

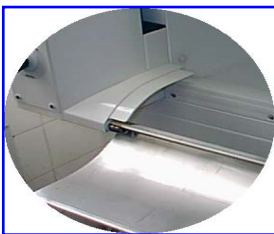
Low Volume Fume Cupboards

Expelling all
doubts



Radius profile 1800mm wide "Low Volume" fume cupboard shown with tissue guards, vented storage cupboards & cosmetic infill panels.

The normal specification for fume cupboard airflow is to provide an average face velocity of 0.5m/sec across the open sash area. This is normally a minimum and can range up to 1.0m/sec. Where a number of fume cupboards are grouped together the total extract air volume can be very high. This is expensive heated air lost out of the laboratory. The solution to this problem can either be external on the extract systems by using expensive variable air volume (VAV's) or internally in the fume cupboard, which is a far cheaper option.



Benefits

- Reduced operating costs are guaranteed.
- Reduced Volumes of warmed air are guaranteed.
- Expensive VAV systems are unnecessary.
- Reduced Volumes mean Reduced sizes of ducts which reduces costs of ducting and building costs.
- Reduced costs of building ventilation plant.
- Existing laboratories can have a greater number of fume cupboards.
- Fitted onto existing extraction plant.
- Virtually maintenance free.
- Reduced Volumes means that powders are handled & weighed more safely.
- Reduced Volumes means greater operation comfort.

Performance and Safety

The Low Volume Fume Cupboard has been tested to BS EN 14175 and gave excellent containment results.

Contact

Clean Air Limited
Dunscar Industrial Estate
Blackburn Road
Bolton
Lancashire
BL7 9PQ
United Kingdom
Tel +44 (0) 1204 591115
Fax +44 (0) 1204 591116
Website: cleanairltd.co.uk
E-Mail: sales@cleanairltd.co.uk

Annual Maintenance

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

ducted,
filtration
and
contamination
control
equipment

