

CB-EC carbon block

water filter cartridge

Eco-friendly Carbon Block made with proprietary technology reducing green-house gas emission in activated carbon production



SEE PRODUCT DATA SHEET on Verso

VOIR LA FICHE DU PRODUIT en Verso - Für das Datenblatt, sehen hinter - VER LA HOJA DE DATOS DEL PRODUCTO en reverso - VERIFIQUE DETALHE DAS CARACTERÍSTICAS DOS PRODUTOS no Verso - ΒΛΕΠΕ ΦΥΛΛΟ ΣΤΟΙΧΕΙΩΝ ΠΡΟΪΟΝΤΟΣ στην πίσω πλευρά - ΑΡΚΑ ΣΑΥΦΑΥΑ ΒΑΚΙΝΙΖ - ознакомьтесь с описанием изделия за коробку - اطلع على معلومات المنتج الموجودة في خلف المصنع

MODELS RANGE

GAMME DE MODÈLES - Modellpalette - GAMA DE MODELOS - GAMA DE PRODUTOS - ΚΑΤΗΓΟΡΙΑ ΜΟΝΤΕΛΩΝ - MODELLER - диапазон моделей - انواع الموديلات

- CB-EC CTO 10 mcr - Chlorine, taste, odor reduction*

Réduction du chlore, goût, odeur - Senkung des Chlors, des Geschmackes und des Geruchs - Reducción de cloro, sabor, olor - Redução de cloro, odores, sabores - Παρακράτηση Χλωρίνης, δυσάρεστης γεύσης και οσμής - Klor, kötù tat ve koku giderimi - хлор, Вкус, снижение запаха - انخفاض أثر الرائحة، الكلور، المذاق

- CB-EC VOC 5 mcr - Volatile Organic Compounds - Pollutants reduction*

Réduction des polluants - Senkung der Schadstoff - Reducción de contaminantes - Redução de poluentes - Παρακράτηση Ρύπων - Kirililik giderimi - снижение загрязняющих веществ - انخفاض معدل الملوثات

- CB-EC PB1 1 mcr - Lead reduction*

Réduction du plomb - Senkung des Blei - Reducción de plomo - Redução de chumbo - Παρακράτηση Μολύβδου - Kurşun giderimi - снижение свинца - انخفاض معدل الرصاص

- CB-EC CYST 1 mcr - Microbial (Protozoa) reduction*

Réduction microbienne - Senkung den Mikroben - Reducción microbiana - Redução microbiana (Protozoários) - Παρακράτηση Μικροβίων (Πρωτόζωα) - Mikrop (Protozoa) Giderimi - снижение микробов (Протозоа) - انخفاض معدل الميكروبات (الطفيليات)

* Claims not certified by WQA



COMPONENT

CB-EC 10 models are tested and certified by WQA according to NSF/ANSI Standard 42 for materials requirements only.

CB-EC PB1 10 models are tested by WQA according to NSF 53 for Lead reduction.

CB-EC CYST 10 models are tested by WQA according to NSF 53 for Cyst reduction and Particulate Class I reduction as per NSF 42.

CB-EC10VOC models are tested by WQA according to NSF 53 for VOC reduction and Particulate Class II reduction as per NSF 42.

CB-EC CTO 10 models are tested by WQA NSF 42 Aesthetic Chlorine reduction at 1 GPM and Particulate Class III reduction.



OPERATING PRESSURE:
MIN 1 BAR (14.50 PSI)
MAX 8 BAR (116 PSI)



OPERATING TEMPERATURE:
MIN 4°C (39.2°F)
MAX 45°C (113°F)

WARNING:

- Do not use for drinking water in case of water microbiologically unsafe or of unknown quality without adequate disinfection before or after the component.
- Flush prior the use until water runs clear.

COMPANY WITH MANAGEMENT SYSTEM CERTIFIED BY DNV GL
= ISO 9001 =
= ISO 14001 =
= OHSAS 18001 =

ATLAS FILTRI
improving water

PERFORMANCE DATA SHEET

CARBON BLOCK MODELS	OD	nominal length	nominal µm rate	Chlorine, Taste, Odor (CTO) reduction capacity @ flow rate	initial Δp @ flow rate
CB-EC CTO 10	2"-3/4"	10"	10	8,000 USgallons @ 1 gpm / 30,000 litres @ 3,8 l/min	2,6 psi @ 1 gpm / 0,18 bar @ 3,8 l/min
CB-EC CTO 20	2"-3/4"	20"	10	16,000 USgallons @ 2 gpm / 60,000 litres @ 7,6 l/min	2,6 psi @ 2 gpm / 0,185 bar @ 7,6 l/min
CB-EC CTO 10 BIG	4"-1/2"	10"	10	16,000 USgallons @ 3 gpm / 60,000 litres @ 11,4 l/min	4,0 psi @ 3 gpm / 0,28 bar @ 11,4 l/min
CB-EC CTO 20 BIG	4"-1/2"	20"	10	34,000 USgallons @ 7 gpm / 129,000 litres @ 26,6 l/min	6,0 psi @ 7 gpm / 0,43 bar @ 26,6 l/min
Volatile Organic Compounds (VOC) reduction capacity @ flow rate					
CB-EC CYST 10	2"-3/4"	10"	1	750 USgallons @ 0,5 gpm / 2,850 litres @ 1,9 l/min	3,5 psi @ 1 gpm / 0,24 bar @ 3,8 l/min
CB-EC CYST 20	2"-3/4"	20"	1	1,750 USgallons @ 1,0 gpm / 6,650 litres @ 3,8 l/min	3,5 psi @ 2 gpm / 0,24 bar @ 7,6 l/min
CB-EC CYST 10 BIG	4"-1/2"	10"	1	2,000 USgallons @ 1,5 gpm / 7,600 litres @ 5,7 l/min	4,5 psi @ 3 gpm / 0,32 bar @ 11,6 l/min
CB-EC CYST 20 BIG	4"-1/2"	20"	1	4,000 USgallons @ 2,0 gpm / 15,200 litres @ 7,6 l/min	8,5 psi @ 7 gpm / 0,60 bar @ 26,6 l/min
Lead (PB1) reduction capacity @ flow rate					
CB-EC PB1 10	2"-3/4"	10"	1	1,200 USgallons @ 0,5 gpm / 3,800 litres @ 1,9 l/min	3,5 psi @ 1 gpm / 0,24 bar @ 3,8 l/min
CB-EC PB1 20	2"-3/4"	20"	1	2,400 USgallons @ 1,0 gpm / 9,120 litres @ 3,8 l/min	3,5 psi @ 2 gpm / 0,24 bar @ 7,6 l/min
CB-EC PB1 10 BIG	4"-1/2"	10"	1	4,000 USgallons @ 2,0 gpm / 15,000 litres @ 7,6 l/min	4,5 psi @ 2 gpm / 0,32 bar @ 7,6 l/min
CB-EC PB1 20 BIG	4"-1/2"	20"	1	8,000 USgallons @ 3,0 gpm / 30,400 litres @ 11,4 l/min	8,5 psi @ 4 gpm / 0,60 bar @ 15,2 l/min
Volatile Organic Compounds (VOC) reduction capacity @ flow rate					
CB-EC VOC 10	2"-3/4"	10"	5	500 USgallons @ 0,5 gpm / 1900 litres @ 1,9 l/min	2,6 psi @ 1 gpm / 0,18 bar @ 3,8 l/min
CB-EC VOC 20	2"-3/4"	20"	5	1,750 USgallons @ 1,0 gpm / 6,650 litres @ 3,8 l/min	2,6 psi @ 2 gpm / 0,18 bar @ 3,8 l/min
CB-EC VOC 10 BIG	4"-1/2"	10"	5	2,000 USgallons @ 1,5 gpm / 7,600 litres @ 5,7 l/min	4,0 psi @ 3 gpm / 0,28 bar @ 11,4 l/min
CB-EC VOC 20 BIG	4"-1/2"	20"	5	4,000 USgallons @ 2,0 gpm / 15,200 litres @ 7,6 l/min	6,0 psi @ 7 gpm / 0,43 bar @ 26,6 l/min

NOTICE

- Performance claims are based on independent laboratory results and manufacturer's internal test data.
- Estimated capacity tested with 2ppm free chlorine in influent water with 90% or greater reduction.
- Micron rating based on 85% or greater removal of a given particle size.
- Actual performance depends on influent water quality, flow rates, system design and application so that results may vary.
- Change the filter cartridge within the Performance Data Sheet volumes or if changes in taste, odor, flow rate occur.
- Replace the filter cartridge with a new one if left not in use for more than 1 week.
- Do not use for drinking water in case of water microbiologically unsafe or of unknown quality.
- Flush prior to the use until water runs clear.