Activated carbon filters FAOK

Application

Activated carbon is used for treatment of several kinds of water, such as: drinking, natural and industrial water. It is suitable where there is a large amount of material for filtration. Active carbon filters are mainly intended for filtration of dissolved impurities in the water.

Such dissolved impurities in the water may contain various substances: agents, dyes, and other organic matters. Active carbon filter also removes chlorine and potassium permanganate from the water.

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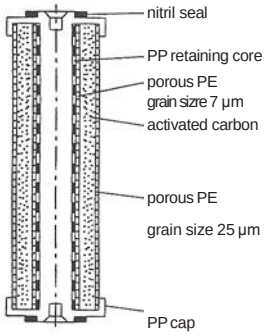
Activated carbon filters are suitable for pre-treatment water used in technological processes, where water can be polluted even with trace elements in contact with materials or during the production process itself.

When the entire surface of the filter is worn and has lost its absorbency, the filter cartridge must be replaced.

Active carbon filters can be used for filtration of drinking water if the water-tight tub of the cartridge, seals and lid are made of appropriate, safe materials.



Configuration

Activated carbon filter consists of a body with a plastic filter and a draining valve, and an activated carbon tube with feed and discharge filters in the polypropylene body.

Activated carbon filter	FAOK 9 3/4	FAOK 20
Filter lid Transparent filter bottom Seals	Polyamide Acrilonitril styrene Perbunan / nitril	Polypropylene Polycarbonate Perbunan / nitril
Bleed valve Retaining core Grain size of porous PE Activated carbon quantity	Brass Polypropylene Intake 25 mm / return 7 mm 260 g	brass Polypropylene Intake 25 mm / return 7 mm 520 g
Nominal flow Max flow with pressure drop of 0,2 bar	200 ÷ 400 l/h 780 l/h	400 ÷ 800 l/h 1560 l/h
Connection Max working pressure Max working temperature	R 1" 10 bar 30 °C	R 1" 7 bar 30 °C
Length of the filtration element Overall length L Overall height H	9 ¾" 122 mm 295 mm	20" 122 mm 560 mm