

# Monoblock WFP

## DESCRIPTION:

WFP is a sintered activated carbon block filter cartridge for drinking water filtration. With its high activated carbon mass and the special manufacturing process, it guarantees the highest possible level of organic pollutant adsorption and the reliable removal of bad odours and tastes. Dissolved minerals remain in the water.

## AREAS OF APPLICATION:

The use of WFP filter cartridges in the filter housings Quadro 60 or Quadro 120 is ideal when large amounts of water are needed. Be it the filtering of all the drinking water at the house entry point with WFP Select or WFP Protect, or the special filtering at the point of use, e.g. with WFP Premium or WFP Protect.

## PERFORMANCE PARAMETERS:

(Values in brackets apply to the long version)

Filter types:	Premium	Protect	Select	Spezial
item no.:	210WFP020 (L)	210WFP120 (L)	210WFP220 (L)	210WFP400 (L)
Flow rate [l/min]*:	3,5 (7)	12 (24)	24 (48)	40 (80)
(with 4 bar, after a running in period of 5 min.)				
* mean values				
Filter fineness:	0,4 µm	4 µm	8 µm	16 µm
Dimensions:	d = 84 mm, L = 253,5 mm (459,5 mm)			

**Service life:** The filter cartridge should be replaced at the latest after 6 months of use (according to DIN1988 - EN1717 (or 806)). Up to 60,000 l of water (WFP Spezial L) can be filtered within this time. The other values are shown in the table. An earlier replacement might become necessary if the water flow is noticeably reduced. This is no filter defect but a sign of an increased amount of very fine particles in the unfiltered water. A reduced flow rate does not affect the filter quality.

Filter type	Performance
WFP Premium	12.500l
WFP Premium L	25.000l
WFP Protect	22.500l
WFP Protect L	45.000l
WFP Select	26.000l
WFP Select L	52.000l
WFP Spezial	30.000l
WFP Spezial L	60.000l

## APPLICATION NOTES:

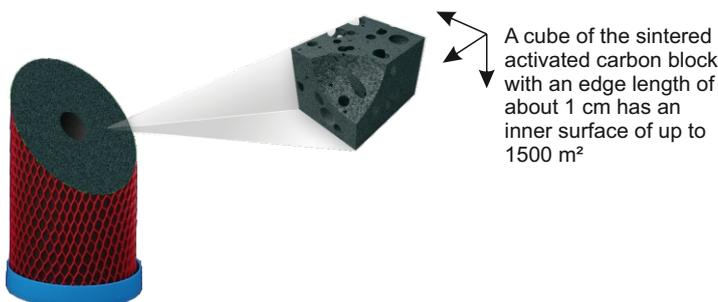
☞ Use only with cold water, protect from frost.

## FILTER DEVICES:

☞ For CARBONIT®-filter devices QUADRO- 60 und QUADRO- 120

## SCOPE OF DELIVERY:

Filter cartridge shrink-wrapped in foil with label (cartridge characteristics).



A cube of the sintered activated carbon block with an edge length of about 1 cm has an inner surface of up to 1500 m<sup>2</sup>

**carbonit**  
FILTER MADE IN GERMANY



## POLLUTANT RETENTION:

The high activated carbon mass of the WFP filter cartridge as well as the special manufacturing process guarantee the highest possible level of organic pollutant adsorption (pharmaceutical residues, polar pesticides etc.) and the reliable removal of bad odours and tastes. Its filter fineness ensures high filter reliability with regard to sediments, all other particles or bacteria\*. Dissolved minerals remain in the water.

The adsorptive retention rate (ARR) is 120 % and the retention capacity (ARK) is 130 % compared to the values of NFP Premium. This means that the independent expert evaluations carried out for NFP Premium apply in full to WFP Premium.

The following parameters have been demonstrated for NFP Premium:

Parameters	Certifying authorities	Retent. rate
Lead <sup>1</sup> , copper <sup>1</sup>	TÜV	> 90 %*
Bacteria <sup>2</sup> , microorganisms, fungi/yeasts	GFT / University of Bielefeld	
Chlorine <sup>1</sup> , chloroform <sup>1</sup> , lindane <sup>1</sup> , DDT <sup>1</sup> , atrazine <sup>1</sup> ,	tti Magdeburg GmbH / HS Magdeburg	> 99 %*
Medical residues <sup>1</sup> , polar pesticides <sup>1</sup>	Technical University of Berlin	

<sup>1</sup>) Test with contamination for the service life of 6 months

<sup>2</sup>) Test with contamination for the filter capacity of 10,000 litres

\*) The exact retention values and test conditions can be found in the expert reports which can be downloaded from [www.carbonit.com/meinfilter](http://www.carbonit.com/meinfilter).

The expert evaluations concerning performance and hygiene have been confirmed by TÜV Berlin-Brandenburg. Moreover, CARBONIT® NFP Premium has received the LGA certificate for tested safety in accordance with the German food law.

WFP cartridges are manufactured in an environmentally friendly way, predominantly from renewable resources.

Further information, expert opinions, certificates and current developments can be found on the Internet at [www.carbonit.com/meinfilter](http://www.carbonit.com/meinfilter).

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