

# H100/H200 ACTISORB

## CARBON CARTRIDGE SYSTEM



### DESCRIPTION

A unique activated carbon filter system offering high-efficiency granular-bed filtration with a low-pressure drop and the option to refill. The system is competitively priced, and offers both design and installation advantages. The mounting plate has a 38mm flange which allows the unit to slide into a bag-type rail, or they can be fitted permanently within a ducted unit and the cartridges only removed via a side or rear access opening, offering a retrofit alternative to a multicell panel or carbon unit system.

### ACTIVATED CARBON FILTRATION

Activated carbon is widely used to treat impurities in air; both for odours in supply and recirculating air systems and for environmental treatment of discharged air. The efficiency of activated carbon varies depending on the particular contaminant, the condition of the air entering the unit and the period of contact with the carbon bed. However, it is effective in most common pollutants such as kitchen and cooking smells, traffic odours, ozone, petrol and oil odours, animal and body smells, sewage and other biological odours.

### ADVANTAGES

- Ease of handling when changing.
- Highly effective granular carbon filtration piece circular seal.
- Re-fillable.
- Range of carbon media for specific applications.

The below table represents two common examples of carbon cartridge layout

Product Code (Backplate)	Spec.	Product Code (Cartridge)	Spec.	Overall Unit Size (mm)	No. of Cartridges	Airflow Rate	Pressure drop at rated flow	Max temp. /humidity	Total Carbon quantity
H200/1001 (FC30)	Height (mm)	H100/1001	Diameter (mm)	610 x 610 x 400	9	2000 m <sup>3</sup> /hr	180 Pa	50°C / 70% RH	28 kg
	610								
	Width (mm)		160						
	610								
H200/1002 (FC15)	Height (mm)	H100/1001	Length (mm)	305 x 610 x 400	6	1200 m <sup>3</sup> /hr	170 Pa	50°C / 70% RH	16 kg
	305								
	Width (mm)								
	610								



# FILTREX

SMART FILTRATION