DB-NFP-E-180404

CARBONIT® Monoblock NFP Filter Cartridges

CARBONIT
FILTER MADE IN GERMANY

The Filter Cartridges of the NFP Series are ideally suited for filtering out potentially harmful substances in water systems.

NFP Select (previously NFP 22)

It is in situations where **large quantities of water** are needed that the **NFP Select Filter Cartridge** suggests itself as a possible solution, as for example in **central filtering systems in the house entry area** or as a high-performance filter for protecting appliances. By using the NFP Select filter cartridge, you minimise any chlorine content, organic contaminants and calcium and rust particles.

Service life: maximum of 6 months, less when water flow becomes considerably reduced

Filter fineness: Ca. 10 µm **Flow:** Ca. 22 liters per minute

Temperature: for technical reasons, only for use with cold water, protect from freezing

NFP Premium (previously NFP 2,0)

We recommend the use of the **NFP Premium Drinking Water Cartridge** for removing buildups of such substances in domestic pipe lines as **lead and copper**. This filter cartridge is utilised **in all CARBONIT® Drinking Water Filters**, due to its high performance capability in the face of possible drinking water contaminants and the **excellence of its hygienic characteristics**.

Service life: The filter cartridge must be replaced **after 6 months** (in accordance with DIN 1988). As a basic rule, 10,000 liters of water can be filtered within a six-month period. Earlier replacement can however be necessary when the water flow becomes noticeably reduced. **Earlier replacement is not the result of any deficiency in the filter used**, but rather a sign of the increased presence of fine particles in unfiltered water.

Filter fineness: Ca. 0.45 µm

Flow: Ca. 2 liters per minute (depending on water pressure)

Temperature: For technical reasons, only for use with cold water, protect from freezing

CARBONIT® Monoblock NFP Premium Filter Cartridges are contained as standard equipment in the following drinking water equipment:

SANUNO · VARIO · DUO

Utilisation in many commercially available standard housings is possible due to the standardised dimensions of the filter cartridge.

Summary versions of **the most important testimonials** and a **large amount of other information** can be found under **www.carbonit.com**

Contaminant retention* by the NFP Premium

Parameters	Reduction	Certifying Authorities
Escherichia coli[1]	>99.9 %	GFT/University of Bielefeld
Enterococcus faecalis[1]	>99.9 %	
Lead[2]	>90 %	TÜV Environment
Copper[2]	>90 %	
Chlorine[2]	>99 %	tti Magdeburg GmbH / HS Magdeburg
Chloroform (CKW)[2]	>99.9 %	
Lindane[2]	>99.8 %	
DDT[2]	>99.8 %	
Atrazine[2]	>99.8 %	
Medical residues[2]		Technical University of Berlin
Clofibrinic acid	>99.9 %	
Carbamazepine	>99.9 %	
Diclofenac	>99.5%	
Ibuprofen	>99.9 %	
Ketoprofen	>99.9 %	
Propiphenazone	>99.9 %	
Polar pesticides[2]		
Bentazone	>99.9 %	
2.4 D	>99.9 %	
Dichlorprop.	>99.9 %	
MCPA	>99.9 %	
Mecoprop.	>99.9 %	
p.p'-DDA	>99.5%	

1 Test with load during 6-month period of use
2 Test with load for filter capacity of 10,000 liters

*) The GFT /University of Bielefeld has also performed tests for the following pathogenic microbes, which showed that the amount filtered out was **> 99.9% for all microbes**:

Bacteria (Staphylococcus aureus, Staphylococcus haemolyticus, Enterobacter cloacae, Pseudomonas aeruginosa, Bacillus subtilis)
Microorganisms (Entamoeba coli, Giardia Lamblia, Cryptosporodium parvum, Hymenolepis nana, Schistosoma mansoni, Ascaris suum)
Fungi / yeasts (Candida albicans, Rhodotorula mucilaginosa, Saccharomyces cerevisae)

In addition, **TÜV Rheinland/Berlin-Brandenburg** has confirmed that the results of the appraisals are reliable and suffiently applicable to real-world utilisation of the cartridge.

FILTERS FROM CARBONIT: ALWAYS A GOOD CHOICE