



filbec[®]
nano / carbon
water filter



**Filbec[®] - 28 years of experience
and innovation**

We started the development and manufacture of filters in Germany. At that time not much was known, written or spoken about the issue and the quantity of foreign harmful substances in potable water.

Filbec[®] nano / carbon filtration is the result of many years of improvements. This technology has brought the efficiency of potable water purification virtually to perfection.

filbec[®] ——— 100% water

unique
filter –
unique
water

IN YOUR HOME TOO



With respect for nature

The unique filtration system **Filbec[®] Nano** naturally ensures available fresh clean water, which doesn't require packaging, long storage and transport in plastic containers over long distances.

With **Filbec[®] nano / carbon filtration** you can draw fresh **water at home**, free of even the smallest foreign particles and substances, which industrial water-treatment facilities cannot eliminate for financial or technical reasons.



eurofins

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Filbec® at home

The **Filbec®** filtration system can be easily installed in your house. The filtration system can be installed in the cabinet beneath the existing taps and with no visible external changes in installation you have immediate access to clean filtered water. For increased comfort, the **Filbec®** filtration system can be connected to a separate or a three-way tap. Independent control provides the option to use the cleaned water to prepare beverages and food. The system can also be used for individual devices with a separate water supply (e.g., coffee maker, soda bars, refrigerators with water tap, aquariums...)

You can use the **Filbec®** filtration system also in recreational facilities, in your own wells or while travelling in caravans or yachts.

We have designed a stainless steel filtration module for connection to the water mains specifically for **Filbec®** filtration inserts. In comparison to plastic modules it has a longer service life and also excellent hygiene properties.



- ⌚ Max. size of pores of the carbon block 0,3 µm (interwoven with a system of nano-fibres)
- ➔ Flow 4-6 litres / min at an operating pressure of 4 bar
- 🔄 Service Life 3 thou. / 6 thou. / 12 thou. (litres or 6 months)
- 📏 Dimensions 12.7 cm / 25.4 cm / 50.8 cm
- ⌚ Max. operating pressure 6 bar
- 🌡️ Operating temperature 5 to 40 °C



filbec nano fibers downsize the pores of activated carbon and significantly increase the adsorption effect, filtration. The filter performance is brought to a higher level and optimized.

water origin

Filbec® Nano filters unique treatment of drinking water



LINE OF FILBEC® NANO FILTERS:



- **Filbec® Nano** – water filter with activated carbon and nanofibres which smooth the pores of the activated carbon and improve the filtration efficiency.



- **Filbec® Nano Ceramic** – water filter with activated carbon and nanofibres. Also contains a ceramic adsorbent which very efficiently **reduces heavy metals**.



- **Filbec® Nano Magiont** – water filter with activated carbon and nanofibres. Enriches filtered water with **Mg2+ magnesium ions**.

EFFECTIVENESS OF FILBEC® FILTRATION:

- **Removes chlorine and chlorine compounds** trihalomethanes, haloacetic acids, halogen acetonitriles
- **Traps foreign particles and mechanical impurities** micro- and nanoplastics, sand, rust, particles, asbestos fibres
- **Traps bacteria and cysts** staphylococcus aureus, enterococcus, pseudomonas aeruginosa, legionella pneumophil, escherichia coli...
- **Adsorbs pesticides, herbicides and fungicides**
- **Adsorbs residues of pharmaceuticals** residues and compounds of contraceptives, hormones, analgesics and other pharmaceuticals
- **Reduces concentrations of nitrates**
- **Modifies undesirable colouring**
- **Improves taste and odours**
- **Maintains or enriches mineral composition of water**

