

COMPACTED CARBON CARTRIDGE



Standard dimensions

External diameter	67 mm
Internal diameter	28 mm
Lengths	9"3/4, 20", 30", 40"

Packaging

Length	Dimension	Pieces	Weight
9" 3/4	248 mm	30 Pcs	13 kg
20"	508 mm	30 Pcs	17 kg
30"	762 mm	15 Pcs	19 kg
40"	1016 mm	15 Pcs	19 kg

Description

The QUALICARB C cartridge provides all the benefits of a traditional carbon block cartridge, such as the reduction of chlorine, taste, and odors in the treated water, while incorporating true particle filtration technology.

Thanks to its manufacturing technology, the QUALICARB C cartridge has a very low initial pressure drop (DeltaP) compared to compacted carbon, resulting in a longer service life. The QUALICARB C cartridge does not release carbon fines, which are retained by an internal barrier.

Characteristics & benefits

- Single block of compacted carbon fibers
- Nominal filtration: 5 µm
- Available lengths: 9¾", 20", 30", 40"
- Low initial pressure drop (DeltaP)
- True filtration with high particle retention capacity
- Lighter than a standard carbon block cartridge.
- Dechlorination meets the international NFS/ANSI Standard 42 test
- Max temperature: 65°C

Building materials

Filter media	Compacted mineral carbon fiber
Shell	Polypropylene mesh
End caps	Polypropylene
Seals	Santoprene
Certifications	Dechlorination meets the international NFS/ANSI Standard 42 test

References and performance comparisons with the QUALICARB C

Model	Dimensions (Øext × Øint × Length)(mm)	Micron	Initial pressure drop (DeltaP)(bar) versus flow rate (L/min)	Chlorine reduction versus flow rate (L/min)
QCC - 91	67 x 28 x 248	5 µm	0,18 bars @ 3,8 L/min	22 000 L @ 3,8 L/min
QCC - 20	67 x 28 x 508	5 µm	0,18 bars @ 7,6 L/min	44 000 L @ 7,6 L/min
QCC - 30	67 x 28 x 762	5 µm	0,18 bars @ 11,4 L/min	66 000 L @ 11,4 L/min
QCC - 40	67 x 28 x 1016	5µm	0,18 bars @ 15,2 L/min	88 000 L @ 15,2 L/min

ORDER REFERENCE

Example :

QCC -

A05

 -

B30

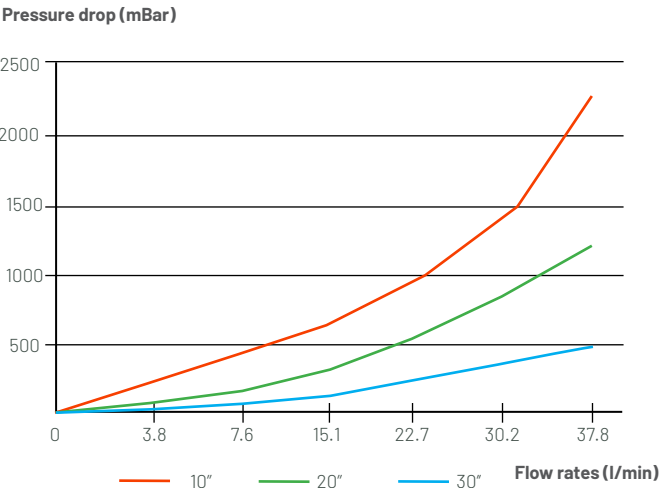
A/ Prefiltration threshold

Code	Description
05	5 µm

B/ Lenght

Code	Description
91	10" = 248 mm
20	20" = 508 mm
30	30" = 762 mm
40	40" = 1016 mm

Typical flow rates :



Note :

The results were obtained under standard internal test conditions according to the NSF 42 protocol, with 2 ppm of free chlorine at the inlet and an outlet concentration of up to 0.5 ppm, corresponding to a reduction rate of >90% up to 75%. These results may vary depending on the levels of organic components and pH. Dechlorination capacity will decrease as the flow rate increases.

The data are subject to change. They are provided for evaluation and verification purposes only and do not constitute a contractual guarantee. The user must follow the operational data specified for use within a treatment system provided by their equipment manufacturer. Before use, cartridges must be handled like any carbon-based product and used with microbiologically controlled water.