

TripleAir Carbon pleated panels

Applications

The Carbon pleat 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



Construction

The 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 media provides G4 efficiency (EN779)

The media is loaded with 220g/m² of 60 x 50 mesh activated carbon making it both highly effective and long lasting .

The carbon granules are thermally bonded to the media this ensures 95% of the carbons surface is utilized in use.

The aerodynamic pack is then fully bonded into the frame and fitted with an airflow indicator

The frames can be moisture resistant card or PVC

Clean Room Filtration and Lighting Technology

TripleAir Technology are suppliers of high quality HEPA and ULPA filtration, ceiling grid systems and luminaires for the clean room industry. We offer fully integrated ceiling solutions for projects and cleanroom facilities.

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Data

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	260
FP/CPL 24122	595x296x47mm	0.55	1020	70	120
FP/CPL 24244	595x595x95mm	2.64	4400	80	580
FP/CPL 24124	595x296x95mm	1.28	2100	80	280

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