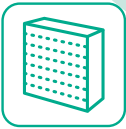




Interlock Design



EN 779
2012

M6

F7

F8

ASHRAE Salt-Resistant Aluminum Separator Box Filters

Specifications

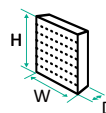
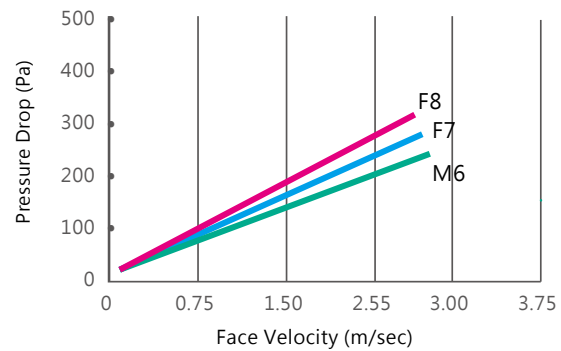
- Frame : Wood, Galvanized steel, Aluminum.
- Header : Box type, Single, Double header
- Media : Wet-laid glass fiber
- Efficiency :
 M6 (EN 779), 60~80% / MERV 11~12 (ASHRAE 52.2)
 F7 (EN 779), 80~90% / MERV 13 (ASHRAE 52.2)
 F8 (EN 779), 90~95% / MERV 14 (ASHRAE 52.2)
- Separator : Aluminum foil
- Sealant : Polyurethane (PU)
- Fire retardant grade : UL900
- Max. Temperature : ≤ 80°C
- Max. Humidity : ≤ 100% RH
- Rec. Final Pressure Drop : ≤ 350 Pa

Advantages

- ✓ Control airflow under high humidity
- ✓ Hammed edges eliminate possible pleat damage
- ✓ Special filter design to prevent salt damage
- ✓ Captured sea salt particles do not disperse

Applications

Coastal area factories, buildings, nuclear power plants,
sea salt particle size: 0.5~30µm.



Special Size Customized

Nominal Size WxHxD (in.)	Actual Size WxHxD (mm)	Media Area (m ²)		Filter Rating (EN779: 2012)	Air Flow				Initial Resistance				Recommended Final Resistance Pa
		Standard Capacity	High Capacity		Standard Capacity		High Capacity		Standard Capacity		High Capacity		
				CFM	CMH	CFM	CMH	In W.G.	Pa	In W.G.	Pa		
12x24x12	305x610x290	5.85	7.69	M6	1000	1699	1250	2124	0.40	100	0.58	145	≤ 350 (1.5 In W.G.)
24x24x12	610x610x290	11.56	15.24		2000	3398	2500	4248	0.40	100	0.58	145	
24x24x6	610x610x150	5.28	6.90		957	1626	1200	2039	0.40	100	0.58	145	
12x24x12	305x610x290	5.85	7.69	F7	1000	1699	1250	2124	0.46	115	0.64	160	
24x24x12	610x610x290	11.56	15.24		2000	3398	2500	4248	0.46	115	0.64	160	
24x24x6	610x610x150	5.28	6.90		957	1626	1200	2039	0.46	115	0.64	160	
12x24x12	305x610x290	5.85	7.69	F8	1000	1699	1250	2124	0.56	140	0.82	205	
24x24x12	610x610x290	11.56	15.24		2000	3398	2500	4248	0.56	140	0.76	205	
24x24x6	610x610x150	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