this case you have found the original device from the company aqua living®, on which our **spring-time® 420 pro** is based.

The „pro“ stands for the **built-in magnetic field generator according to Dr. Ludwig®**. We buy the devices from the manufacturer aqua living® and install the magnetic field generator with a board that was especially developed for this purpose. If you purchase the **spring-time® 420** (without „pro“) at aqua living® directly, you will have the same device, but **without the advantages of the magnetic field generator according to Dr. Ludwig®**. With this generator, the purified water is energized with the **Schumann frequency (7.8 Hz)**. Additionally, the information of the **Geomagnetic frequencies (64 trace elements)** are transmitted to the water.

This fits the spring-time® 420 pro:

Glass carafe:	handmade from ecologically compatible glass
Prefilter:	Change every 6 months
SBM block magnets:	structure-modified block magnets

Order number: 523

To see the current USD price and place your order please check our website and online shop:
www.magnetotherapy.de

Please order...

by telephone: +49 (0) 7934 / 99 34 89 – 0
or in our online shop
www.magnetotherapy.de

AMS GmbH
Advanced Medical Systems
Hauptstr. 26 • D-97990 Weikersheim
GERMANY
Tel. +49 (0)79 34 / 99 34 89-0
info@ams-ag.de • www.magnetotherapy.de

Thank you