CARBOFLOW Filter Cartridges

- activated carbon filters

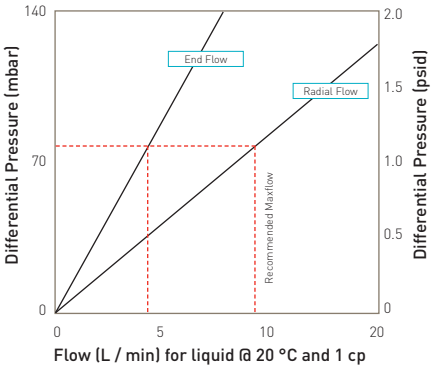
CARBOFLOW granular activated carbon cartridges contain a broad band adsorbent (typically 250g/10" length). When required the carbon can be impregnated with silver to reduce bacterial build up.

Radial flow elements consist of a bed of high grade activated carbon sandwiched between porous inner and outer sleeves which help prevent carbon migration. In the end flow version, the outer sleeve is porous only at the bottom, which forces the liquid to flow through the entire carbon bed (typically 350g/10" length) to exit at the top and results in the maximum contact time between liquid and carbon. CARBOFLOW shells can also be filled with ion exchange resins for use in ultra pure water systems and for precious metals recovery from plating solutions.

Features and Benefits

- Activated carbon filters
- Removal of taste and odour from process water
- Both radial and end flow variants available
- Filtration down to 5 micron

Performance Characteristics



For optimum life and performance we would recommend a maximum flow rate of 7 L / min for the radial flow cartridge and 5 L /mins for the end flow.

10" Size (250 mm) Cartridge

Specifications

Materials of Construction

- Filtration Media: Natural Carbon, Silvered Carbon, Anion Resin, Cation Resin, Mixed Bed Resin
- End Caps: Polypropylene
- Outer Shell: Porous Polyethylene
- Standard o-rings/gaskets: EPDM, Nitrile, PE, Silicone, Viton

Maximum Operating Temperature

60 °C (158 °F)

Recommended Changeout Differential Pressure

2 bar (29 psid)

Note
These cartridges contain a small amount of carbon fines (very fine black powder). After installation, flush the system for a minimum of 5 minutes to remove all traces of the fines before using the water. In domestic situations the water should be run for 20 seconds prior to use in cooking or drinking.

Dimensions

Outside diameter:	68 mm (2.7¨)
Inside diameter:	27 mm (1.1¨)

Applications

- Chlorine reduction
- Plating solutions
- Waste water treatment
- Decolourisation

Ordering Information

Code	Flow Path
C	Carbon
B	End Flow

Code	Length (Nominal)
09	9.75¨ (247 mm)
10	9.875¨ (251 mm)
11	10¨ (254 mm)
19	19.50¨ (500 mm)
20	20¨ (508 mm)
29	29.50¨ (750 mm)
30	30¨ (762 mm)
39	39.25¨ (1000 mm)
40	40¨ (1016 mm)

Code	Type
S	Standard
F	Fine
H	High Temp
E	End Flow

Code	Media
N	Natural Carbon
S	Silvered Carbon
A	Anion Resin
C	Cation Resin
M	Mixed Bed Resin

Code	Seal Material
E	EPDM
N	Nitrile
P	PE
S	Silicone
V	Viton*

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