

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 10 µm polypropylene pre-filter upstream, which increases its service life.

QMAX cartridges comply with F.D.A. standards.



Characteristics & benefits

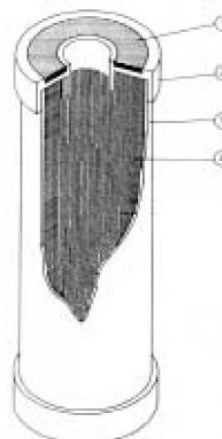
- No preferential passage.
- No by-pass.
- No migration of fine.
- Very low amount of extractable.
- Long service life.
- High retention capacity.
- Food certified (FDA).

Performances

- Chlorine reduction >90% for 2 ppm on 40000 l for a 10" cartridge.
- 10 µm filtration with > 98% efficiency model QMAXCTO/2 (5 µm nominal).
- 1 µm filtration with > 99% efficiency model QMAX01.
- Bituminous coal.
- Carbon weight > 400 g per 10" cartridge.

Recommended limits of use

	Description
Maximum temperature	50°C
Maximum burst pressure	7 bars
Maximum recommended pressure	5 bars



- 1 - EPDM seal
- 2 - DOE PP tip
- 3 - Protective PP felt
- 4 - Active carbon block



Model	Ø et L (mm)	Coal weight	Chlorine reduction capacity	Porosity	Dp to flow
QMAX CT02	68 x 248	410 g	40000 l at 225 l/h	10 µm	140 mbar
	68 x 508	820 g	85000 l at 450 l/h		
	68 x 762	1230 g	130000 l at 450 l/h		
	68 x 1016	1640 g	175000 l at 900 l/h		
QMAX 01	68 x 248	415 g	75600 l at 225 l/h	1 µm	245 mbar
	68 x 508	830 g	170000 l at 450 l/h		240 mbar
	68 x 762	1245 g	255000 at 675 l/h		
	68 x 1016	1660 g	340000 at 900 l/h		
QMAX BB	115 x 248	1100 g	116000 at 350 l/h	10 µm	60 mbar
	115 x 508	2200 g	230000 at 700 l/h		

Order reference

REFERENCE QMAX - **CT02** - **91** - **E** - **0**
Tab 1 Tab 2 Tab 3 Tab 4

Table 1 : Cartridge type

Code	Description
CT02	10µm ø 68 cartridge
01	1µm ø 68 cartridge
BB	10µm ø 116 cartridge

Table 2 : Length

Code	Description
91	9"3/4 = 248mm
10	10" = 254mm
20	20" = 508mm
30	30" = 762mm
40	40" = 1016mm

Table 3 : Seal

Code	Description
E	EPDM
N	NBR
S	Silicone
V	FPM
X	None

Table 4 : Adapter

Code	Description
0	DOE - Double opening with flat seal
3	SOE - Single open end with external 222 O-rings, other end closed flat
7	SOE - Single open end with 2 locking lugs and external O-rings 226, other end closed with guide pin
8	SOE - Single open end with external 222 O-rings, other end closed with guide pin

