

1F. Fume Extraction Systems



Materials of Construction

- Poly Vinyl Chloride (PVC)
- Polypropylene / Fire retardant



- Glass Re-enforced Plastic (GRP)
- Stainless steel / Galvanised



Introduction

The Clean Air range of fume extract systems are designed to handle a wide variety of fumes. Complimenting the range of fume cupboards, the systems are individually engineered for optimum efficiency, reduced noise levels and energy conservation.

TURN-KEY PACKAGE

Energy save Variable Air Volume (VAV) systems available with automatic motorized dampers.

Attenuation to suit varied noise criteria.

316 Grade stainless steel fire dampers with access panels.

Intumescent fire collars / crush collars.

A variety of materials of construction to suit the clients individual application.

Fan units supplied in a variety of designs and materials with three phase or single phase motors. Available with inverter drives, direct / in-direct driven and with forward or backward curved impellers.

Scrubbing systems to remove harmful fumes and corrosives.



Low Velocity systems to reduce sizes of plant, ductwork and capital costs.

ducted,
filtration
and
contamination
control
equipment

Performance and safety

Fully compliant with BS7258, DW151 and DW154. Our design engineers are qualified to carry out site surveys and ascertain the most suitable route prior to issuing computer aided design (CAD) layouts for client approval / planning permission.

Commissioning

A complete commissioning package is available with visual demonstrations of all equipment upon completion.



Annual Maintenance

Clean Air offer annual maintenance and inspection of both new and existing fume cupboards and extract systems.

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