



**The Clear Choice**  
Water Filtration Systems

[www.aquafilter.com](http://www.aquafilter.com)

# FCCBL-S

New Carbon Block Cartridge  
"SILVER SERIES" with Latest Technology  
Delivers the Best Quality and Performance

## General Description:

Carbon blocks manufactured by **Aquafilter® Europe** are made from the highest quality materials.

In order to improve the water purification process, a mixture of bituminous and coconut shell carbons is utilized. Both comply to the strict standards of the National Sanitation Foundation (NSF).

Due to the unique formula developed by our R&D Department, the carbon block cartridges made by Aquafilter are capable of water softening and scale prevention and reduction in addition to traditional product competencies. They also remove heavy metals from water (i.e. lead, copper, mercury) as well as radioactive particles (cesium, strontium). The cartridges are excellent for taste and odor improvement.

## Features:

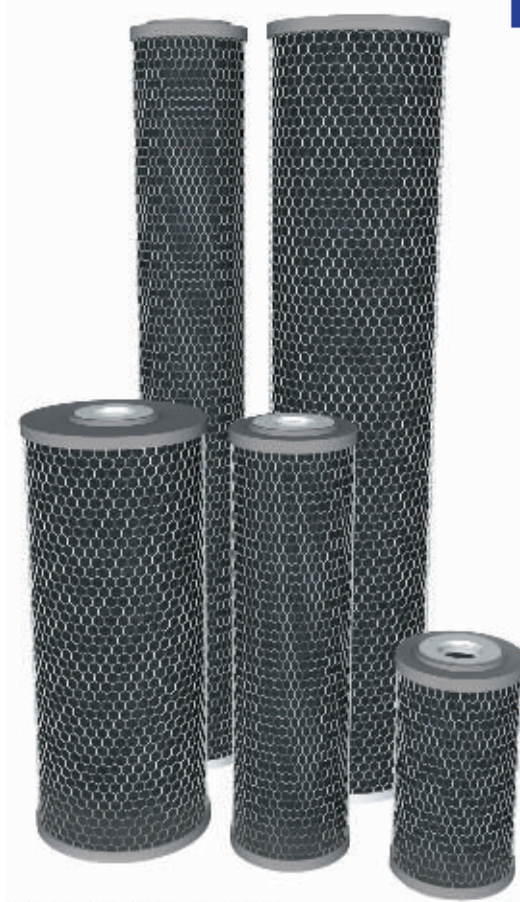
- High quality
- Competitive pricing
- Fast product delivery
- Made of safe, food grade materials
- Small orders accepted
- Made in EU
- Better value than competition
- Contains a mixture of bituminous and coconut shell carbons
- Removes heavy metals (Pb, Cu, Hg, Sr, Cs)
- Removes chlorine, its derivatives and organic substances
- Softens water (improving scale reduction)
- Improves taste and odor of water
- Excellent filtration at small pressure drops

## MIX

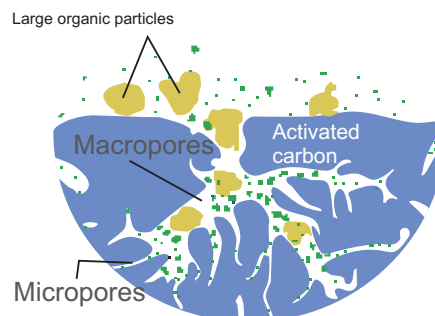
Coconut Shell Carbon  
& Bituminous Carbon



Made in EU



Activated carbon performance



Supplied water penetrates the block from its outer surface to the core. Chlorine and its derivatives are held on its surface while purified water passes through to the inside of the block. Heavy metals are strongly bonded and replaced by harmless elements which also soften water. As a result we obtain pure water.





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CAT#	Size	Working temperature	Nominal pore size	Chlorine reduction* (Filter Life)		
				L	gal	months
FCCBL5-S	4 7/8" x 2 1/2" (124 mm +/- 1 mm x 69 mm +/- 1 mm)	2°C - 80°C (35°F - 176°F)	5 µm - 10 µm	17.460	4.620	6 - 12
FCCBL-S	9 7/8" x 2 1/2" (250 mm +/- 1 mm x 69 mm +/- 1 mm)	2°C - 80°C (35°F - 176°F)	5 µm - 10 µm	37.620	9.950	6 - 12
FCCBL-L-S	20" x 2 1/2" (508 mm +/- 2 mm x 69 mm +/- 1 mm)	2°C - 80°C (35°F - 176°F)	5 µm - 10 µm	78.733	20.830	6 - 12
FCCBL10BB-S	9 7/8" x 4 1/2" (250 mm +/- 1 mm x 105 mm +/- 1 mm)	2°C - 80°C (35°F - 176°F)	5 µm - 10 µm	123.000	32.530	6 - 12
FCCBL20BB-S	20" x 4 1/2" (508 mm +/- 1 mm x 105 mm +/- 1 mm)	2°C - 80°C (35°F - 176°F)	5 µm - 10 µm	256.377	67.825	6 - 12

Free chlorine content was set as 2 ppm (mg/L). Maximum allowed free chlorine content according to regulations is 0.2 ppm (mg/L), water hardness of 2°dH (35.8 mg/l), iron content 0.2 ppm (mg/l), chlorine content 0.5 ppm (mg/l), manganese content 0.05 ppm (mg/l), ammonium ion content 0.0 mg/l, lead content 0.025 ppm (mg/l), nominal flow 2 lpm, temperature of water 23°C, pH >7.

\* filter cartridge lifetime depends on contamination level of potable water.  
\*\* applies to activated carbon

### Specification:

**Media:** bituminous activated carbon and NSF approved coconut shell activated carbon, zeolite

**Filter Life\*:** 6 - 12 months

**Operating Pressure:** 6 bar (90 psi)

**Minimum Temperature:** 2°C (35°F)

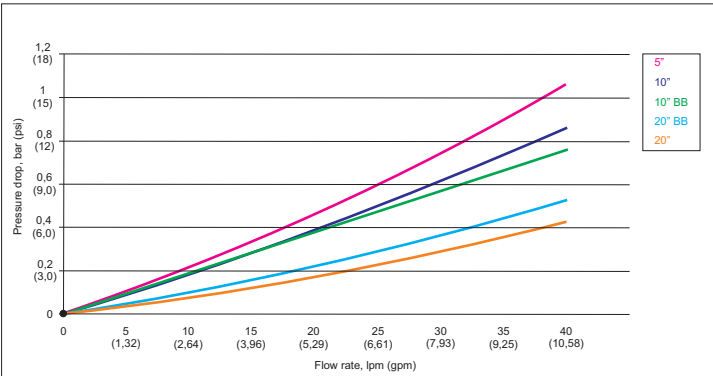
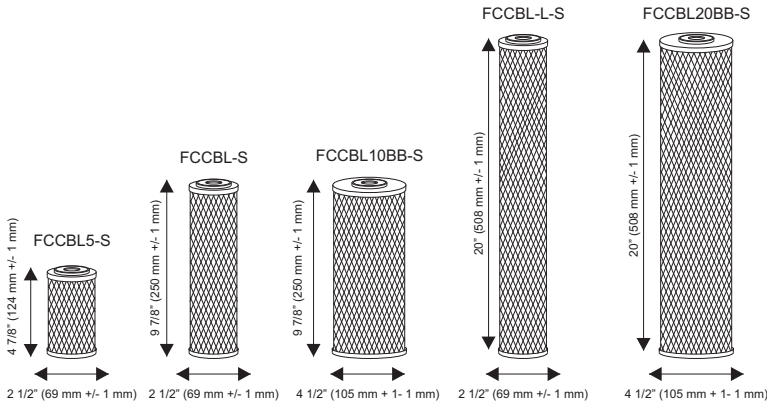
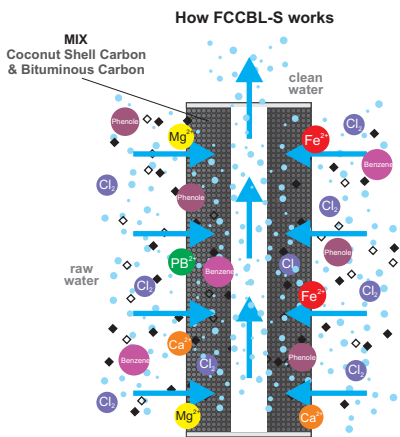
**Maximum Temperature:** 80°C (176°F)

**Contaminant Removal:** Chlorine, VOC's, heavy metals, reduces water hardness

**End caps:** PP

**Gasket:** Silicone

**Netting:** LDPE



- Performance claims are based on independent lab results and manufacturers internal test data. Actual performance is dependent on influent water quality, flow rates, system design and applications. Your results may vary.  
- Micron ratings based on 85% or greater removal of given particle size.  
- Estimated capacity using 2ppm free chlorine with greater than 90% reduction.  
- Flush new cartridges until water runs clear prior to use.  
- Performance data has not been tested.

**WARNING:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Activated carbon block filters are not designed to remove bacteria or viruses.

**Limited Warranty:** AQUAFILTER warrants that this product is free from defects in materials and workmanship.

This limited warranty does not apply to failures that result from abuse, misuse, alteration or failure to properly comply with installation or cartridge change instructions.

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