

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](http://www.carbonit.com)



### Contaminant retention\* by the NFP Premium

Parameters	Reduction	Certifying Authorities
Escherichia coli <sup>1</sup>	> 99.9 %	GFT/University of Bielefeld
Enterococcus faecalis <sup>1</sup>	> 99.9 %	
Lead <sup>2</sup>	> 90 %	TÜV Environment
Copper <sup>2</sup>	> 90 %	
Chlorine <sup>2</sup>	> 99 %	
Chloroform (CKW) <sup>2</sup>	> 99.9 %	tti Magdeburg GmbH / HS Magdeburg
Lindane <sup>2</sup>	> 99.8 %	
DDT <sup>2</sup>	> 99.8 %	
Atrazine <sup>2</sup>	> 99.8 %	
Medical residues <sup>2</sup>		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 <sup>2</sup>		
Bentazone	> 99.9 %	
2,4 D	> 99.9 %	
Dichlorprop.	> 99.9 %	
MCPA	> 99.9 %	
Mecoprop.	> 99.9 %	
p,p'-DDA	> 99.5 %	

<sup>1</sup> Test with load during 6-month period of use  
<sup>2</sup> 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, Cryptosporidium parvum, Hymenolepis nana, Schistosoma mansoni, Ascaris suum)

**Fungi / yeasts** (Candida albicans, Rhodotorula mucilaginosa, Saccharomyces cerevisiae)

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

**FILTERS FROM CARBONIT: ALWAYS A GOOD CHOICE**