

V-Form washable aluminium or plastic-framed panel filters

➔ Ideal for applications where low cost & low pressure drop is required

➔ 45 & 90 mm frame depth

➔ Plastic frame: 45mm only

➔ Washable

➔ Classification G1-G4



Construction:

Filters are manufactured from either 45 mm or 90 mm aluminum or plastic frame with galvanised wire mesh on both sides to provide media support. Media and wire is pleated to provide greater surface thus providing superior dust holding capacity to that of a flat panel filter.

Filter Media Types:

Filters are supplied standard with medium grade washable media type BR16. Other filter media are available to suit each application.

Application:

Generally used in small air conditioning and ventilation systems requiring low cost, low

resistance filters. Filters are usually fitted into slides in ducts or behind return air grilles. Media is not replaceable.

Dimensions:

Filters are available with a frame depth of either 45 mm plastic or 45 & 90 mm aluminium frames, special depths are available in aluminium on request.

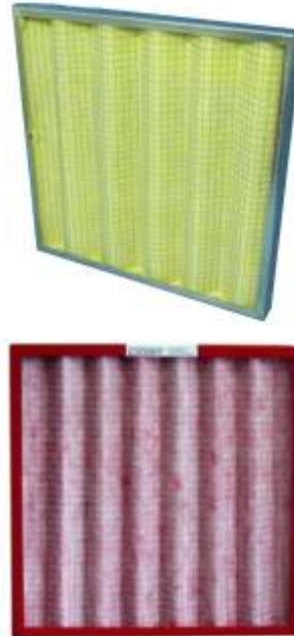
Filters can be manufactured to any dimension up to 1200 x 1200 mm, although, it is suggested sizes are kept below 900 mm x 800 mm for rigidity. Frame support braces are fitted to larger sizes.

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Maintenance:

The filter panel is readily removed from the filter holding frame or slide. If the filter media is washable, the filter can then be cleaned by rinsing the filter with cold water from a medium pressure hose, back through the clean air side of the media. Allow the filter media to fully dry before re-installing. Washable filters can be washed up to 5 times before the media needs to be replaced, however filter performance will progressively deteriorate with each wash.

(Note: Local council water authorities may not permit discharge of run off from filter washing to enter storm water drains.)



Performance data:

Part no.	Filter class	Media type	Face velocity m/sec	Initial resistance Pa.	Average arrestance %
7-3006	G3	BR16 washable (45mm depth)	1.8 - 2.5	50 - 65	85
7-3216	G3	BR16 washable plastic frame (45mm depth)	1.8 - 2.5	50 - 85	85
7-3007	G3	BR18 washable (45mm depth)	1.8 - 2.5	32 - 42	74
7-4008	G3	BR18 washable (45mm depth)	1.8 - 2.5	35 - 47	85

* For Holding frame part numbers please refer to Holding frame data on page 32

