

RPT

Safe Change Housing

- **Compact, modular design**
- **Fully enclosing bag system for safe filter change**
- **Suitable for both vertical downflow and horizontal airflow**



Application

The RPT Safe Change Housing is a reliable duct housing for the removal of Radioactive, Pathogenic and Toxic contaminants. It can be supplied with a single or double stage filtration system, consisting of a single HEPA filter or a HEPA filter with a prefilter.

Typical areas of application include the healthcare, pharmaceutical, microelectronic and nuclear industries as well as biochemical laboratories. The unit can be used for vertical downflow or horizontal airflow.

Safety

The RPT Housing is designed to facilitate safe removal of contaminated filters and to minimize the risk of hazardous particulate escaping into the immediate environment. To this end the housing is equipped with a fully enclosed bag system into which the filter is placed for safe disposal.

Filter Installation

To guarantee a truly leaktight system the HEPA filter is clamped against a sealing frame with a maintenance-free positive locking mechanism, operated with a single lever; the prefilter is installed by pushing the support frame upwards.

Filter Replacement

Filter removal is done by opening the service hatch, extending the polyethylene bag and removing the contaminated filter from the housing into the bag, which is secured to the bag flange at the opening.

Space Saving Design

The RPT housing is compact and modular in design. To cater for high air volumes, modules may be installed side by side up to a maximum of 5 units in single or double row formation or, alternatively, one on top of the other.

Sturdy, Reliable Construction

The standard unit is made of mild reinforced steel coated with epoxy white paint. It can be operated at an overpressure of up to 2500 Pa positive and 3000 Pa negative.

The upper operating temperature limit is 60°C. A differential pressure measuring point is located between the prefilter and mainfilter sections.

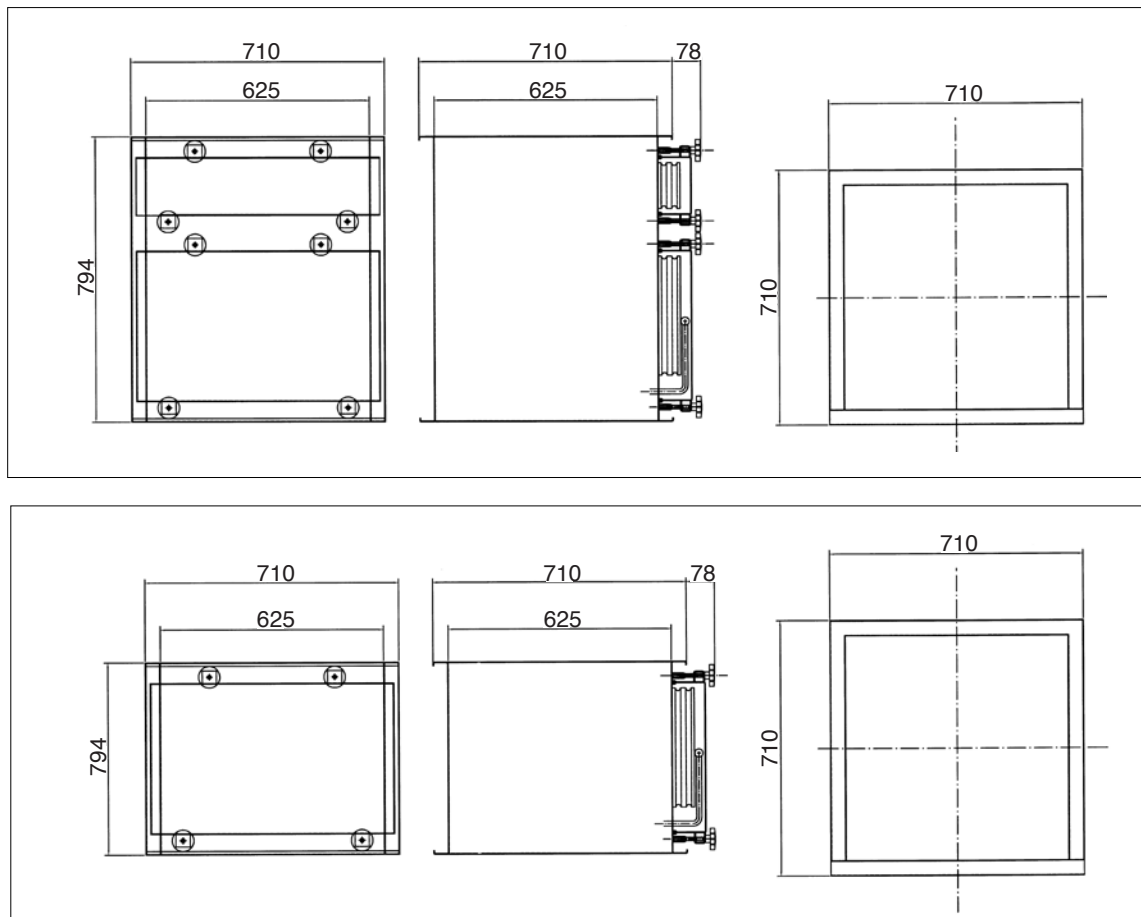
Options

- a) A DIN test groove for leak testing of the gasket seal between main filter and housing
- b) Integrated prefilter section
- c) Stainless steel execution
- d) Other (contact local AAF sales office)

RPT

<p>Style Code:</p> <p>RPT-XX-X-X-X</p> <p>Size: (see tabel)</p> <p>XX First digit: number adjacent filter housings Second digit: single(1) or double (2) row</p> <p>X Prefilter / No prefilter (P or N)</p> <p>X Number of mainfilters in air flow direction</p> <p>X DIN test flange / No DIN test flange (D or N)*</p>	<p>Example:</p> <p>RPT-32-N-2-D</p> <p>Size: 32 Three adjacent filter housings Double row</p> <p>N No prefilter</p> <p>2 Two mainfilters in air flow direction</p> <p>D DIN test flange included</p>
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* In case two or more mainfilter sections are installed in the air flow direction, only the last section will be supplied with a test flange



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AF-3-741-IN-0307

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