

## Rigid Bag Filters

Grade M6, F7, F8 and F9 to EN779:2012  
Grade E10 to EN1822

### Applications

Rigid Bag Filters can be used in a wide variety of air conditioning and general ventilating applications where large volumes of air are to be handled and systems dictate high dust holding capacity, coupled with low initial resistance.

Grades M6 to F8 are commonly used for pre filtration to final filters such as HEPAs, or to offer a good level of indoor air quality for supply air in offices or auditoriums.

E10 HEPAs offer the lowest HEPA grade filtration in a rigid bag form, and are often used for the removal of fine particulates found in kitchen extract exhaust, or for the supply of air where the highest quality is demanded.



### Description

The filter contains a high filtration area by using mini pleat filter media using hot melt bead separators.

The mini pleat filter slabs are sealed into a plastic frame into a unique V formation. The plastic frame incorporates a header frame that will be either 20 or 25mm in thickness.

### Technical

These filters provide an improved efficiency performance over traditional bag filters. They outperform bag filters in all facets of arrestance, efficiency, capacity, pressure drop and service life.

The filters can also be supplied to fit existing bag filter installations with fitted headers to suit.

Maximum Operating Temperature: 60 Degrees Centigrade

Maximum Humidity: 100% RH

### RIGID BAG FILTERS STANDARD SIZES

Size		F.R.	Part Numbers				
OT Inches	Actual mm	m <sup>3</sup> /s	M6 to EN779	F7 to EN779	F8 to EN779	F9 to EN779	E10 to EN1822
24x12x12	594x289x292	0.47	1450624	1450724	1450824	1450924	1450954
24x20x12	594x492x292	0.75	1450625	1450725	1450825	1450925	1450955
24x24x12	594x594x292	0.94	1450626	1450726	1450826	1450926	1450956

### CLEAN PRESSURE DROP

M6-292mm; 65 Pa / F7- 292mm; 80 Pa / F8-292mm; 100Pa / F9-292mm; 132Pa / E10- 292mm; 170 Pa

### STANDARD HEADER SIZES

20mm (25mm Header Available Upon Request)