

Heavy duty removable media (RM) panel filters

- ➔ Permanently mounted frame, able to be assembled into banks
- ➔ Media is easily replaced
- ➔ 24 and 45 mm frame depth
- ➔ Large range of filter media available
- ➔ Ideal for spray booth exhaust applications



Description:

The heavy duty removable media (RM) filter is removable media type panel filter, designed so that the filter frame can be permanently mounted and the filter media can be easily removed and replaced while leaving the frame in place.

Replacement media can be supplied in bulk rolls or to pre cut sizes as required. The filter reduces service costs as the filter frame is retained for reuse and minimum storage is required for replacement media.

Construction:

Filters are manufactured from 24mm or 45 mm deep galvanised steel frame, incorporating galvanised 5mm wire weld mesh on the clean air side to provide media support and a galvanised steel wire retainer ring on the air on side.

The media retainer ring clips into the mounting frame and provides a positive seal between the filter media and the mounting frame.

The wire retainer ring incorporates handles for easy removal and when fitted correctly, the handles do not protrude out past the edge of the frame, allowing the filters to fit into slide arrangements.

Filter Media Types:

As the filter media is easily replaced, filters can be supplied with any of a large range of filter media to suit various applications. Filter media available includes fibreglass strippable media, ideal for various spray booth exhaust applications.

Heavy duty removable media (RM) panel filters

Application:

Generally used in industrial ventilation systems requiring low initial cost and low service/replacement cost filters.

The filters are ideal for spray booth exhaust applications or high dust-loading applications, where filter media is regularly replaced.

Dimensions:

Filters are available with a frame depth of either 24 or 45 mm, special depths are available on request.

Filters can be manufactured to any dimension up to 1000 mm x 1200 mm, support braces may be needed on larger end sizes.

Maintenance:

The filter media is readily removed from the filter frame without the need to remove the

complete filter panel, by unclipping the media retainer wire on the air entry side.

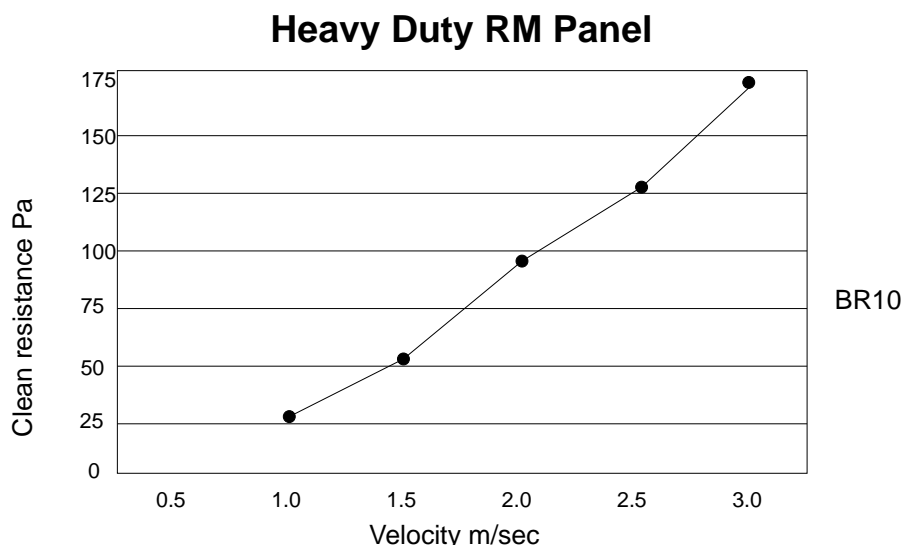
If the filter media is washable it can be cleaned by rinsing with cold water from a medium pressure hose, back through the air entry side of the media. Allow the filter media to fully dry before re-installing. Washable filters can be washed up to 15 times before the media needs to be replaced, however filter performance will progressively deteriorate with each wash.

If the media is disposable, remove dirty media and place in a sealed bag to prevent any contaminate from spilling out. Install new media ensuring that it is equivalent in performance to the media being replaced making sure the media is sealed around the filter frame.

Performance data:

Panel part no.	Media type	Filter class	Replacement pad part no.	Face velocity m/sec	Initial res. Pa	Avg arrestance %
8-0010	BR18	G2	5-0018	1.8 - 2.5	40 - 80	85
8-0010	BR16	G3	5-0016	1.8 - 2.5	50 - 85	85
8-0010	BR10	G4	5-0010	1.8 - 2.5	80 - 130	74

* Other media grades available on request



Due to on-going product development, Filterfit reserves the right to change design and specifications without notice