

Furniture

Filtration Fume Cupboards, FumeCare FCES-series

A range of three sizes of sliding sash door fume cupboards accommodating accessory replaceable, activated carbon filters providing filtration, absorption or neutralisation of airborne contaminants. Accessory impregnated carbon filters are available for use in a wide range of extraction applications. Comply with BS EN61326-1:2006 and tested to BS7989 (face velocity and containment).

- ◆ Full airflow and filter constant monitoring system with display, service date information and filter type indicator.
- ◆ Greater than 0.5m/s face velocity
- ◆ All filter exchange mechanisms are on the clean side of the filter and switches and electrical components are totally isolated from the dirty airflow and contamination
- ◆ Built-in, 2 x 15W fluorescent illumination
- ◆ Low airflow alarm if face velocity <0.3m/second
- ◆ Sliding sash door opening
- ◆ Electrostatic pre-filter
- ◆ Quiet (<58dBa)

Construction

White epoxy coated mild steel frame, rear panel and head unit with glass windows in the side panels and glass sash front door. A removable front panel to the head unit allows easy access to the filters and clamping mechanisms. Controls are situated in the head unit front panel for easy operation.

Specification

Model FC-ES-	10	20	30
Dimensions, mm W	800	1300	1650
D	720	720	720
H*	1200	1200	1200
Filters†	1	2	3
Weight kg	45	80	100
Service required	230V 50Hz a.c. single phase supply — all models		

*Internal height: 800mm.

†Indicates the number of main (and safety) exhaust filters required.

COMMISSIONING

A commissioning service for the filtration fume cupboards is available within the UK at additional cost — details on request.



FZ491

Filtration Fume Cupboards, FumeCare FCES-series

As described. Supplied with full airflow and filter constant monitoring system with display, service date information and filter type indicator, low airflow alarm and electrostatic pre-filter(s). For 230V 50Hz single phase supplies. Require, but are not supplied with, main exhaust filters, as indicated in the table.

FZ491-10 Model FCES-10

FZ491-20 Model FCES-20

FZ491-30 Model FCES-30

Main Filters

Impregnated carbon exhaust filters to absorb specific contaminants as indicated. PLEASE STATE THE CHEMICAL CONTAMINANTS TO BE EXTRACTED WHEN ORDERING SO THAT THE MOST APPROPRIATE FILTER CAN BE SPECIFIED FOR THE PURPOSE. Supplied singly. Please refer to the main table for individual cupboard requirements.

	Ref.	Contaminant
FZ487-06	GP	Solvents, alcohols etc.
FZ487-09	ACR	Iodines
FZ487-12	ACM	Mercury
FZ487-15	AMM	Ammonia/amines
FZ487-18	FOR	Aldehydes
FZ487-21	ACI	Acids
FZ487-24	SUL	Sulphur, mercaptans
FZ487-27	CYN	Cyanides
FZ487-30	ETH	Ether
FZ487-33	HEPA	Particulates (HEPA)

Other filters available on request.

Accessory Safety Exhaust Filters

Provide additional filtration and extraction to the main filters. Supplied singly. Please refer to the main table for individual cupboard requirements.

	Ref.	Contaminant
FZ489-07	GP	Solvents, alcohols etc.
FZ489-10	ACR	Iodines
FZ489-13	ACM	Mercury
FZ489-15	AMM	Ammonia/amines
FZ489-19	FOR	Aldehydes
FZ489-22	ACI	Acids
FZ489-25	SUL	Sulphur, mercaptans
FZ489-28	CYN	Cyanides
FZ489-31	ETH	Ether
FZ489-34	HEPA	Particulates (HEPA)

Spare Main Pre-Filters

Filtrete electrostatic pre-filters. Supplied in a pack of 6. Please refer to the main table for individual cupboard requirements.

FZ489-50 Main filter pre-filters