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Carbon Filter System

Low Pressure Carbon Filtration System

Carbon filtration is ideal for removing unpleasant or even dangerous odours and gases from a wide variety of sources. The ever increasing awareness of this problem from public health authorites and environmentalists has resulted in an increase in the use of the unique properties of activated carbon filtration. Carbon will adsorb chemical molecules in the airstream in varying degrees according to the type of cantaminant and the period of time the air remains resident in the carbon.

Activated Carbon in its loose granular form can present problems as there is a tendency to for the granules to abrade one another. This causes both settlement of the carbon creating potential bypass voids and produces carbon dust that can be reentrained into the air-stream. The unique bonding method eradicates these problems by producing a solid and stable biscuit of consistent quality and dimensional stability that produces an even resistance. Once formed the biscuits are bonded in 'V' formation into a rigid galvanised steel casing.

Typical applications for carbon include:

- incoming air in industrial plants
- airports
- art galleries etc. or
- outgoing air in kitchens
- industrial processes
- sewage plants etc.

Spec sheet overleaf >

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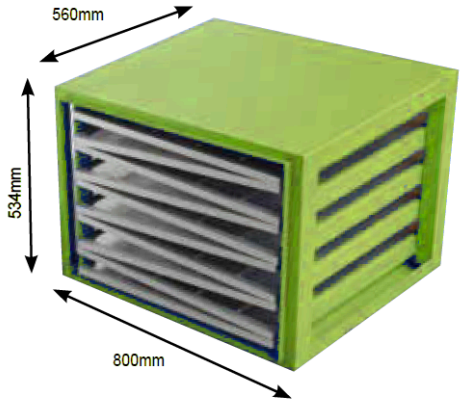
Carbon Filter System

Low Pressure Carbon Filtration System

Model CB 2500

Unit	H:534mm, W:560mm, L:800mm
Cabinet	1.2mm Electro Galvanized Steel
Finishing	Powder Coated, Dark Blue
Gross Weight	100Kg
Weight of Carbon	40Kg
Nos. of Carbon Tray	10 pcs
Sizes Of Carbon Tray	660 x 555 x 20mm
Airflow Capacity	1,800 to 2,500 cmh
Residential Time	0.1 to 0.2 Sec
Air Flow	Left to Right, Right to Left
Static Pressure	100 to 127 Pascal



Model CB 5000

Unit	H:534mm, W:1110mm, L:800mm
Cabinet	1.2mm Electro Galvanized Steel
Finishing	Powder Coated, Dark Blue
Gross Weight	180Kg
Weight of Carbon	80Kg
Nos. of Carbon Tray	20 pcs
Sizes of CarbonTray	660 x 555 x 20mm
Airflow Capacity	5,000 to 7500 cmh
Residential Time	0.1 to 0.2 Sec
Air Flow	Left to Right, Right to Left
Static Pressure	100 to 127 Pascal

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