

## MULTI WEDGE DEEP BED FILTER

### With RFM G4 or RFM F5 Media

"RAINBOW" MULTI WEDGE Deep Bed Filters consist of three basic parts.

The Main Mounting or Fixed Frame consists of a heavy gauge steel frame with two media support rods fixed vertically to keep the media in position.

The Inner Media Retaining Frame creates a positive seal between the media and the main frame, thus ensuring there is no air bypass. This frame also has a shaped wire frame incorporated to form the media bag into the correct shape.

The Filter Bag of "G4 or F5 Media" is sewn into three wedges, or one wedge, depending on the size of the face area of the filter (see chart below). This gives a large media area in proportion to the face area and the depth of the filter. The media area gives the filter a very large dust holding capacity.



FILTER CODE	ACTUAL SIZE mm	CAPACITY L/S	FACE VELOCITY	CLEAN RESISTANCE	NUMBER of WEDGES
MW571-G4-01	508 x 406 x 610	523	2.54 m/s	35 Pa	1
MW571-G4-02	508 x 508 x 610	655	2.54 m/s	35 Pa	1
MW573-G4-03	635 x 406 x 610	654	2.54 m/s	35 Pa	3
MW573-G4-04	635 x 508 x 610	819	2.54 m/s	35 Pa	3
MW573-G4-05	762 x 508 x 610	982	2.54 m/s	35 Pa	3
MW573-G4-06	610 x 610 x 610	944	2.54 m/s	35 Pa	3
MW572-G4-08	610 x 305 x 610	472	2.54 m/s	35 Pa	2

FILTER CODE	ACTUAL SIZE mm	CAPACITY L/S	FACE VELOCITY	CLEAN RESISTANCE	NUMBER of WEDGES
MW571-F5-01	508 x 406 x 610	523	2.54 m/s	48 Pa	1
MW571-F5-02	508 x 508 x 610	655	2.54 m/s	48 Pa	1
MW573-F5-03	635 x 406 x 610	654	2.54 m/s	48 Pa	3
MW573-F5-04	635 x 508 x 610	819	2.54 m/s	48 Pa	3
MW573-F5-05	762 x 508 x 610	982	2.54 m/s	48 Pa	3
MW573-F5-06	610 x 610 x 610	944	2.54 m/s	48 Pa	3
MW572-F5-08	610 x 305 x 610	472	2.54 m/s	48 Pa	2

A.B.N 15 101 072 351

BUSINESS HUB, PO BOX 40, BAYSWATER, VIC 3153. - PHONE: 1300 365 659

FAX: 1300 365 243

WEBSITE: [www.rainbowfilters.com.au](http://www.rainbowfilters.com.au)

**MULTI WEDGE – TECHNICAL DATA**

	<b>G4</b>	<b>F5</b>
Velocity : (m/s)	2.54	2.54
Initial Resistance : (Pa)	35	48

**INITIAL EFFICIENCY :**

No. 1 Test Dust :	20.4%	38.00 %
NO. 4 Test Dust :	91.2	92.00

**AVERAGE EFFICIENCY :**

No. 1 Test Dust :	36.1%	52.09 %
No. 4 Test Dust :	91.2 %	94.96

**DUST HOLDING CAPACITY :**

No. 4 Test Dust :	787g	730 g
-------------------	------	-------

**DUST HOLDING CAPACITY :** ( Per unit of face area)

No. 4 Test Dust :	2115g/sqm	1962 g/sqm
-------------------	-----------	------------