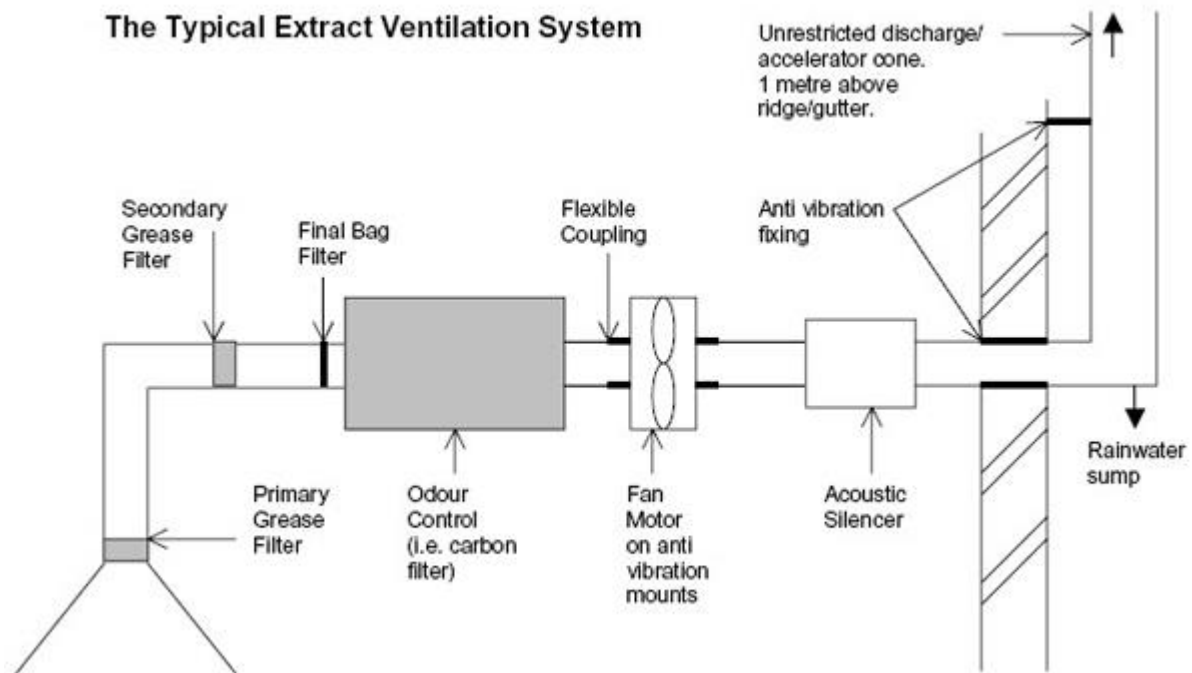


## Kitchen extract ventilation system



## Activated Carbon Filter Unit information

KATERCARB® Activated Carbon Filter Units for the effective removal of cooking, catering and food processing odours.

Carbon Cells in V- Formation Access Panel Disposable Prefilter Grease Filter Considerable attention and emphasis has been placed on the catering industry in recent years to provide a comfortable and odour free environment.

Within the Katercarb activated carbon filter EMCEL has brought together three features to counter the problem of catering odours:-

- Carbon Filter Cells with a special grade of activated carbon to deal more effectively with food and catering odours, especially those generated by onions, garlic and other strong spices.
- An integral non-combustible and washable grease filter to protect the carbon cells from grease saturation.
- A disposable particle pre-filter pad held within a metal grille and frame to protect carbon cells from dust contamination.

To meet the odour control requirements of the catering and food processing industries the Katercarb activated carbon filter unit has been designed and developed by EMCEL Filters Limited. Applications inc: - Restaurants - Public Houses - Fast Food Outlets - Take Aways - Hotels - Canteens - Kitchens - Cafés - Food Processing



Access Panel

Grease Filter

Disposable Prefilter

Carbon Cells in V- Formation

Capacity (m<sup>3</sup>/sec) - 0.25

Dwell Time (Secs) - 0.3

Dimensions - with 1025mm x height 355mm x depth 610mm

- Carbon Filter Cells with a special grade of activated carbon to deal more effectively with food and catering odours, especially those generated by onions, garlic and other strong spices.

- An integral non-combustible and washable grease filter to protect the carbon cells from grease saturation.

-A disposable particle pre-filter pad held within a metal grille and frame to protect carbon cells from dust contamination.

-The unique Emcel Filter Cell construction enables a high weight of activated carbon to be employed giving high performance, longer dwell times and therefore greater efficiency.

**Maintenance:** All grease and prefiltration will be regularly cleaned and maintained. The activated carbon cells will be replaced from time to time depending on the contaminant demands made upon them.

## Silencer

### Melinex FSAF500B1DA Silencer 560/12



- Product Description

Melinex Lined Circular attenuator suitable for direct connection to cased axial fans

Melinex lined silencers are used for dirty air such as restaurants, catering etc. Construction comprises galvanised steel outer casing, end rings fitted with tapped inserts to suit the relevant fan drilling detail. Inner bore is manufactured from perforated galvanised steel spiral tube retaining a 45 kg /m<sup>3</sup> density acoustic media with a surface particulate membrane.