

Est. 1956
THE CLEAN AIR PEOPLE

Description

Rainbow Multi-Wedge Deep Bed Filters are available in standard sizes with an efficiency of G4, F5, F6, F7 and F8 and are suitable for general purpose filtration applications in industrial and commercial applications. The Multi-Wedge Deep Bed Filters are suited to non-critical applications or as a pre-filter to extend the life of the secondary filter.

Construction

Multi-Wedge G4-F5 filter media is manufactured from bonded synthetic fibres. F6-F7 and F8 media can be an additional filter option that can be applied to give a higher efficiency to the Multi-Wedge configuration. All media types are moisture and fungus resistant and will not shed fibres into the clean air stream. Standard mounting frames consist of an outer frame and inner basket assembly as illustrated to the right. The outer frame consists of a 2mm epoxy coated galvanised frame, with a 6mm Epoxy inner basket assembly. Options include 304 and 316 grade stainless steel and reverse flow configurations. An economical version is available consisting of a galvanised outer frame and a Multi-Wedge bag and wire arrangement.



“Rainbow” MAXI WEDGE Deep Bed Filters consist of three basic parts.

1. The Main Mounting or Fixed Frame, incorporates a specially designed wire “Media Support Frame”. This frame ensures that the media does not vibrate or flap when in use, or sag when the system is turned off, thus preventing accumulated dust from vibrating loose and passing into the air stream on start-up.
2. The inner Media Retaining Frame, creates a positive seal between the media and the main frame, thus ensuring there is no bypass. This frame also has a shaped wire frame incorporated to form the media bag into the correct shape.
3. The Filter Bag is sewn into a wedge shape and the point of the wedge is drawn back into the centre of the filter, thus giving a large media area in proportion to the face area and the depth of the filter. This media area gives the filter a very large dust holding capacity.

PERFORMANCE DATA				
- Maxi Wedge Deep Bed Filters -				
Product Code	Nominal Size (mm)	Airflow Capacity (l/sec)	Initial Resistance (Pascals)	Efficiency
MW80-G4-01	508 x 406 x 610	523	35	G4
MW80-G4-02	508 x 208 x 610	654	35	G4
MW80-G4-03	635 x 406 x 610	655	35	G4
MW80-G4-04	635 x 508 x 610	819	35	G4
MW80-G4-05	762 x 508 x 610	982	35	G4
MW80-G4-06	610 x 610 x 610	944	35	G4
MW80-G4-08	610 x 305 x 610	472	35	G4