

AAC Swiftkit® System - Carbon Filters for AHUs

The AAC Swiftkit® System is designed to enable Air Handling Unit Manufacturers to quickly and easily incorporate the AAC PR™ range of Carbon Filters into their Air Handling Units (AHUs).

This refillable, low cost system is delivered to the Air Handling Unit Manufacturer complete with all the necessary parts for front or side access, and requires only hand tools and labour.

The Swiftkit® Carbon Filter System offers Air Handling Unit Manufacturers a viable alternative to purchasing expensive enclosures and housing, and for this reason can be found in some of the UK's most prestigious museums and historical sites.

Features & Benefits:

- Simple to install
- Easy to retrofit on site
- Plastic refillable system
- AAC Colourcell® Media Filter System compatible
- Standard parts (usually ex-stock)
- Low cost

Typical Applications:

- Airport Terminal Buildings
- Museums & Galleries
- Commercial Buildings
- Commercial Kitchen Extraction Systems



AAC Swiftkit® Carbon Filter Installation

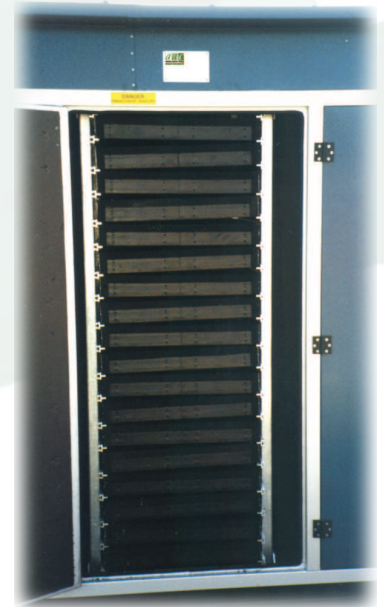
Indoor Air Quality and the AAC Swiftkit® System

For Indoor Air Quality projects where there is centralised plant and a requirement to control internal levels of NO₂ in line with current legislation*, the proven NO₂ mitigation solution AAC NITROSORB® can be incorporated into the AAC Swiftkit® System.

To support the AAC Swiftkit® System, a low cost Carbon Filter Replacement and Activated Carbon Media service is available.

* The CAFE Directive:

The EU Directive 2008/50/EC European Union Air Quality and Clean Air for Europe 2008



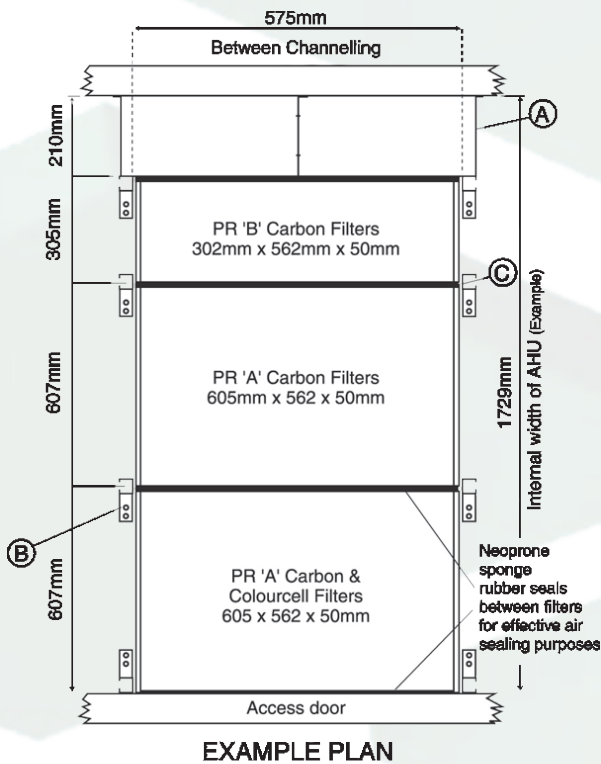
AAC Swiftkit® System

AAC Swiftkit® System - Carbon Filters for AHU's

A Step-by-Step Guide to Installing the AAC Swiftkit® System

Step 1

Plan Filter layout (typical layout shown below) for positioning of vertical support channelling dictated by the Filter sizes.



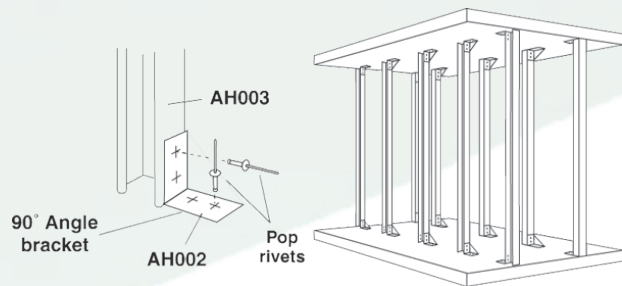
- A. Galvanised m/s bulkhead fabrication (AH001) If required
- B. Galvanised m/s 90° bracket (AH002)
- C. Galvanised m/s channelling of proprietary manufacture (AH003)
- D. Extruded aluminium filter slides complete with brushpile. (AH004).

Step 2

Fix bulkhead into position on rear wall, if required to take up any excess space in the AHU.

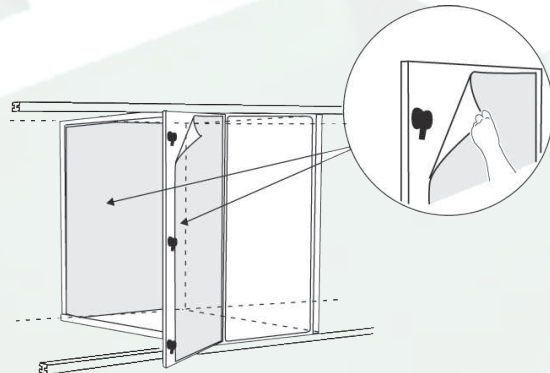
Step 3

Fit vertical support channelling (AH003) into position.



Step 4

Apply foam to rear wall/bulkhead and door panel using self-adhesive sponge.



Step 5

After determining the spacing for the aluminium extrusions, the aluminium extrusions are then fixed in place using a pop riveter and adhesive backed brush pile is applied.

