

Vent-Axia®

Pure Air

The Indoor Air Quality Filtration System

Safety

It is recommended that industrial gloves, overalls, eye protection and nuisance dust masks are utilised when changing filters which have been subjected to natural air, as opposed to air drawn from processes, where full risk assessments should be performed prior to changing. For some filters, an assessment regarding manual handling will need to be made, for example where ladders are required, or they are installed above shoulder height.

Changing of filters should be carried out by experienced or trained personnel, in accordance with safety requirements as defined by the "Control of Substances Hazardous to Health" (COSHH) Regulations. ie. Someone who fully understands the design, operation and implications of the product and its use.

Application

The Pure Air indoor air quality filtration system combines particulate and gas filtration to remove pollutants prior to the air entering residences and commercial buildings through mechanical ventilation and heat recovery systems.

General

Access to the filters is available on both sides via bolted lift off panels

The lift off panels are held in position by cap head threaded bolts M6, which are conventionally threaded. An Allen Key will be required for the removal of these panels.

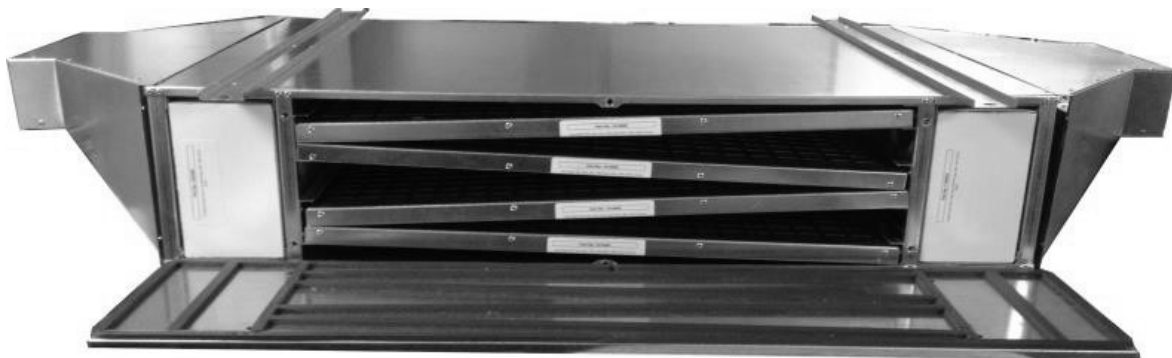
Indoor Air Quality Filtration Units accommodate two styles of air filter, Particulate Filters and Gas Filters.

Panel Particulate Filters are fitted within slide rails.

Gas Filters are fitted within slide rails.

Withdraw and dispose of the dirty filter(s), and replace with new.

The access panels also seal the filter unit from air leaks and by pass of the filters and must be fitted securely using all fixing cap head threaded bolts provided.



Indoor Air Quality Filtration Unit shown with door panel removed to allow filters to be replaced.

Accessories

Model	Stock Ref.
50l/s Insulating Jacket	PAJAC-50
100l/s Insulating Jacket	PAJAC-100
Spare PM2.5 Filter	PAFIL-25
Spare PM10 Filter	PAFIL-10
Spare Gas Filter	PAFIL-NO2

Particulate Filters :- PAFIL-25 & PAFIL-10

These cardboard construction air filters should be changed annually at a minimum.

Failure to replace these filters annually could result in a decreased air flow through the ventilation system.

Should a reduction in airflow be detected prior to the filters "Annual Change" it is possible that the particulate filters have experienced a higher than typical dust loading and may need replacing sooner.

Gas Filters :- PAFIL-NO2

Gas Filters are of a metal construction containing a unique carbon / chemical blend to remove pollutant gases. Gas filters should be changed every two years at a minimum to ensure efficient pollutant gas reduction.

Disposal of Air Filters Including Personal Protective Equipment

- Filters and PPE which has been damaged prior to use can be disposed of as normal domestic / industrial waste.
- Filters and PPE soiled with exterior air can be disposed of as normal domestic / industrial waste.

Vent-Axia[®]

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For details of the warranty and returns procedure
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