



Carbon block cartridges

These cartridges dedicated for water filtration systems, are made of high quality raw materials. They are composed of a mixture of carbon types - bituminous and coconut shell. The product does not contain iron and heavy metals.

Carbon blocks meet high quality standards and are certified by Institute of Hygiene. The cartridges effectively reduce chlorine content and any unpleasant smell of filtered water.

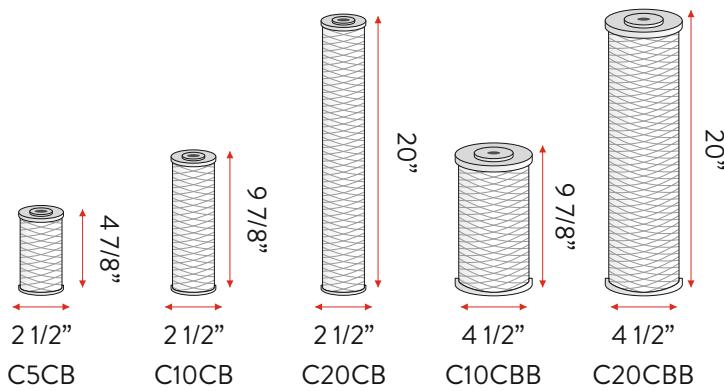
Carbon block



- made of high quality raw materials
- competitive pricing
- fast delivery
- highest quality
- effective also in low pressure installations
- remove organic compounds, chlorine and its derivatives
- improves taste and smell of water



Product certified
by the National Institute
of Hygiene (PL)



www.greenfilter.com.pl

We offer a broad range of cartridge types, from 5" to 20" height. All types are compatible with the majority of housings and systems available on the market.



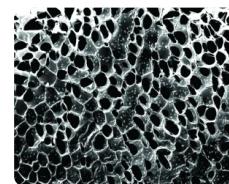
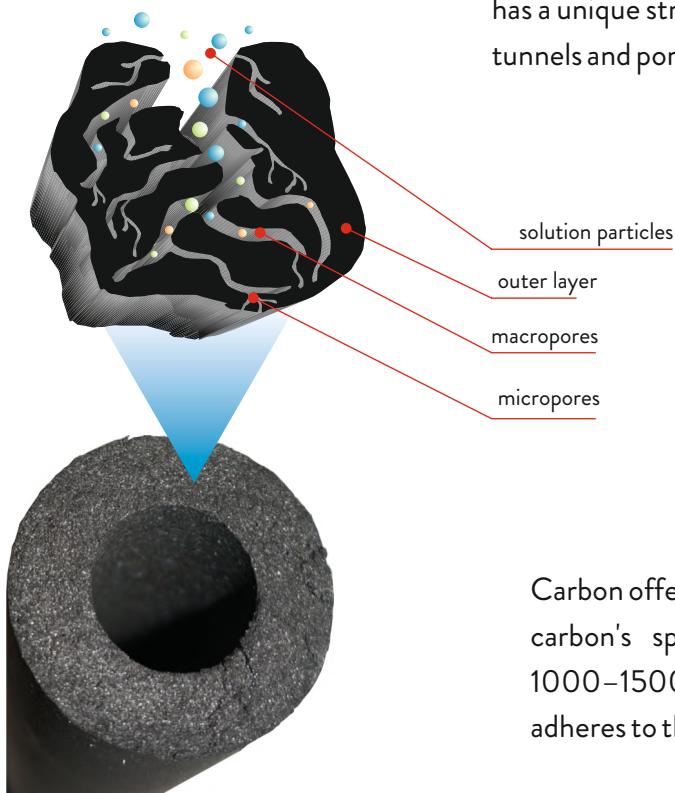
Technical data:

Symbol	Height	Micron rating	Diameter	Lifespan		
				liter	gallon	months
C5CB	4 7/8"	5 - 10 μ	2 1/2"	7 386	1953	3 - 6
C10CB	9 7/8"	5 - 10 μ	2 1/2"	15 913	4 209	3 - 6
C20CB	20"	5 - 10 μ	2 1/2"	33 304	8 810	3 - 6
C10CBB	9 7/8"	5 - 10 μ	4 1/2"	52 037	13 766	3 - 6
C20CBB	20"	5 - 10 μ	4 1/2"	108 447	28 689	3 - 6

Carbon block

How do carbon cartridges work?

As a filtration material, carbon has been used for centuries. It has a unique structure, composed of a network of microscopic tunnels and pores.



The pores on the surface appear as a result of carbon activation process

Carbon offers an incredibly high filtration potential. Activated carbon's specific surface area (SSA) is usually between 1000–1500 m²/g. It efficiently absorbs contamination which adheres to the internal surface of the pores.

The inlet water penetrates the cartridge's internal canals. Chlorine and its derivatives adhere to the pores while clear water flows out.

The cartridges reach their peak efficiency in 2 - 45°C temperature.

Caution

- In order to ensure proper functioning, the cartridge must be installed in an environment which complies to the introduced conditions.
- The efficiency presented above are approximate values. Real efficiency may be ca. 25% higher or lower than the nominal value.
- Before drinking filtered water, the cartridge needs to be flushed. Only after flushing, the filtered water is ready to use.

* Efficiency depends on inlet water quality.

Material	carbon
Lifespan	3-6 months
Work pressure	6 bar
Work temperature	2-80°C
Material (cap)	PP
Material (seal)	silicone

** Wartości mogą odbiegać od podanych o ok. +/- 5%