

ACTIVE CARBON FILTERS

Application

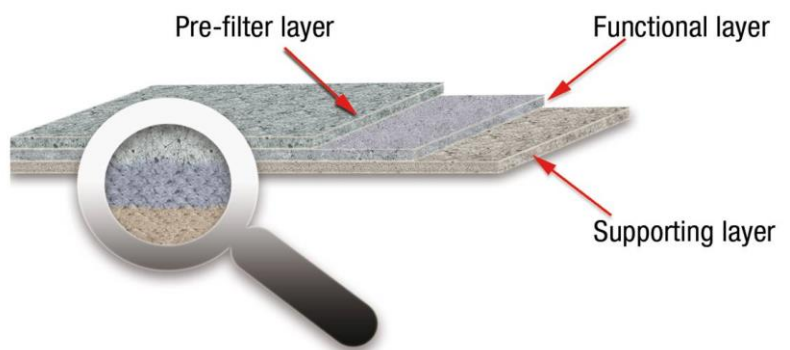
Used to remove unpleasant smells and gases:

- food and dairy products processing,
- medical facilities,
- medicine manufactory,
- foundries
- gas turbines



Description:

Activated carbon filter media is very porous carbon product. In activation process applied oxygen open millions of pores in carbon granule structure. This greatly increases activated carbon's ability to absorb other chemical materials, which bond with open pores in carbon. Media consist from 3-layered structure with pore size gradient.



Active carbon filters can remove food and other odors, smog, smoke, gasoline, phenol vapors, various fumes, solvents from paint, which can be unpleasant and harmful for humans.

Advantages:

- Maximized adsorption of harmful gases and odours
- Sustained mechanical filtration efficiency over the lifetime of the filter — no drop of efficiency after installation
- High quality filter with low air flow resistance

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V-type filters (3V, 4V)



Width (B), mm	Height (H), mm	Depth (D), mm	Filter class EN 779	Filter class ISO 16890
592	592	292	G4, F7	Coarse 70, ePM 2,5 50
592	490	292	G4, F7	Coarse 70, ePM 2,5 50
592	287	292	G4, F7	Coarse 70, ePM 2,5 50

V-Type filters with large filtration area are used in ventilation systems and equipment, where medium and high efficiency filtration is required.

Technical information

Media: activated carbon with high-quality synthetic or glass fiber.

Housing: high quality plastic.

Maximum pressure drop: 450 Pa

Maximum operating temperature: 75°C

Relative humidity: <70%

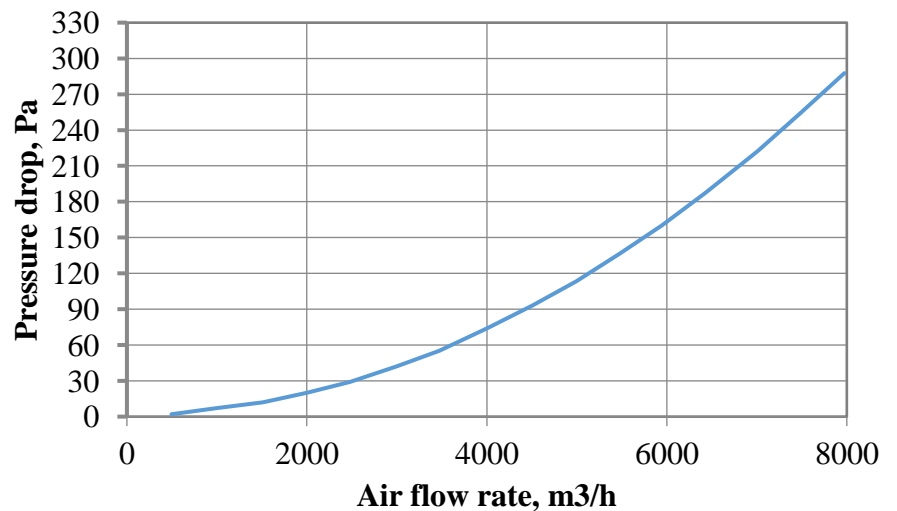


Diagram of pressure drop loss: tested filter 592x592x292