

FCES

- a sliding sash, bench mounted, fume cupboard for general laboratory use -



FUME  CARE

FCES

A traditional sliding sash fume cupboard design which allows the door to be fully closed, ensuring the content is fully contained whilst in VAV (Sleep) Mode. Ductless construction allows simple setup for immediate use.



Harmful fumes pass through the units filters, re-circulating clean air back into the laboratory.



There is no need for expensive ducting to be installed due to the units recirculatory airflow.



The safety alarm will alert the operator if face velocity falls below 0.3 M/Sec.



Its ductless construction allows for the unit to be moved.



Carbon and HEPA filters are available to suit most laboratory applications.



Internal lighting illuminates the work surface.



Electronic monitoring system comes as standard.



Glass windows allow for tri-directional viewing.



Designed by leading fume filtration specialist, John Haugh.



Product manufactured in ISO 9001 quality controlled facilities.



FC-ES-20

Catalogue No	FC-ES-10	FC-ES-20	FC-ES-30
Dimensions (WxDxH), mm	800 x 720 x 1200	1300 x 720 x 1200	1650 x 720 x 1200
Working Base Area, mm	750 x 650	1200 x 650	1550 x 650
Main Filter 12kg (qty)	1	2	3
Safety Filter 5kg (qty)	1	2	3
Airflow (m3/hr)	246	492	738
Prefilter (efficiencies superior to 99.6%)	1	2	3
Noise (dBA)	<55	<55	<58
Face Velocity (m3/sec)	>0.5		
Electrical Supply	Single Phase, 230v, 50Hz		
Switches	Mains ON/OFF		
Monitoring	Electronic Control Panel		
Lighting (watts)	>400 Lux		
Fan	Low Noise Centrifugal		
Construction	Epoxy coated mild steel unit. Sash Front. Toughened Safety Glass.		



FULL COMPLIANCE TO: BS EN 61326-1:2006
TESTED TO: BS 7989 (Face Velocity and Containment)

ACCESSORIES

Description	FC-ES-10	FC-ES-20	FC-ES-30
Stand	FCES10-B-Stand	FCES20-B-Stand	FCES30-B-Stand
Stand (storage)	FCES10-E-Stand	FCES20-E-Stand	FCES30-E-Stand
6 Prefilters	FC-PRF		
Tap **	TODC		
Elec. Socket	DSSO		
Gas Tap	Gas		

**Where Gas or Water Taps are ordered then a separate installation fee will be incurred.

FILTERS

To ensure operator protection, the correct filter selection is critical. When ordering please refer to the filter selection chart and also state the containments being used.

Main Filters are required in each Fume Cupboard. Backup/Safety Filters are optional. Prefilters come supplied. Quantities to order: 1 Filter for FC-ES-10, 2 Filters for FC-ES-20, 3 FilterS for FC-ES-30.

Filter Type	GP	FOR	ACI	ETH	SUL	AMM	CYN	ACR	ACM	HEPA	Custom*
Safety Filter No.	FCS-001	FCS-013	FCS-015	FCS-018	FCS-016	FCS-012	FCS-017	FCS-002	FCS-003	FCS-030	FCS-110
Main Filter No.	FCM-001	FCM-013	FCM-015	FCM-018	FCM-016	FCM-012	FCM-017	FCM-002	FCM-003	FCS-030	FCM-110

*Maximum mix of 2 carbons are available on this filter type