

AAC Skeleton-Frame™ - AHU Filter System

The AAC Skeleton-Frame™ is designed to enable the AAC PR™ range of plastic refillable Carbon Filters to be installed into Air Handling Units.

The AAC Skeleton-Frame™ Carbon Filter Housing is suitable for AHUs with volume flow rates between 0.1 m³ /s and 12m³/s, and is suitable for a wide variety of Odour Control and Air Filtration applications.

Constructed from welded mild steel or an aluminium tubular frame with top, bottom and rear galvanised mild steel panels, the AAC Skeleton-Frame™ is fitted with high quality extruded aluminium Filter slides complete with brush pile seals to provide an effective air seal to the Filter Cells.

A removable access door can be fitted to fully seal the Filter Cells into the Skeleton-Frame™, secured into place with hand-wheel style knobs. The unit is then sealed into the Air Handling Unit using galvanised mild steel angle cloaking strips to prevent any air bypass.

The Skeleton-Frame™ System is also available as a kit of parts which can be assembled on site if required, and is ideally suited for AHUs not exceeding 1500mm high x 1250mm wide.

Typical Applications:

- Airport Terminal Buildings
- Museums & Galleries
- Commercial Building Air Intake Systems

The AAC Skeleton-Frame™ Carbon Filter Housing is suitable for use with the PR™ range of plastic refillable Carbon Filters and our patented Colourcell® Media Filter System, which provides operators with a simple visual indication of the condition of the installed Activated Carbon Media.

Indoor Air Quality and the AAC Skeleton-Frame™

For Indoor Air Quality projects where there is centralised air handling plant, AAC NITROSORB® can be installed into an AAC Skeleton-Frame™ to deliver effective NO₂ and NO_x reduction in the indoor air.



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