

# Aluminium-framed disposable panel filters

- ➔ Complies with AS1668.2
- ➔ Light gauge aluminum frame
- ➔ Ideal for high humidity applications
- ➔ Standard & non standard sizes
- ➔ Standard depths of 25, 45 and 90 mm
- ➔ Available with G4 or F5 media



## Construction:

Filterfit aluminium disposable filters are Type 1, Class A, dry disposable extended surface panel filters, which offer economical, intermediate efficiency and meet the requirements of AS1668.2, where the filter has an initial efficiency of not less than 20% to AS1324 No. 1 Test.

## Construction:

The filters are manufactured from a light gauge aluminum frame, which is impervious to moisture or humidity and can be easily recycled. The filter media is manufactured from a blend of synthetic fibres, which do not support combustion.

The filter media is pleated in a V form configuration to provide lower resistance and higher dust holding capacity to that of a flat panel filter, ensuring extended service life.

The filter media is bonded to a 25mm x 25mm wire mesh grid on the air leaving side of the filter, to provide media support, and is bonded into the aluminium frame to prevent air bypass.

## Filter media types:

Filterfit aluminium disposable panel filters are available standard with G4 rated disposable media type BR4. Higher efficiency F5 media type BR5 is also available on request.

## Applications:

Due to its low cost and extended service life, the filter is suited to a wide range of applications including general air conditioning and ventilation systems, process air systems, industrial applications and as pre filtration to higher efficiency filters.

Filters are generally installed into slides in ducts, however to ensure effectiveness, the filter should be installed utilising Filterfit panel filter mounting frames, which incorporate sealing gasket and spring clips to ensure a positive seal is formed against the filter face.

## Dimensions:

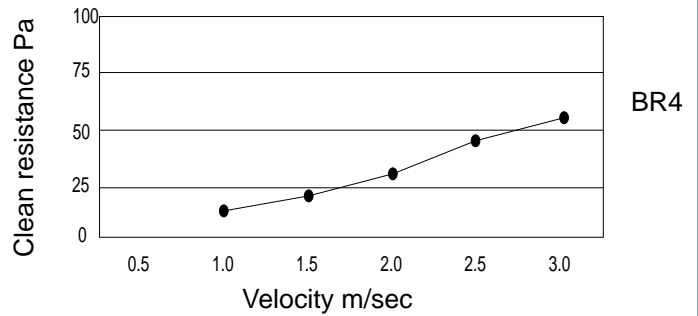
Filters are available in standard sizes but are regularly supplied in sizes to suit application on request.

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## Performance data:

Part no.	Filter media	Filter class	Min. Eff.	Avg. eff.	Avg. arrest.
7-5001 (45mm depth)	BR4	G4	20	36	90
7-6001 (90mm depth)	BR4	G4	20	36	90

## 45mm:



## Specifications:

Part no.	Nominal size (mm)	Holding frame size mm	Capacity l/sec @		BR4 pressure drop - Pa.		Final res. Pa.
		W x H x D	1.8 m/sec	2.5 m/sec	1.8 m/sec	2.5 m/sec	
7-5511	395 x 495 x 25	406 x 508 x 25	360	500	42	65	250
7-5531	495 x 495 x 25	508 x 508 x 25	450	625	42	65	250
7-5541	295 x 595 x 25	305 x 610 x 25	325	450	42	65	250
7-5551	595 x 595 x 25	610 x 610 x 25	650	900	42	65	250
7-5561	395 x 622 x 25	406 x 635 x 25	440	610	42	65	250
7-5571	495 x 622 x 25	508 x 635 x 25	560	780	42	65	250
7-5591	495 x 749 x 25	508 x 762 x 25	670	930	42	65	250
7-5041	290 x 595 x 45	305 x 610 x 50	325	450	25	45	250
7-5011	395 x 495 x 45	406 x 508 x 50	360	500	25	45	250
7-5061	395 x 622 x 45	406 x 635 x 50	440	610	25	45	250
7-5031	495 x 495 x 45	508 x 508 x 50	450	625	25	45	250
7-5065	495 x 595 x 45	508 x 610 x 50	540	750	25	45	250
7-5071	495 x 622 x 45	508 x 635 x 50	560	780	25	45	250
7-5051	595 x 595 x 45	610 x 610 x 50	650	900	25	45	250
7-5091	495 x 749 x 45	508 x 762 x 50	670	930	25	45	250
7-6041	290 x 595 x 90	305 x 610 x 90	325	450	22	40	250
7-6011	395 x 495 x 90	406 x 508 x 90	360	500	22	40	250
7-6061	395 x 622 x 90	406 x 635 x 90	440	610	22	40	250
7-6031	495 x 495 x 90	508 x 508 x 90	450	625	22	40	250
7-6065	495 x 595 x 90	508 x 610 x 90	540	750	22	40	250
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\* For Holding frame part numbers please refer to Holding frame data on page 32