

Fixed Ducted

EDUCATIONAL FUME CUPBOARD



Fume Containment

Conduct safe chemistry experiments in the classroom

Ideal for chemistry labs, prep rooms and classrooms in schools and colleges, fixed ducted fume cupboards from TCS are fixed in position and feature glazing to three sides for maximum visibility. They are suitable for studying a wide range of chemicals where harmful fumes need to be extracted from the work area, and come in a choice of three widths.

When budgets are under pressure, schools can benefit from low lifetime maintenance costs, with no annual filter replacements or consumable changes required.

All TCS educational fume cupboards are compliant with CLEAPSS Guide G9 – [Fume Cupboards in Schools](#) (Revision of DfEE Building Bulletin 88), BS EN 14175, BREEAM compliant (ENE11 & HEA17), CLEAPSS tested and Good Practice Guide 320 – Energy Efficient Design and Operation of Fume Cupboards.

Please ask us about turnkey installation packages including a full PVC extraction system with fan unit.



Fixed ducted fume cupboards for schools provide 100% exhaust to the atmosphere

KEY FEATURES

- Choice of 1m, 1.2m or 1.5m widths to suit most classrooms and prep rooms, with bespoke sizes also available
- Toughened safety glass to three sides for class demonstrations
- 100% exhaust to atmosphere to keep pupils safe from hazardous fumes
- Trespa Toplab work surface, designed to withstand hundreds of chemistry experiments every term
- Airflow control panel is child's play to use

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715 MODEL SIZE		1 m	1.2 m	1.5 m
Dimensions				
External				
Width	mm	1000	1200	1500
Depth	mm	715	715	715
Height	mm	2070	2070	2070
Internal				
Width	mm	900	1100	1400
Depth	mm	500	500	500
Height	mm	1070	1070	1070
Working sash height	mm	400		
Worktop height from floor	mm	900		
Weight				
Net Weight	Kg	180	220	270
Electrical data				
Voltage	V	240		
Hertz	Hz	50		
Power supply		Pre-wired to junction box mounted at high level. Mains supply required: 240V 13A fused spur		
Filtration				
Pre-filter		<i>Not applicable for ducted units</i>		
Carbon filter		<i>Not applicable for ducted units</i>		
Airflows				
Design face velocity	m/s	0.4	0.4	0.4
Exhaust volume	m ³ /s	0.158	0.194	0.246
Materials				
External carcass		Mild steel epoxy coated		
Vision panels		5mm toughened glass		
Worktop		Trespa Toplab		
Baffles		Trespa Toplab		
Lighting		Twin fluorescent light tubes		
Underbench storage cupboards (lockable)		Mild steel epoxy coated		
Ductwork connection (PVC)		Ø200dia PVC		Ø250dia PVC
Services				
Power sockets		1 No. Double Switched Socket – RCD protected		
Mechanical service taps		1 No. Water and 1 No. Gas		
Control panel		Push button to control ON/OFF, lights and fan. Audible and visual alarm		

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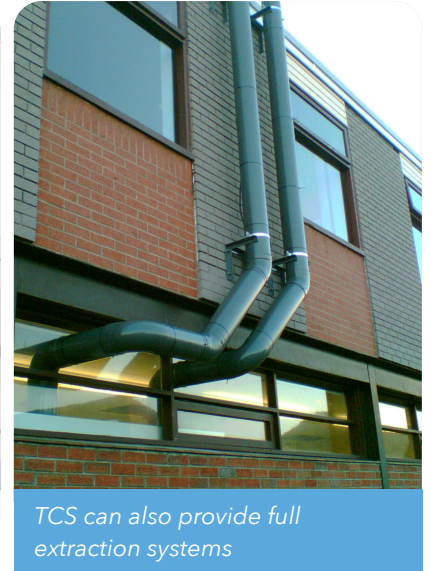
Fume Containment



Available in a choice of three widths



Fully glazed option for 360° visibility



TCS can also provide full extraction systems

CUSTOMISE TO SUIT YOU

- Choose a width of 1000mm, 1200mm or 1500mm
- Choice of worktop material
- Different service configurations
- Sink in lieu of drip cup

*Looking for something specific?
Bespoke options are available.
Please call us to discuss your requirements.*

SERVICE AND MAINTENANCE

To ensure a lifetime of trouble-free use, we offer a comprehensive 12 month service contract. This will ensure your fume cupboard remains compliant with the latest regulatory requirements, and that staff and pupils are protected at all times. Please ask us for details.

QUALITY STATEMENT

Since 2004, Total Containment Solutions (TCS) has been manufacturing premium, bespoke fume cupboards for industrial laboratories, universities, schools and colleges in the UK and Ireland. Our engineers and production team are committed to the highest standards of excellence, meeting the requirements of ISO 9001:2015 and operating on Lean principles. As part of Envair Technology, we can also offer access to a full portfolio of clean room and containment solutions.



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