



Fume Cupboards...for Life

Aero Fume Cupboards

The new Aero range of Fume Cupboards have been designed to meet the demands of modern day laboratories whilst appealing to the more cost conscious customer.

Available in 5 standard widths, the new Fumair Aero fume cupboard comes as standard with all of the quality, safety and performance enhancing features of its sister product, the Fumair AeroExcel, including our popular GRP moulded inner chamber.

- Fully compliant with BS:EN 14175 (and the superseded BS:7258)
- Manufactured in the UK
- Independently tested and proven to provide the very highest level of fume containment, even at energy-saving face velocities as low as 0.3m/sec.
- Unique one-piece moulded GRP inner liner. Wide-radius corners and edges provide excellent airflow dynamics, easy cleaning and decontamination
- Heavy duty epoxy coated steel fascia with angled side and top aerofoils section for improved airflow into the fume cupboard chamber.
- Removable profiled S316 grade brushed stainless steel lower cill.
- Extremely low maintenance
- Easy access to services and electrics via removal front panels
- Clean stylish looks to compliment the modern lab
- 5-year parts and labour warranty (conditions apply)



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Standard Features

The Fumair Aero range of fume cupboards are designed and built to withstand the demands of modern chemistry laboratories.

Standard features include:

- Full compliance with BS:EN 14175.
- Class-leading containment at average face velocities as low as 0.3m/sec.
- Heavy duty epoxy coated steel fascia and external side panels, with smooth aerofoiled sections into the chamber for improved airflow and containment.
- Sash bypass grille at high level to compensate for sash movement and eliminate excessively high face velocities at low sash opening heights.
- One-piece GRP moulded chamber and full width removable back baffle with high and low level extraction slots, for smooth consistent airflow across the whole of the sash opening and easy cleaning/decontamination.
- Hinged maintenance panel above the chamber for access to duct connection, light assembly and sash mechanism.
- Worktop with all-round spillage containment edging and dripcups, sinks and troughs to suit requirements. Available in a choice of materials.
- Polyester powder coated steel sub-frame with stainless steel fixings.
- Vertically sliding 6mm thick toughened glass frame-less sash with full width aerofoiled handle. Sash suspended on 2 x 3mm stainless steel cables running over nylon pulleys with roller bearings. A fail-safe counterbalance arrangement ensures the sash is restrained in the unlikely event of one of the sash cables breaking.
- Polyester powder coated steel support frame with heavy duty adjustable feet and 250mm deep service void to the rear.
- Sash stop mechanism that limits the sash to a safe working height (500mm). An override feature allows the sash to raise fully to facilitate loading and unloading of apparatus. The override feature automatically resets as the sash is lowered. Minimum height sash stops fitted to protect the user's fingers.
- High-frequency twin fluorescent light providing in excess of 750 Lux at the work surface, sealed from the airstream and controlled from an engraved fused switch.
- Water, gas and air services fitted to suit requirements. Control valves are mounted on the front service panel, outlets are mounted on the inner side walls of the liner.
- Switched socket outlets, data outlets, isolators, RCDs and MCBs fitted to suit requirements.

Model	A1000	A1200	A1500	A1800	A2000
Width (external / internal)	1000 / 740	1200 / 940	1500 / 1240	1800 / 1540	2000 / 1740
Height (external / internal)	2400 / 1100 (max)				
Depth (external / internal)	930 / 620 (max)				
Sash Height (max / min)	760 / 25 (safe working height stop at 500)				
Extract Volume (m ³ /h)*	670	850	1120	1390	1570

* Extract volume is approximate, based upon an average face velocity of 0.5m/s with the sash at its maximum working height of 500mm.

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