

# LENNTECH

## CB-EC BIG carbon block with outer protection sheet

**Fine sediment filtration and reduction of:** chlorine, taste, odour (CTO); volatile organic compounds (VOC); heavy metals (Pb models).

**Average life-span:** 3-6 months.

**Maintenance:** none.

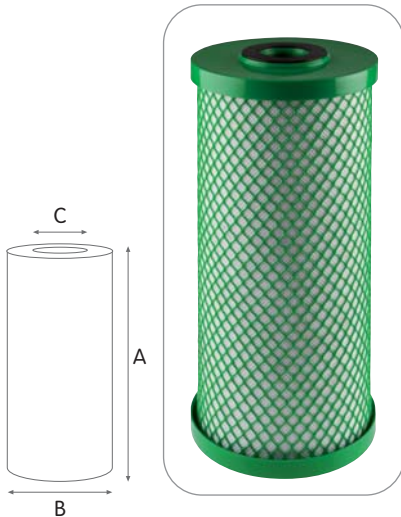
### WORKING CONDITIONS

Max working temperature \_\_\_\_\_ 45°C (113°F)  
Min working temperature \_\_\_\_\_ 4°C (39,2°F)

### SPECIFICATIONS

Non-toxic materials, suitable for drinking water.  
Filter medium: sintered block made from coconut shell activated carbon powder.  
End caps, netting and outer protection sheet: polypropylene.  
Flat seals: NBR.

A range of 4.50" OD carbon block cartridges "environmentally friendly" manufactured, made with a proprietary technology reducing green-house gas emission in activated carbon production. Activated carbon block made from coconut shell, providing fine sediment filtration and reduction of chlorine, taste, odour (CTO), volatile organic compounds (VOC), heavy metal reduction (Pb) and filtration of protozoan (Giardia, Cryptosporidium) Cyst. CB-EC BIG cartridges are available at 10" and 20" heights.



CB-EC BIG cartridges are available in a variety of:

### CONFIGURATIONS:

- SX standard configuration double open end (DOE) available for every height and diameter.

### MODELS:

- CB-EC BIG series 10" and 20" OD 4.50" ID 1.10" SX configuration.

### CERTIFICATIONS



COMPONENT

CB-EC BIG models are tested and certified by WQA according to NSF/ANSI Standard 42 for materials requirements only. Drinking water units. Aesthetic effect.

### CERTIFICATIONS



CB EC BIG cartridges are tested and certified under the most stringent procedures worldwide, in compliance with DM 25 (Italy) and GOST (Russia).

### CB-EC BIG SX

#### CARBON BLOCK CYST WITH DOUBLE OPEN END (DOE)

| CODE                | MODEL                   | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | RECOMMENDED FLOW RATE l/h | DIMENSIONS MM |     |    |
|---------------------|-------------------------|----------------|---------------------------|---------------------------|---------------|-----|----|
|                     |                         |                |                           |                           | A             | B   | C  |
| OD 4,25" x ID 1,10" |                         |                |                           |                           |               |     |    |
| RE5395506           | CB-EC CYST 10 BIG 1 mcr | 10"            | 1                         | 680                       | 250           | 114 | 26 |
| RE5397506           | CB-EC CYST 20 BIG 1 mcr | 20"            | 1                         | 1600                      | 508           | 114 | 26 |

#### CARBON BLOCK Pb WITH DOUBLE OPEN END (DOE)

| CODE                | MODEL                    | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | RECOMMENDED FLOW RATE l/h | DIMENSIONS MM |     |    |
|---------------------|--------------------------|----------------|---------------------------|---------------------------|---------------|-----|----|
|                     |                          |                |                           |                           | A             | B   | C  |
| OD 4,25" x ID 1,10" |                          |                |                           |                           |               |     |    |
| RE5395606           | CB-EC Pb 10 BIG SX 1 mcr | 10"            | 1                         | 680                       | 250           | 114 | 26 |
| RE5397606           | CB-EC Pb 20 BIG SX 1 mcr | 20"            | 1                         | 1600                      | 508           | 114 | 26 |

#### CARBON BLOCK VOC WITH DOUBLE OPEN END (DOE)

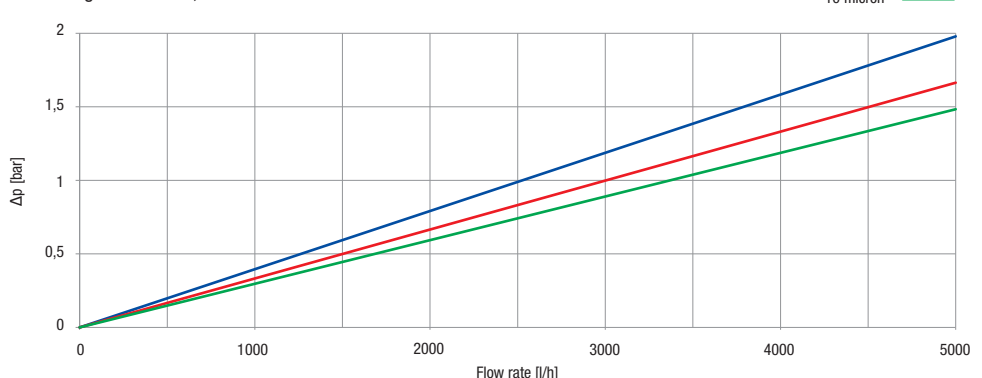
| CODE                | MODEL                  | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | RECOMMENDED FLOW RATE l/h | DIMENSIONS MM |     |    |
|---------------------|------------------------|----------------|---------------------------|---------------------------|---------------|-----|----|
|                     |                        |                |                           |                           | A             | B   | C  |
| OD 4,25" x ID 1,10" |                        |                |                           |                           |               |     |    |
| RE5395508           | CB-EC VOC 10 BIG 5 mcr | 10"            | 5                         | 680                       | 250           | 114 | 26 |
| RE5397508           | CB-EC VOC 20 BIG 5 mcr | 20"            | 5                         | 1600                      | 508           | 114 | 26 |

#### CARBON BLOCK CTO WITH DOUBLE OPEN END (DOE)

| CODE                | MODEL                   | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | RECOMMENDED FLOW RATE l/h | DIMENSIONS MM |     |    |
|---------------------|-------------------------|----------------|---------------------------|---------------------------|---------------|-----|----|
|                     |                         |                |                           |                           | A             | B   | C  |
| OD 4,25" x ID 1,10" |                         |                |                           |                           |               |     |    |
| RE5395509           | CB-EC CTO 10 BIG 10 mcr | 10"            | 10                        | 680                       | 250           | 114 | 26 |
| RE5397509           | CB-EC CTO 20 BIG 10 mcr | 20"            | 10                        | 1600                      | 508           | 114 | 26 |

### FLOW RATE vs PRESSURE DROP $\Delta p$

Tests carried on 10" elements type CB-EC BIG 10 SX.  
Testing mode: 20°C, 3 BAR



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