

F19PA

Activated carbon panel filters



Product

F19PA

Frame

Robust galvanized steel

Adsorbent element

Granular activated carbon

SPECIFICATIONS

Activated carbon panel filters, model F19PA, consisting of galvanized steel frame, electrolytically galvanized micro-stretched meshes and granular activated carbon.

FUNCTIONS

They function as pre-filtration and must be preceded by high efficiency pre-filters to prevent clogging.

APPLICATIONS

Absorption of odours and toxic substances in gaseous form. Air purification in low airflow systems. Purification of ambient air from hydrocarbons, inorganic compounds, fume compounds.

VERSIONS

FO - carbon for absorption of odours and organic solvents

FA - impregnated carbon for absorption of acid vapours

FI - impregnated carbon for absorption of toxic gases, radioisotopes

TECHNICAL FEATURES

	FO	FA	FI
Regenerability	Yes	Yes	
Initial pressure drop	50	50	50
Recommended final pressure drop (Pa)	120	120	120
Limit temperature value (°C)	80	80	80
Relative humidity (%)	70	70	70



INSTALLATION

Activated carbon cells should be installed both vertically (horizontal airflow) and horizontally (vertical airflow). They can be installed in dedicated counter-frames or duct housings.

MAINTENANCE

This type of filter is completely regenerable: saturated activated carbon must be regenerated using steam.

DISPOSAL

Saturated activated carbon is not a toxic or hazardous waste. For disposal, refer to current regulations based on the substances treated with the activated carbon.

DIMENSIONS

Dimensions mm	Nominal Q m ³ /h	Carbon volume dm ³
500x500x23	600	5,0
500x500x48	300	11,2
500x500x96	150	24,0
590x240x18	250	2,0
583x237x18	250	2,2
583x474x18	500	4,5