

Monoblock IFP Puro

■ DESCRIPTION:

The IFP Puro combines the special characteristics of a sintered CARBONIT[®] Monoblock with a microfiltration capability of 0.15 µm by means of the internal Ster-O-Tap[®] capillary membrane. The carbon layer with 5 µm pore size is capable of adsorbing harmful organic substances and prefiltration of particles. The capillary membranes inside will hold back any particles exceeding 0.15 µm incl. bacteria and other microorganisms.

■ AREA OF APPLICATION:

Designed for filtration in drinking water systems (kitchen/bathroom) just before point-of-use, especially for low water pressure or where a higher flow rate is desired.

■ TECHNICAL DATA:

Part no.: 220IFPPURO-EV

Flow rate: approx. 8 l/min (at 4 bar, after 5 min. initial flow)

Pore size: 5 µm / 0.15 µm

Measures: d = 70 mm, l = 247 mm (9 ¾")

Retention: see text/table on right side

Service life: The filter cartridge must be replaced after 6 months (in accordance with DIN 1988). As a basic rule, 5,000 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.

The Ster-O-Tap[®] capillary membranes have been tested according to NSF/ANSI Standard 53 (Cyst and Turbidity Reduction). Measures and gaskets comply with international standards.

■ OPERATION NOTE:

- **Operate only with cold water!** Protect from freezing.
- If flow is reduced quickly, a sediment prefiltration (1 µm: VFS09/001) is recommended to prolong service life.
- For use in the SANUNO the **flat gasket on the bottom side** (open end) **must be removed**.

■ SUITABLE FILTER DEVICES:

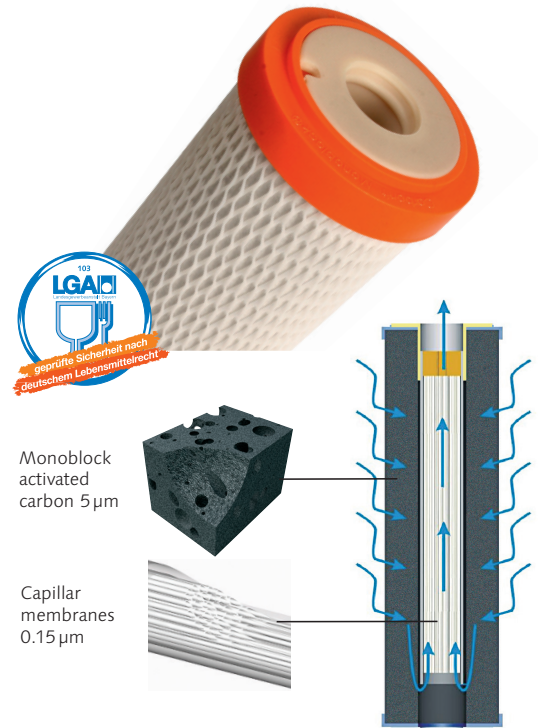
- This cartridge will fit in the following CARBONIT[®] drinking water equipment: SANUNO, VARIO-HP, DUO-HP

■ SCOPE OF SUPPLY:

Cartridge incl. flat gaskets, shrink-wrapped, packed individually in corrugated cardboard box.

Manufacturer:

CARBONIT[®] Filtertechnik GmbH
 Industriestr. 2 · 29410 Salzwedel · Germany
 www.carbonit.com



■ CONTAMINANT RETENTION:

The carbon block removes dissolved pollutants and adverse taste and odour from the water permanently. The microfiltration membranes secure the retention of bacteria. Dissolved minerals remain in the filtered water.

The following retention parameters have been proven by independent authorities:

- a) **Particle retention:** 0.15 µm according to VITO testing with bacteria (*pseudomonas diminuta*).
- b) The **adsorptive retention rate** was determined by comparison to the standard cartridge NFP Premium using in-house tests. Multiple certificates prove the retention rates of the NFP Premium cartridge. Fabrication and raw material of the activated carbon in the IFP Puro are identical to it, however the smaller carbon mass causes smaller retention values.

Parameter	Retention rate	
	NFP Premium	IFP Puro
Lead, copper	> 90 %	> 60 %
Chlorine, chloroform, lindane, DDT, atrazine, medical residues, polar pesticides	> 99 %	> 70 %

The type IFP Puro cartridges have been attested to **certified safety** in accordance with German food laws (LGA, TÜV). They are being produced environmentally-friendly mainly from renewable resources.