

# ACTIVATED CARBON PANELS



## CONSTRUCTION:

The panels are manufactured using long established bonding techniques which hold the activated carbon in a rigid biscuit. The biscuit is encapsulated in a carbon impregnated cloth which prevents and leakage of granules or powder.

For filters over 45mm we create a panel using 2 thin biscuits on the outside and loose filling the void between with activated granules. This allows us to use special grades and combinations of formulated carbon, for instance school grade carbon which is a blended mixture of carbons designed for fume cabinets. Depth: 12mm to 150mm

Please check with our sales department when specifying carbon filters as most applications require a bespoke solution specifically tailored for the job in hand.

## TYPICAL APPLICATIONS:

- Reduction of Cooking odours
- Removal of Kerosene Exhaust Fumes
- General Odour Reduction
- Neutralisation of Ammonia and its Derivatives
- Removal of Formaldehyde
- Removal of Airborne Pollutants and Contaminants

Galvanised framed carbon cells containing activated carbon granules in either bonded rigid panel form or loose fill form; used for the removal of molecular contaminants, odour control and kitchen extract systems.

## STOCK GRADES OF CARBON

- Grade Application
- AC207 Good general Carbon grade suitable for many applications
- AC209 Copper Coated Carbon for use in Museums and archives
- ACKI For enhanced garlic odour removal
- ACSC1 School Grade for acid Gasses and SO<sub>2</sub> HCL NO<sub>2</sub> H<sub>2</sub>S
- ACAM Ammonia
- ACMO Mortuary Grade, formaldehyde Removal
- ACCA Caustic, Potassium Hydroxide Impregnated
- ACGU Special formulation for Sewage odours

Part number	Size (HxWxD)	Weight of carbon (Kg)	Capacity m <sup>3</sup> /hr	
			0.1 Sec Dwell	0.2 Sec Dwell
H300/1001	594 x 594 x 45mm	7.14	514	257
H300/1054	292 x 594 x 45mm	3.51	253	126
H300/1005	495 x 594 x 45mm	5.95	429	214



# FILTREX

SMART FILTRATION