



Standard Fumair BS:7258 Fume Cupboard - B Range

The Fumair B range of fume cupboards have been the mainstay of the company for the last 30 years. Fully compliant with the recommendations of BS:7258 these fume cupboards are designed and built to withstand the most rigorous of uses and conditions.

The front fascia, sides, inner chamber and baffle are moulded from fire retardant, chemical resistant glass reinforced plastic (GRP). This material offers excellent resistance to a wide range of chemical substances, physical impact and abrasions and, being one-piece moulded with large radiused corners, provides easy cleaning and decontamination.

Standard Sizes (mm)	B1000	B1200	B1500	B1800	B2000
Width (external / internal)	1000 / 740	1200 / 940	1500 / 1240	1800 / 1540	2000 / 1740
Height (external / internal)	2600 / 1100 (max)				
Depth (external / internal)	930 / 620 (max)				
Sash Height (max / min)	680 / 25 (safe working height stop at 500)				
Extract Volume (m ³ /h)*	670	850	1120	1390	1570

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

Features incorporated as standard include:

- Moulded front with aerofoiled section into the chamber for improved airflow.
- Full width bypass grille at high level to eliminate excessively high face velocities at low sash opening heights.
- Full width hinged access panel above the chamber for maintenance purposes.
- One-piece GRP moulded chamber with integral 'fishtail' duct transformation piece.
- Full width removable GRP back baffle with high and low level extraction slots.
- Worktop with all-round containment edging and dripcups, sinks and troughs to suit requirements. Available in a choice of materials.
- 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.
- 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 are fitted to protect the user's fingers.
- Polyester powder coated steel sub-frame. All fixings in stainless steel.
- Polyester powder coated steel support frame with adjustable height feet and 250mm wide service void to the rear.
- Twin fluorescent light providing in excess of 750 Lux at the work surface, sealed from the airstream and controlled from a fused switch.
- Two twin switched socket outlets and high level illuminated isolator switch.
- Water, gas and air services fitted to suit requirements. Front control valves are mounted on the front service rail and outlets on the side walls of the chamber.

Special sizes can be custom built to order.