

QUALICARB C

Carbon cartridge

EN Data sheet

QUALI FILTRES
SIEBEC Group

Description

The QUALICARB C cartridge offers all the benefits of a traditional carbon block cartridge, such as the reduction of chlorine, taste and odours in the water to be treated, while providing the technology of true particle filtration.

Thanks to its manufacturing technology, the QUALICARB C cartridge has a very low initial deltaP compared with compacted carbon, which means it lasts longer. The QUALICARB C cartridge does not release carbon fines, which are stopped by an internal veil.

Advantages

- Single block of compacted carbon fibres
- Nominal filtration of 5µm
- Lengths available 9"3/4 - 20" - 30" - 40" -
- Low initial deltaP
- True filtration and particle retention capacity
- Lighter than a carbon block cartridge
- Complies with the requirements of NSF/ANSI Standard 42.



Order reference

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

Technical specifications

- Media: Carbon fibre
- End caps : Polypropylene
- Net: Polypropylene
- Gaskets : Santoprene Santoprene
- Temperature: 65 °C
- Recommended changing pressure: 1 bar



ORDER REFERENCE

REFERENCE QCC - **05** - **30**
Tab 1 Tab 2

Table 1 : prefiltration threshold

Code	Description
05	5 µm

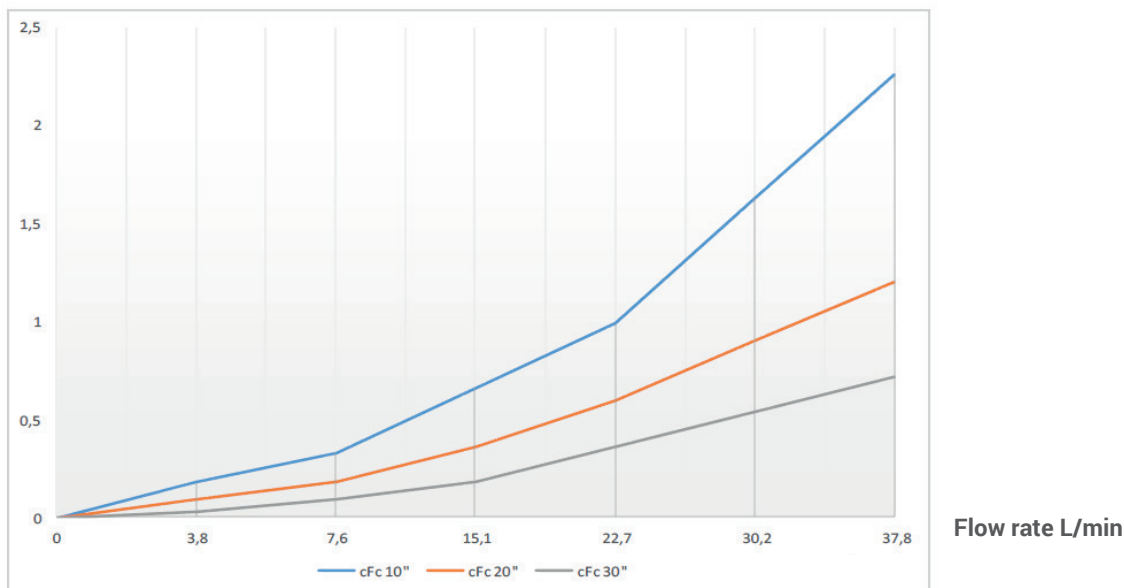
Table 2 : lengths

Code	Description
91	9"3/4 = 248 mm
20	20 " = 508 mm
30	30 " = 762 mm
40	40 " = 1016 mm

Media composed of fibres of coal



Delta P in mbars



Note :

The results have been obtained under standard internal test conditions in accordance with NSF protocol 42, i.e. 2 ppm of CL² free chlorine at the inlet for a rate at the outlet of up to 0.5ppm, i.e. a reduction rate of >90% up to 75%, which varies according to the rate of organic components and pH. The higher the flow rate, the lower the dechlorination capacity.

Data may be subject to change. They are provided for evaluation and verification purposes, but do not constitute a contractual guarantee. Users must comply with the usage data provided in a processing system supplied by their equipment manufacturer.

Before use, the cartridges must be used like any other carbon-based product, with microbiologically controlled water.

* length limits are -0+2mm