

premium filter with energization



UMH HEXAGON

Water in spring water quality

The UMH Hexagon is a very easy to install plug and play system, which can be installed within a few minutes under most kitchen sinks, in the practice area, in the office or in company kitchens.

By means of a Duo quality filter from Carbonit, all common heavy metals, hormones, pesticides, bacteria, microorganisms, fungi, yeasts, chlorine, DDT, drug residues and much more are safely reduced from the conductive water, while preserving important minerals.

After filtering, the water is energized with a newly developed UMH device, which contains 10 different handmade glass foils as a highly stable energy field, hexagonal structured and optimally made cell-available. When selecting the cartridges, any UV-treated water was also taken into account.

A completely new brass quality also ensures an even higher energy level of the treated water. During assembly, only one hose is screwed from the corner valve to the UMH hexagon filter and another from the hexagon is returned to the existing faucet.

Complex conversion of the faucet is no longer necessary, as the device provides enough water for the cold water tap with 4-6 liters per minute.

This saves you time-consuming installation costs and the Hexagon device can be easily installed by any in-house technician. In the event of a filter change / malfunction, the hoses can be easily connected to each other in order to ensure an always safe and uninterrupted water supply.



UMH Warranty

5 years warranty
on function and device technology

Warranty details can be found on:
www.umh-umwelttechnologien.at/garantie.html



Advantages

- Reduction of pollutants / minerals are preserved
- Cleans the water with activated carbon block
- Deletion of pollutant frequencies
- Improvement of cellular water absorption capacity
- Improvement of cellular nutrient absorption capacity
- Crystalline spring water structure
- Stable bioenergies
- Noticeably soft and fresh taste
- Without electricity, without chemicals, without magnets
- Environmentally friendly & resource-saving

Applications

Faucet kitchen, office, practice.
Also available as a tabletop filter with faucet.
Protect from frost. Use only with cold water.

Specifications:

Length in mm:	280
Width in mm:	180
Height in mm:	300
Flow rate liters/min:	4-6 liters
Weight in kg:	6 kg

Water at the highest level.



Activated carbon block filter

DESCRIPTION

The Filwatec activated carbon block is a sintered activated carbon filter for drinking water filtration. With a pore size of about 0.4 μm , and a 55% increased activated carbon mass compared to the NFP Premium cartridge and thus higher absorption capacity, dissolved pollutants as well as particles and microorganisms can be removed from the water even more safely.

PERFORMANCE PARAMETERS

Article: FI-210GFP020-EV
Flow: 2-3 liters / min (at 4 bar, after 5 minutes run-in)
Filter unit: 0,4 μm
Metrics: D = 76 mm, L = 246.5 mm (incl. flat seal)
Filter performance: 10,000 litres

SERVICE LIFE

According to DIN 1988, the filter cartridge should be changed after six months. As a rule, the filter is changed 2x per year. However, an earlier change may be necessary if the water flow is noticeably reduced.

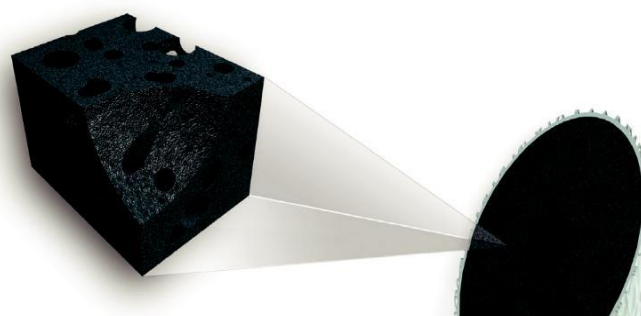
POLLUTION RETENTION

Exposure to pollutants dissolved in the water, odour and taste impairments are permanently removed by adsorption. The pore size of 0.4 μm safely retains particles, bacteria and much more.

The adsorptive retention rate (ARR) is 120% and the retention capacity (ARK) is 130% compared to Carbonit's NFP Premium cartridge. Therefore, the independent expert opinions prepared for the NFP Premium Cartridge apply without restriction to the GFP Premium Cartridge.



Sintered activated carbon block filter
(0.4 μm pore size)



The following parameters are proven for the NFP Premium:

Lead ₁ , Copper ₁	TÜV	> 90 %*
Bacteria ₂ , Microorganisms, fungi/yeasts	GFT / Universität Bielefeld	> 99 %*
Chlorine ₁ , Chloroform ₁ , Lindane ₁ , DDT ₁ , Atrazine ₁	tti Magdeburg GmbH / HS Magdeburg	> 99 %*
Drug residues ₁ , Polar pesticides ₁	Technical University of Berlin	> 99 %*

- 1.) Test with load over a useful life of 6 months
 - 2.) Test with load over filter capacity of 10,000 liters
- *) The exact retention values and test conditions can be found in the expert opinions, which you can download from www.carbonit.com/MeinFilter.

The reports on performance and hygiene have been confirmed by TÜV Berlin-Brandenburg. In addition, carbonit® NFP Premium received the LGA certificate for tested safety in accordance with German food law.

The Filwatec Activated Carbon Block Premium cartridges are manufactured in an environmentally friendly manner from predominantly renewable raw materials from Carbonit for Filwatec. (www.filwatec.de)

Water at the highest level.

