

Aero

General Purpose Laboratory Fume Cupboard



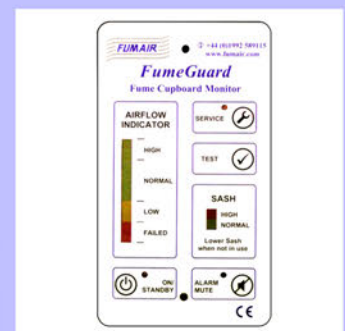
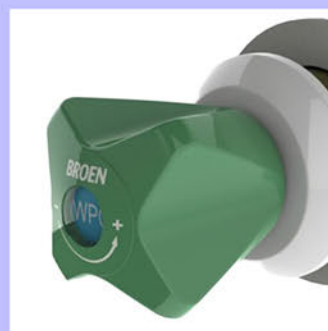


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General Purpose Laboratory Fume Cupboard

The Fumair Aero range of BS:EN14175 Laboratory Fume Cupboards have been designed to meet the demands of the modern day lab, whilst appealing to the more cost-conscious customer.

- Long Lasting
- Optional GRP Liner
- High Containment
- Stainless Cill
- Customisable



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General Purpose Laboratory Fume Cupboard

Standard Widths Available

1000mm 1200mm 1500mm 1800mm 2000mm 2100mm

Available in 6 standard widths, the new Fumair Aero fume cupboard comes as standard with all the quality, safety and performance enhancing features of its sister product, the Fumair AeroExcel, including the popular option of our 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- Fully compliant with BS:EN 14175 (and the superseded BS:7258).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.
- Laboratory-grade solid laminate inner liner, with full-width removable rear baffle (other materials available).
- Heavy duty epoxy coated steel fascia with angled side and top aerofoils sections for improved airflow.
- 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 laboratory.
- 5-year parts and labour warranty (conditions apply)

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- Full compliance with BS:EN 14175 and the superseded BS:7258
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.
- Inner chamber with full-width removable rear baffle, optimised to provide an even face velocity across the sash opening at all heights. Available in a choice of materials including our popular one-piece moulded GRP.
- 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.
- Epoxy 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.
- Energy-saving LED lighting, providing in excess of 750 Lux at the work surface, sealed from the airstream and controlled from an engraved fused switch.
- Electrical sockets, water, gas and air services fitted to suit requirements.
- Bespoke sizes, walk-in and step-in models available.
- Suitable for Constant Volume and Variable Volume operation.

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Standard Measurements

Height (External/Internal)	2400 / 1100mm (max)
Depth (External/Internal)	930 / 620 (max)
Sash Height (Max/Min)	760 / 25mm (safe working height stop 500mm)

Standard Widths

1000mm Overall Width	-	740mm Internal working width
1200mm Overall Width	-	940mm Internal working width
1500mm Overall Width	-	1240mm Internal working width
1800mm Overall Width	-	1540mm Internal working width
2000mm Overall Width	-	1740mm Internal working width
2100mm Overall Width	-	1840mm Internal working width