

PRODUCT DATASHEET

THE CARBOPLEAT DISPOSABLE PANEL - GAS PHASE FILTRATION

The Carbopleat Disposable panel filter provides a low cost but effective solution to removing airborne molecular contamination at levels of less than one particle per million. It provides low resistance to air with uniform dispersion of carbon throughout the media. Being fully incinerable, the product is particularly suited for application where this form of disposal of the spent filter is anticipated.

Construction

The Carbopleat Filter contains a dual layer core of pleated carbon impregnated media that is so stiff, it is self supporting and requires no additional metal supporting wire. The pre-filter layer of the media also provides G4 efficiency to EN779. The media is loaded with 220g/m² of 60x50 mesh activated carbon making it both highly effective and long lasting. Adhesive is not used in the media, with the carbon granules thermally bonded into the media; this ensures that 95% of the carbon's surface is utilized in use.

The aerodynamic pack is then fully bonded into a moisture resistant rigid white lined card frame and fitted with an airflow indicator.



Applications

The carbopleat is suitable for most applications to remove airborne molecular contamination at levels of less than one particle per million, typically, furnaces, heating vents, air purifiers and ozone removal devices.

Range

The FP/PL is available in a large range of standard sizes in 2" (50mm) nominal depth and may also be produced in non-standard sizes to suit application requirements.

The key attributes of the product are consistent efficiency, robust construction and long life combined with low replacement cost.

Filter Reference	Dimensions	Media Area (m ²)	Rated Capacity (m ³ /hr)	Initial Resistance (pa)	Carbon Weight (g)
FP/CPL 24242	595x595x47mm	1.18	2040	70	232
FP/CPL 24122	595x296x47mm	0.55	1020	70	109
FP/CPL 24202	595x495x47mm	0.93	1700	70	186

Please note: In their continuous search for product improvement Westbury Filtration reserve the right to change materials and specifications without prior notice.