

EN 779
2012

M6

F7

F8



Interlock Design

ASHRAE Separator Box Filter

Specifications

Frame : Wood, Galvanized steel, Aluminum.

Header : Box type, Single, Double header

Media : Wet-laid glass fiber

Efficiency :

M6 (EN 779), 60~80% / MERV 11~12 (ASHRAE 52.2)

F7 (EN 779), 80~90% / MERV 13 (ASHRAE 52.2)

F8 (EN 779), 90~95% / MERV 14 (ASHRAE 52.2)

Separator : Aluminum foil

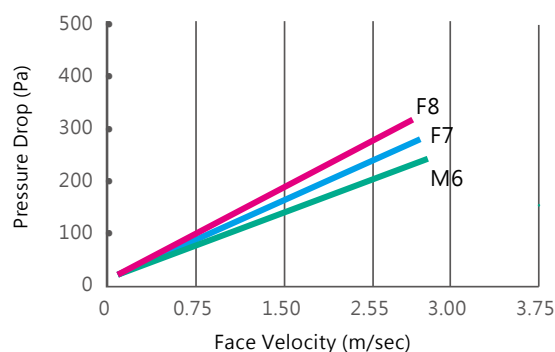
Sealant : Polyurethane (PU)

Fire retardant grade : UL900

Max. Temperature : $\leq 80^{\circ}\text{C}$

Max. Humidity : $\leq 100\% \text{ RH}$

Rec. Final Pressure Drop : $\leq 350 \text{ Pa}$

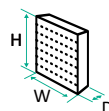


Advantages

- ✓ Control airflow under high humidity
- ✓ Hammed edges eliminate possible pleat damage
- ✓ Extend life span with low initial resistance
- ✓ Comply with UL900 flame retardant

Applications

Available for being applied in pharmaceutical industry, food processing industry, hospitals and aerospace.



Special Size Customized

Nominal Size WxHxD (in.)	Actual Size WxHxD (mm)	Media Area (m²)		Filter Rating (EN779: 2012)	Air Flow				Initial Resistance				Recommended Final Resistance
		Standard Capacity	High Capacity		Standard Capacity		High Capacity		Standard Capacity		High Capacity		
					CFM	CMH	CFM	CMH	In W.G.	Pa	In W.G.	Pa	Pa
12×24×12	305×610×290	5.85	7.69	M6	1000	1699	1250	2124	0.40	100	0.58	145	≤ 350 (1.5 In W.G.)
24×24×12	610×610×290	11.56	15.24		2000	3398	2500	4248	0.40	100	0.58	145	
24×24×6	610×610×150	5.28	6.90		957	1626	1200	2039	0.40	100	0.58	145	
12×24×12	305×610×290	5.85	7.69	F7	1000	1699	1250	2124	0.46	115	0.64	160	
24×24×12	610×610×290	11.56	15.24		2000	3398	2500	4248	0.46	115	0.64	160	
24×24×6	610×610×150	5.28	6.90		957	1626	1200	2039	0.46	115	0.64	160	
12×24×12	305×610×290	5.85	7.69	F8	1000	1699	1250	2124	0.56	140	0.82	205	
24×24×12	610×610×290	11.56	15.24		2000	3398	2500	4248	0.56	140	0.76	205	
24x24x6	610×610×150	5.28	6.90		957	1626	1200	2039	0.56	140	0.82	205	

© Face Velocity:

150D => Standard Velocity : 1.2 m/s High Velocity : 1.5 m/s

© Customized sizes are available upon requests.

290D => Standard Capacity : 2.5 m/s High Capacity : 3.2 m/s