



The Standard Fume Cupboard



ISO 9001
ISO 14001
ISO 45001





The Standard Fume Cupboard

The cost-effective Standard fume cupboard range meets the requirements of BS EN 14175. Its slightly smaller dimensions make it ideal for areas where ceiling height is restricted.

The Standard range is designed to be customised to accommodate individual process requirements. There is a wide choice of options available to tailor it to your application.

The twin-skin shell of the standard fume cupboard has distinctive, aerodynamically angled styling for reliable and efficient air movement. Not all fume cupboards come with everything a Clean Air unit has as standard. Check what's included when comparing products.

All This as Standard

- 6mm thick toughened glass sliding sash
- Sash high stop for operator safety
- Fire resistant twin skin shell
- Flush membrane control panel
- Energy-efficient, long life LED flat panel lighting
- Factory pre-plumbed and pre-wired for efficient on-site connecting
- External carcass constructed from polyester powder-coated zintec steel
- 12 month free warranty

Controls

- Advanced programmable control panel
- Alarms for air velocity, sash high and fan operation
- Alarm levels reported on the display
- BACnet MS/TP & Modbus RTU available



Servicing

A Clean Air service includes much more than simply face velocity testing – ask us for details

- Full service and maintenance packages available
- Options to lock in prices
- Highly trained test engineers
- Never over-run your test date with our free test scheduling service
- Most makes and models of fume cupboard serviced

Customise to your application

- Bench-mounted, distillation, walk-in, & height adjustable models
- Variable Air Volume (VAV) technology for energy efficiency, Constant Air Volume (CAV), and Low Flow designs
- Bespoke and larger size units are available on request – tell us your preferred dimensions
- Recirculating carbon-filtered systems where ductwork cannot be installed
- Automatic sash closure with PIR presence sensor
- Automatic fire suppression system (dry powder, CO₂, or foam)
- Worktops from Cast epoxy, Trespa® TopLab® PLUS, ceramic, stainless steel, polypropylene or PVC-u
- Broen, Vacuubrand and Spectrolab services
- Drip cups, wall-mounted recessed drip cups, and sinks
- Standard single socket outlets, commando socket outlets, data sockets and emergency stop button
- Alternative sash configurations including framed sash, framed sash with horizontal sliding glass panels, split sash, triple sash and combination sash systems
- Internal liners from Trespa® solid grade laminate, PVC-u, polypropylene, or stainless steel
- Scaffold bosses (polypropylene or stainless steel) and scaffold frames
- Polypropylene tissue guards
- Standard steel storage cupboards, polypropylene acid storage cupboards, fire-rated solvent storage cupboards or vac pump cupboards
- Pass through ports in side panels or from front panel into the chamber
- Anti-shatter film for glass panels
- Colour matching to your branding in RAL colours



Fume cupboard independently tested to BSEN14175

The Standard Fume Cupboard

Technical Specification

Standard	Units	Units
External Depth	900mm	Internal Depth (Sash to Baffle)
External Height	2075mm	External Height (With Sash Fully Open)
Duct Connection Height	2210mm	Internal Chamber Height
Standard Operating Sash Opening Heights	400mm or 500mm	Maximum Sash Opening Height (To install equipment)
Power Supply Required	1ph - 32A	665mm

Specific						Units
External Width	1200	1500	1800	2000	2400	mm
Internal Chamber & Sash Opening width	900	1200	1500	1700	2100	mm
Volume @ 0.4 m/s face velocity, 400 mm sash opening	0.17	0.23	0.29	0.33	0.40	m ³ /s
Volume @ 0.5 m/s face velocity, 400 mm sash opening	0.22	0.29	0.36	0.41	0.50	m ³ /s
Volume @ 0.4 m/s face velocity, 500 mm sash opening	0.22	0.29	0.36	0.41	0.50	m ³ /s
Volume @ 0.5 m/s face velocity, 500 mm sash opening	0.27	0.36	0.45	0.51	0.63	m ³ /s
Power consumption (excluding sockets), 240V, 50Hz 1ph	46	46	64	64	64	Watts

