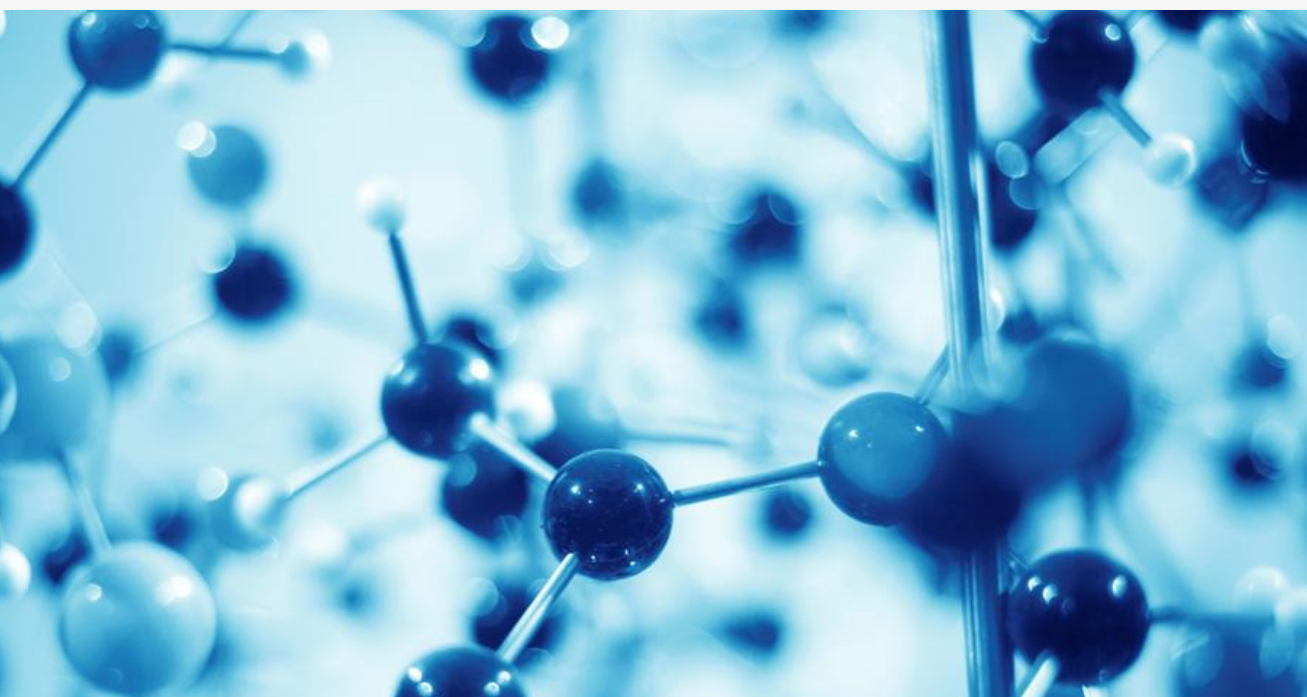


Fume Cupboard Filters and Service for Schools, Colleges and Universities



GRD School Fume Cupboard Replacement Carbon Filters

GVS use a blend of specifically selected grades of activated Carbon to deal with contaminants as detailed in Building Bulletin 88 (see table below). Our filters have been CLEAPSS tested and approved under BS7989 (Standard for recirculatory filtration fume cupboards).



Building Bulletin 88

Inorganic Compounds	
Aluminium chloride & bromide	Mercury and its compounds
Ammonia	Nitric acid vapour
Ammonium chloride fumes	Nitrogen oxides
Bromine	Phosphine
Carbon monoxide*	Phosphorous (white)
Chlorine	Phosphorous chlorides &
Chromium(VI) dichloride dioxide	Phosphorous oxides
Hydrochloric acid vapour	Silicon tetrachloride
Hydrogen*	Sulphur chlorides
Hydrogen chloride	Sulphur dioxide
Hydrogen sulphide	Thionyl chloride
Iodine	Tin (VI) chloride
Iodine chlorides	Titanium tetrachloride
Lead fumes	Zinc chloride fumes
Lead bromide fumes	
Lead bromide fumes	

Organic Compounds	
Acid amides	Carboxylic acids
Acid anhydrides	Esters
Acid chlorides	Ethers
Alcohols	Ketones
Aldehydes	Nitriles
Aliphatic amines & their salts	Organohalogens
Aliphatic hydrocarbons*	Phenols
Aromatic amines & their salts	Pyridine
Aromatic nitro compounds	

Dusts / Particulates (Removed by Pre-Filter)
Dyes
Enzymes
Smoke
Note: Hydrogen, Carbon Monoxide and Methane will not be adsorbed by filters due to their low molecular mass

Choosing the correct filter

GVS produce a wide range of standard sizes to suit a range of brands and models of fume cabinets such as:

Astec,
Bigneat,
Bioquell,
Captair,
Erlab,
Labcaire,
Safelab,
Semper.*

* All the brand names above are registered trademarks and their exclusive property.

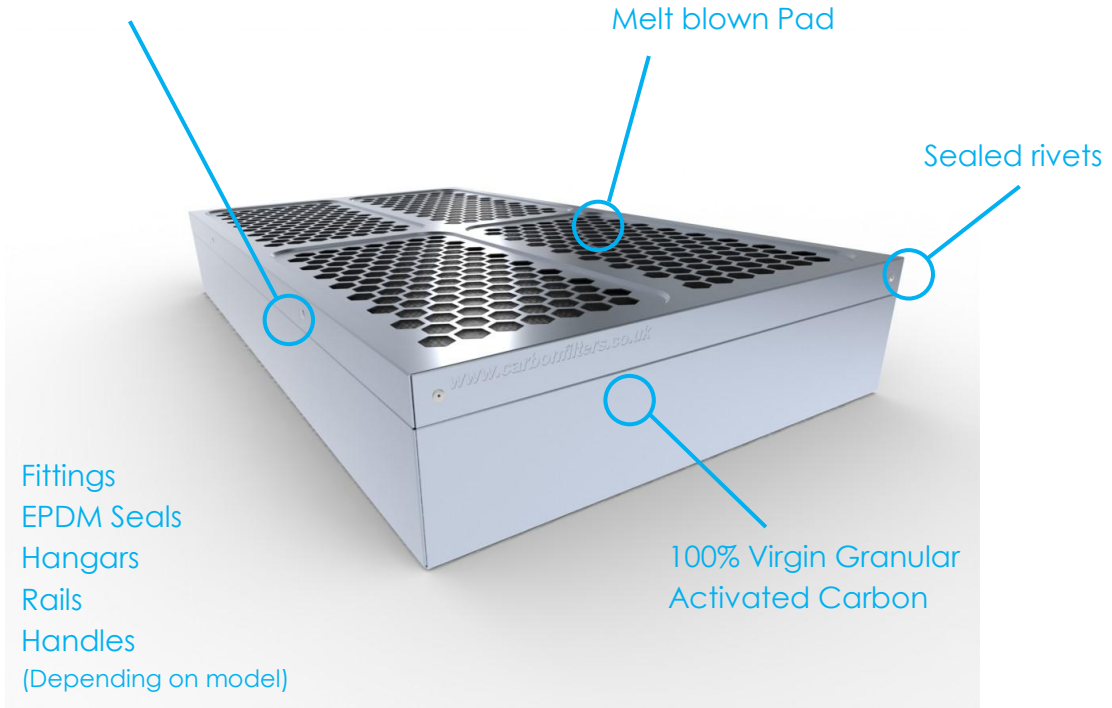
Just select your brand and model and we can supply filters to suit. Alternatively just give us the length, width and depth of the unit and we can produce **special sizes** to suit your unit.

Alternatively, purchase filters from us directly at: www.carbonfilterstore.com

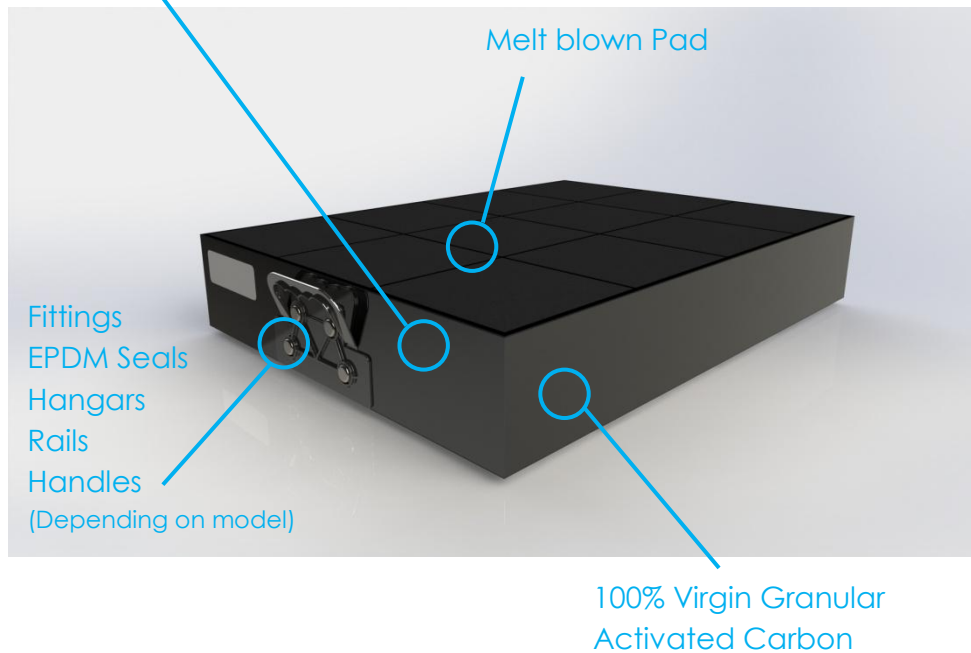


The GVS Carbon Filter

Zintec Steel Case Version
(Optional Powder Coating on Request)

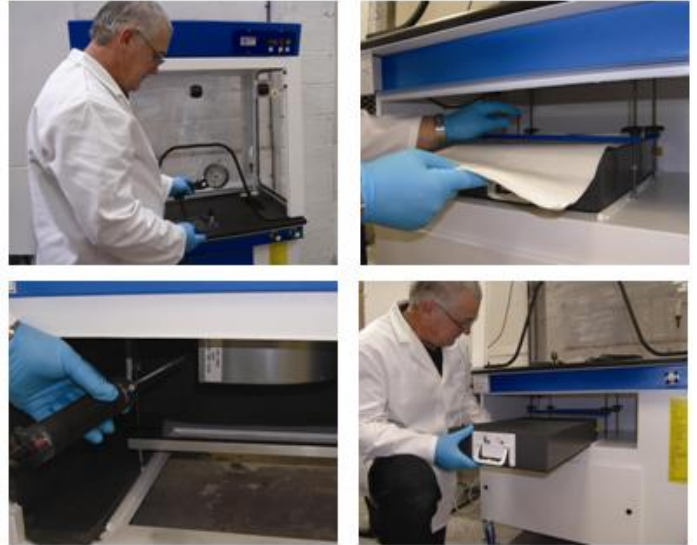


PVC Case Version



Fume Cupbaord Maintenance

Fume cabinets should be tested, serviced and validated on an annual basis to ensure efficient operation and conformance with safety requirements. Pre-filters should be changed every 3-6 months depending on use of the cupboard. Damaged or insecure seals on filters can lead to leakage into the work environment. The carbon filter life-span will depend on the type of contaminants it is required to remove and their volume. Carbons give no warning that they are nearing the end of their life – they simply stop working. Carbon also has a limited life-span even if the fume cupboard itself is not being used. Lab technicians are therefore advised to include testing of the carbon filter as part of their regular testing and validation procedures.



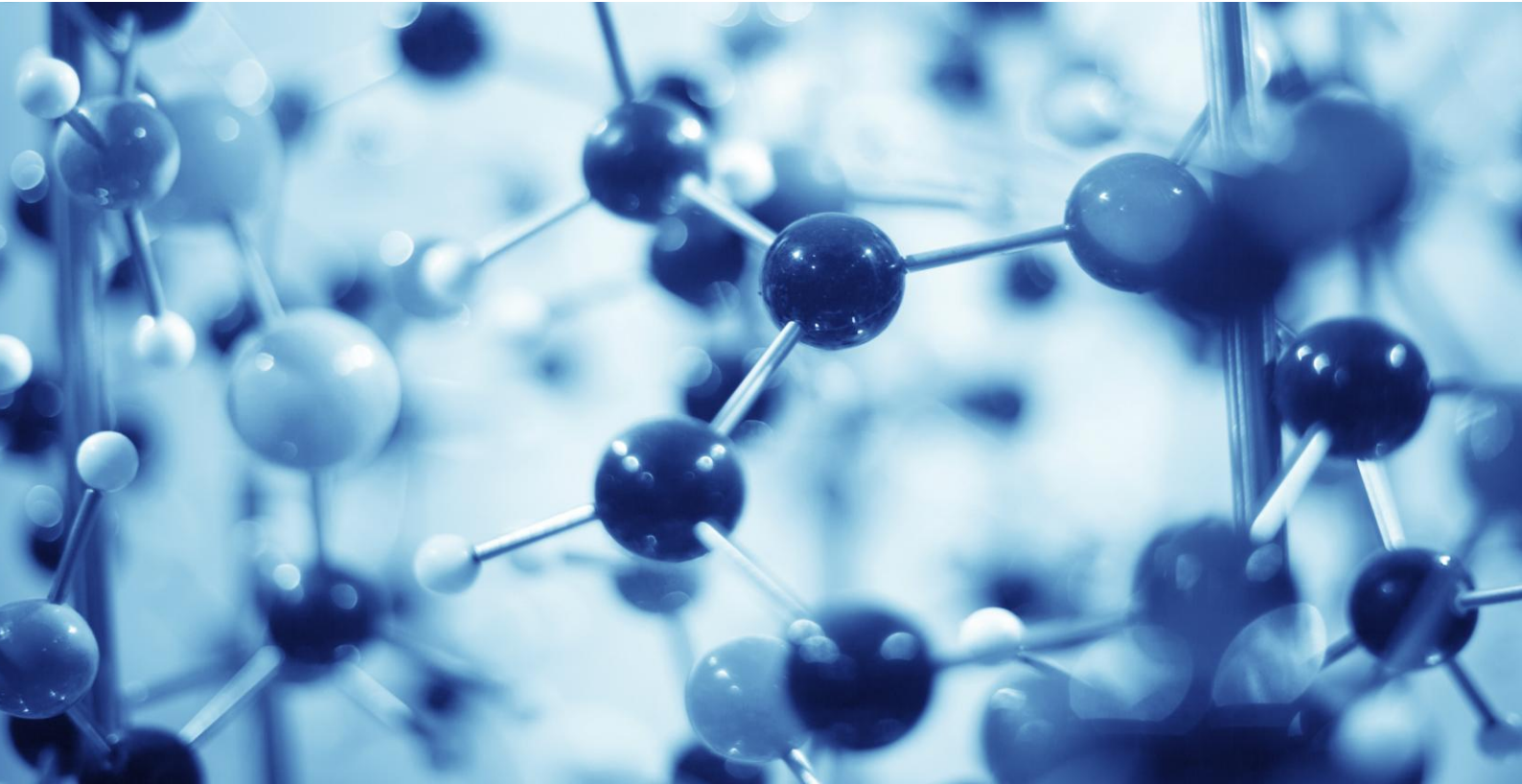
On site service

GVS offer maintenance and servicing for fume cabinets. We have P601 trained technicians who can perform servicing on the cabinets, replace the carbon and pre-filters then certify they are safe to use.

Services that we provide:

- Fume cabinet filter replacement
- Fume cabinet gas testing
- Fume cabinet certification
- LEV testing for weld, wood dust and solder extraction
- Duct cleaning
- Duct installation
- Air-conditioning servicing, de-gassing, re-gassing and installation. (Our engineers are F-Gas certified).
- Supply, installation and service of GVS Nailstation units.





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