

Furniture

Filtration Fume Cupboards, FumeCare FC-series

A range of five sizes of 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.

- ◆ 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 LED illumination
- ◆ Low airflow alarm if face velocity <0.3m/second
- ◆ Hinged front panel
- ◆ Electrostatic pre-filter
- ◆ Quiet (<58dBa)

Construction

White epoxy coated mild steel frame, rear panel and head unit with clear acrylic side panels. The clear acrylic front panel is hinged and self-locking. 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.

| Model FC- | 10 | 15 | 20 | 25 | 30 |
|----------------------|-------------------------------------------------|------|------|------|------|
| Dimensions, mm W | 750 | 1000 | 1200 | 1500 | 1750 |
| D | 700 | 700 | 700 | 700 | 700 |
| H* | 1200 | 1200 | 1200 | 1200 | 1200 |
| Filters [†] | 1 | 1 | 2 | 2 | 2 |
| Weight kg | 40 | 50 | 70 | 90 | 100 |
| Service required | 230V 50Hz a.c. single phase supply — all models | | | | |

Specification

*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.*



FZ482-15

Filtration Fume Cupboards, FumeCare

As described. Supplied with low airflow alarm, electrostatic pre-filter(s) and main filter i.d. window. For 230V 50Hz single phase supplies. Require, but are not supplied with, main exhaust filters, as indicated in the table.

| | |
|-----------------|-------------|
| FZ482-10 | Model FC-10 |
| FZ482-15 | Model FC-15 |
| FZ482-20 | Model FC-20 |
| FZ482-25 | Model FC-25 |

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

Accessories for Models as indicated

Support Stand

Enclosed support stand with storage facility.

| | |
|-----------------|-------------|
| FZ489-52 | Model FC-10 |
| FZ489-55 | Model FC-15 |
| FZ489-58 | Model FC-20 |
| FZ489-61 | Model FC-25 |