



Description

QMAX type cartridges are manufactured from extruded activated carbon blocks.

The activated carbon is first washed with a high purity acid. This unique manufacturing process guarantees a maximum exchange between the carbon and the fluid to be treated while offering an absence of fines usually present on granulated activated carbon cartridges.

Thanks to this special construction, preferential passages are avoided. As the weight of activated carbon is greater per cartridge, the yields obtained are significantly higher than those obtained with conventional activated carbon cartridges.

The extruded activated carbon is protected by a 5 µm polypropylene pre-filter upstream, which increases its service life.

Standard dimensions

External diameter	68 mm
Internal diameter	28 mm
Lengths	de 5" à 40"

Packaging

Length	Dimension*	Pieces	Weight**
5"	127 mm	50 Pcs	13 kg
7"	178 mm	25 Pcs	8 kg
9" 3/4	248 mm	25 Pcs	13 kg
20"	508 mm	16 Pcs	17 kg
30"	762 mm	16 Pcs	23 kg
40"	1016 mm	16 Pcs	30kg
10" BB	248 mm	12 Pcs	20 kg
20" BB	508 mm	6 Pcs	19 kg

*tolerances -0/+2mm

**for reference only

References

Model	Dimensions ØOD x ØID x L (mm)	Micron
QMAX - 91	68 x 28 x 248	5 µm, 10 µm
QMAX - 20	68 x 28 x 508	5 µm, 10 µm
QMAX - 30	68 x 28 x 762	5 µm, 10 µm
QMAX - 40	68 x 28 x 1016	5 µm, 10 µm
QMAX - BB 10	110 x 28 x 248	5 µm
QMAX - BB 20	110 x 28 x 508	5µm

Characteristics & benefits

- Application: Drinking water / Water treatment system / Deodorization / Alcohol decolorization / Surface treatment
- OEM program: Specific length and diameter, fitting...
- Food grade
- Max temperature: 52°C
- Carton size:
 - 53 x 35 x 25 (5" ; 7" ; 9" 3/4 ; 20" ; 10"BB ; 20"BB)
 - 29,5 x 29,5 x 77/78 cm (30")
 - 29,5 x 29,5 x 102/103cm (40")

Building materials

Filter media	Mineral GAC carbon sintered and extruded
Shell	Polypropylene netting
End caps	Polypropylene
Seals	EPDM (code 3 and 8)
Certifications	Complies with European standards

Instantaneous chlorine absorption on 5µm 9 inch 3/4 at 3 ppm @ 240 L/h

100 L treated with 0.06 ppm detected*

14,000 L reduced up to 85%, 22,000 L reduced up to 50% with 2 ppm inlet @ 240 L/h

Initial DeltaP at 3.8 L/min (240 L/h): 28 mbar per 9 inch 3/4, 68 mm

Recommended Flow Rate
250L/h max / 9" 3/5
450L/h max / 9" 3/4 BB

*Based on the instantaneous absorption capacity of free chlorine measured with a photometer.

ORDER REFERENCE

Exemple :

QMAX - **A** **CT02** - **B** **20** - **C** **E** - **D** **0**

A/ Cartridge type

Code	Description
CT02	10µm ø 68 cartridge
BB	10µm ø 116 cartridge

B/ Lengths

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

C/ Seals

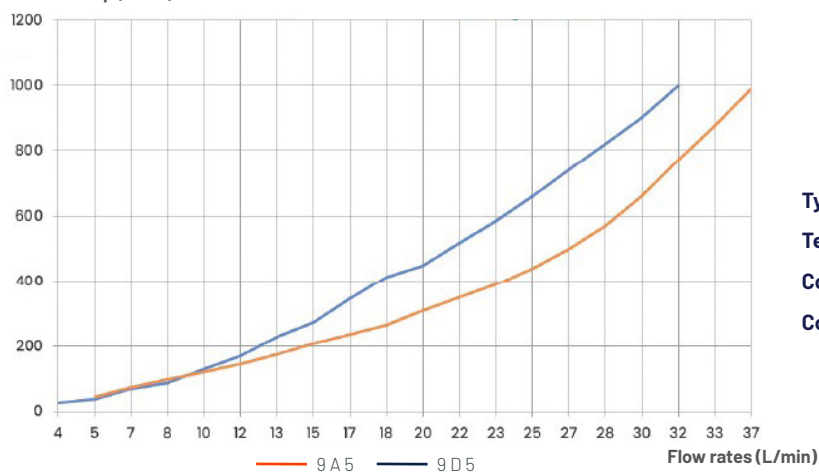
Code	Description
E	EPDM

D/ Adapter

Code	Description
0	DOE - Double opening with flat seal
3	SOE - Single open end with external 222 O-rings, other end closed flat
8	SOE - Single open end with external 222 O-rings, other end closed with guide pin

Typical Flow Rates :

Pressure drop (mBar)



Type de joint: EPDM noir Gasket

Température max d'utilisation: 52°C

Code 3: Double joint torique fermé plat

Code 8: Double joint pointe