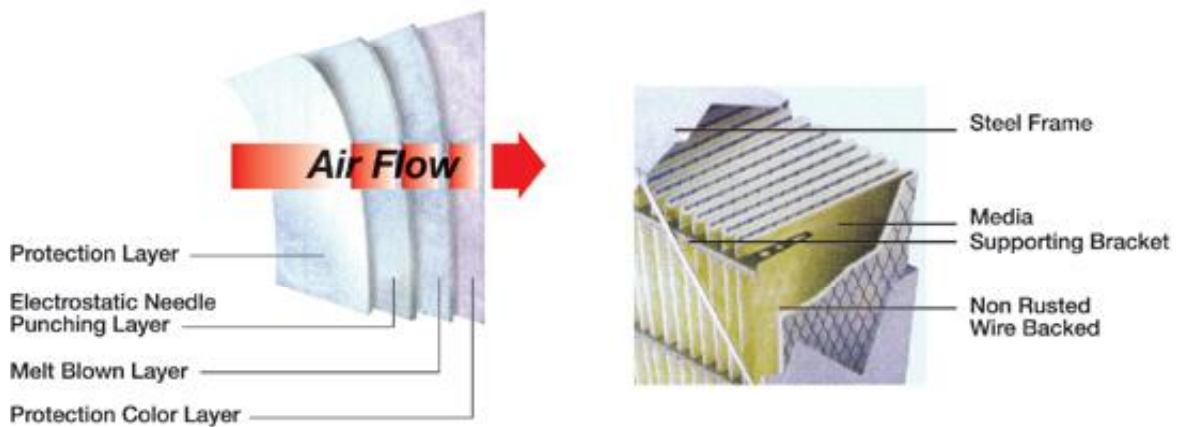
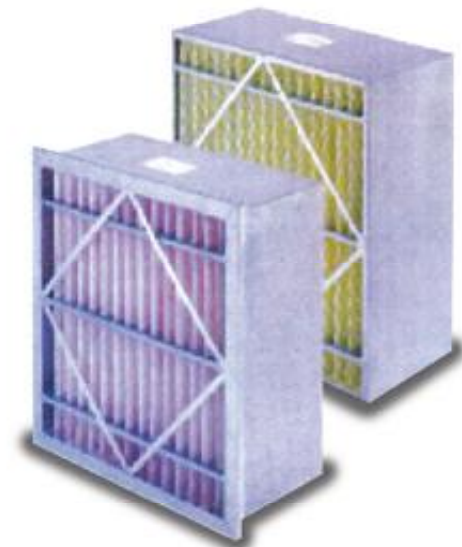


M-BOX RIGID FILTER

ADVANTAGES

- Rigidity casing
- Available in two frame made of AL or G.I
- High holding capacity and high volume of filtration area
- Low initial resistance
- High performance suitable for VAV & CAV AHU
- Media are ultra sonically sealed
- Average Dust Spot Efficiency: 60-65%, 80-85%, 90-95%
- EN779 Classification: F6, F7, F8

Applications for pharmaceutical, automotive industry, electronic cleanroom system, general industry and commercial buildings HVAC system.



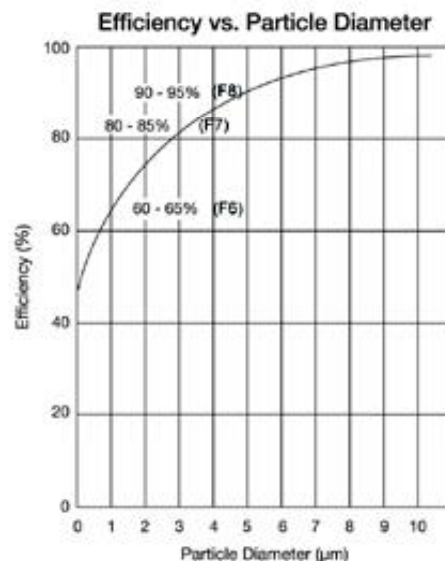
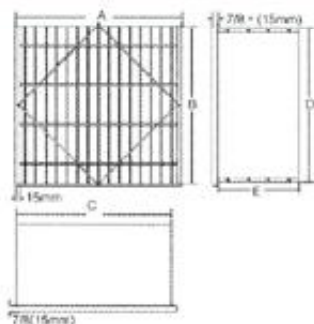
CONSTRUCTIONS

M-Box filter media is using high quality synthetic fiber. The filter media consists of four different layers and using special process to make. Thus provide high holding capacity and low resistance. Pleating design enhance effective filtration area, increase filtration capacity. lamination of the wire backed material onto the filter media will increase the rigidity and stability of the unit.

Available in two models i.e. 1. with header 2. without header (standard).

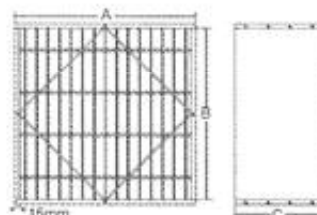
HEADER TYPE DIMENSIONS

NOMINAL SIZE (inch)	ACTUAL SIZE (mm)				
	A	B	C	D	E
12 x 24 x 12	289	594	249	554	292
24 x 24 x 12	594	594	554	554	292
12 x 24 x 6	289	594	249	554	140
24 x 24 x 6	594	594	554	554	140



NON-HEADER TYPE DIMENSIONS

NOMINAL SIZE (inch)	ACTUAL SIZE (mm)			EFFICIENCY		FILTER MEDIA COLOR
	A	B	C	EN779	DUST-SPOT	
12 x 24 x 12	289	594	292	F8	90 - 95%	Yellow
24 x 24 x 12	594	594	292	F7	80 - 85%	Pink
12 x 24 x 6	289	594	140	F6	60 - 65%	Green
24 x 24 x 6	594	594	140	F5	40 - 45%	Brown



M-BOX FILTER TECHNICAL DATA

FRAMA	NOMINAL SIZE (inch)			MEDIA AREA (m ²)	INITIAL RESISTANCE (Pa)/AIR VOLUME (m ³ /h)					
	W	H	D		90 - 95%		80 - 85%		60 - 65%	
Standard	12	24	12	2.60	158	1700	115	1700	68	1700
	24	24	12	5.39	158	3400	115	3400	68	3400
	12	24	6	1.30	130	1020	93	1020	73	1275
	24	24	6	2.70	130	2040	93	2040	73	2550
Flange	12	24	12	2.05	170	1700	120	1700	83	1700
	24	24	12	4.65	170	3400	120	3400	83	3400
	12	24	6	1.02	137	1020	103	1020	88	1275
	24	24	6	2.33	137	2040	103	2040	88	2550

*Note:

- 1 mm w.g is approximate 10 Pa
- 1 CFM is approximate 1.6992 CMH



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