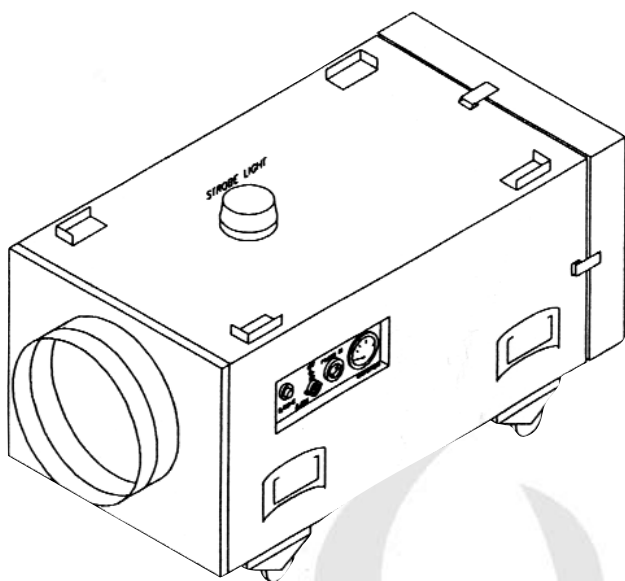


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## Negative Air Fan Filter Module



### Application

Email Air Handling Negative Air Fan Filter Modules are designed for use in applications where critical contaminants must be isolated. Typically used for asbestos removal.

### Description

The Negative Air Fan Filter Module is manufactured in Australia to conform with the performance requirements of AS 1386. The robust cabinet houses a fan, pre-filter and a HEPA filter. This combination ensures the removal of airborne contamination by air drawn in by the fan and passing through the filters.

### Construction

Cabinet: constructed from 1.5 mm galvabond steel.

Fan: heavy duty direct drive fan with variable speed control for extended filter life.

Filter: HEPA filter strictly conforming with AS 4260 The filter cell is securely sealed to a metal frame with a high density neoprene gasket. Australian manufacture and testing ensures that filters are less likely to require on-site repair.

Power: provided via a single phase, 240 volt, 10 amp, 3 pin plug.

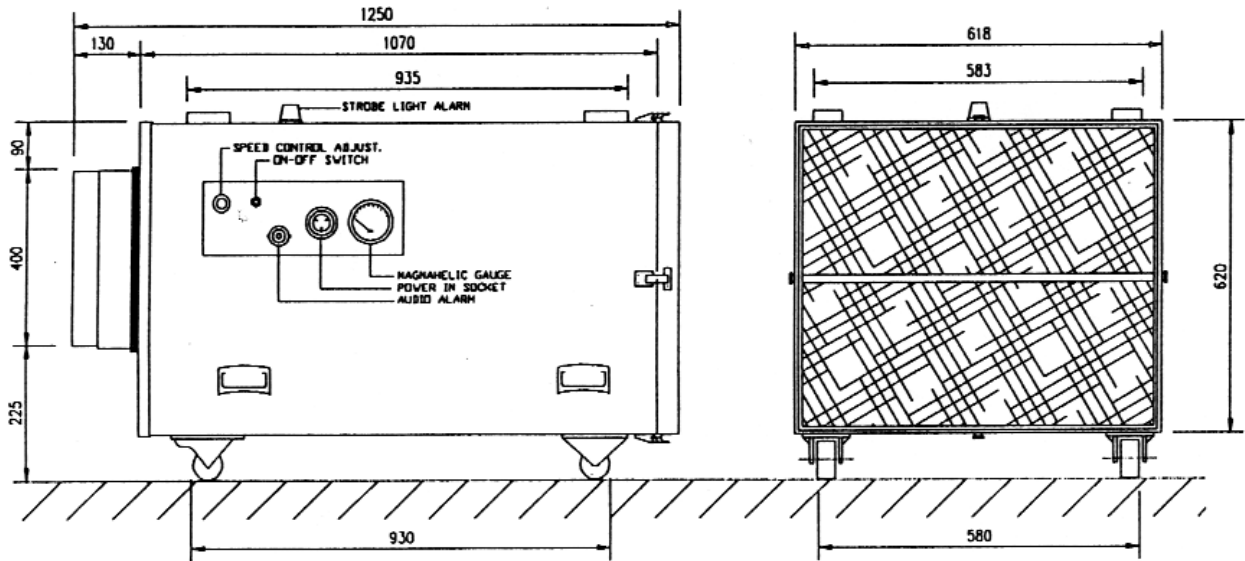
### Performance

The HEPA filters are individually tested on a NATA registered Hot DOP test rig to AS 1324 and filter efficiency is always guaranteed. Hot DOP testing is an essential part of HEPA filter manufacture since only Hot DOP creates a fog of 0.3 micron particles to challenge the filters efficiency. To pass inspection each filter must achieve a minimum efficiency of 99.99%.

The module HEPA filter is designed and tested to supply 566 l/s at an initial resistance of 250 Pa.

Magnehelic gauge.

The alarm sounds and the alarm indicator lights when the HEPA filter



## Limitations

Email Air Handling Negative Air Fan Filter Modules must not be used where products and materials such as inflammable vapours and airborne biological agents present an exposure risk to personnel.

## How to specify

Filter unit shall be AES Environmental Negative Air Fan Filter Module. Unit model number 1687-1600/4 with a rated airflow of 566 L/s. Filter unit and replacement HEPA and pre-filters shall be manufactured in Australia. HEPA filters will be individually tested to AS 1324 by a NATA registered laboratory.

## Maintenance / Service

N 74 136 515 430

Modules should be inspected and tested on-site:

- before use.
- after repairs.
- when HEPA filter is renewed.

Such testing ensures conformity with AS 4260. Both filters are serviced from the dirty air side. Replacement filters, spare parts and servicing facilities are available in all capital city's. Suitable PPE must be worn when changing either of the filters, ensuring that the contaminated filters are disposed of correctly.

## Weight

Total weight = 96 kgs.

## Filter Replacement

Pre-filter Part No. 1516-1538/7

HEPA Part No. 1589-7182/305

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