

Plastic-framed disposable panel filters

- ➔ Complies with AS1668.2
- ➔ Food-grade plastic frame
- ➔ Light & robust
- ➔ Environmentally-friendly
- ➔ Ideal for high humidity applications
- ➔ Standard & non standard sizes
- ➔ Standard depth of 45 mm
- ➔ Available standard with G4 media



Construction:

Filterfit plastic 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.

The filters are manufactured utilising a light weight food-grade plastic 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 12mm x 12mm wire mesh grid on the air leaving side of the filter, to provide media support, and is bonded into the plastic frame to prevent air bypass.

Filter media types:

Filterfit plastic disposable panel filters are available standard with G4 rated disposable

media type BR4. Other media types available on request including BR13 Technostat media (F6) to aid in smoke removal.

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:

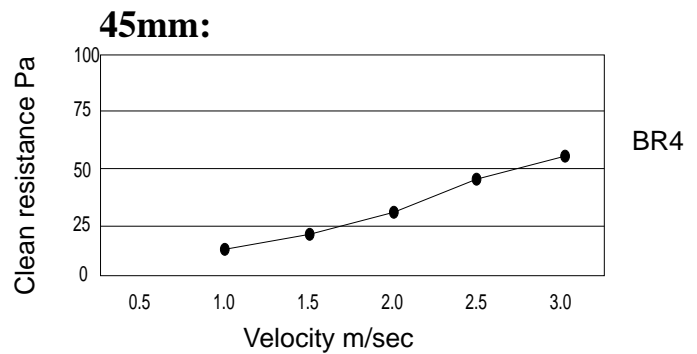
Filters are available in standard sizes but are regularly supplied in sizes to suit applications on request.



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Performance data:

Part no.	Filter media	Filter class	Min. Eff.	Avg. eff.	Avg. arrest.
7-5000 (45mm depth)	BR4	G4	20	36	90



Specifications:

Part no.	Nominal size (mm)	Holding frame size (mm) W x H x D	Capacity l/sec @		BR4 Pressure Drop Pa.		Final res. Pa.
			1.8 m/sec	2.5 m/sec	1.8 m/sec	2.5 m/sec	
7-5624	290 x 595 x 45	305 x 610 x 50	325	450	25	45	250
7-5618	395 x 495 x 45	406 x 508 x 50	360	500	25	45	250
7-5628	395 x 622 x 45	406 x 635 x 50	440	610	25	45	250
7-5622	495 x 495 x 45	508 x 508 x 50	450	625	25	45	250
7-5620	495 x 445 x 45	508 x 460 x 50	540	750	25	45	250
7-5629	495 x 595 x 45	508 x 610 x 50	560	780	25	45	250
7-5630	495 x 622 x 45	508 x 635 x 50	560	780	25	45	250
7-5626	595 x 595 x 45	610 x 610 x 50	650	900	25	45	250
7-5634	495 x 749 x 45	508 x 762 x 50	670	930	25	45	250

Non standard sizes available on request. Order using part number 7-5000 and specify size

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