

EN 1822
2009

H11

H13

H14

HEPA Mini-pleat Filters

Specifications

Frame : Extruded aluminum, Galvanized

Media : Glass fiber

Efficiency :

H11 (EN 1822) / MERV 16 (ASHRAE 52.2)

MPPS: $\geq 95\%$ / DOP: $\geq 99.9\%$ @ $0.3 \mu\text{m}$

H13 (EN 1822) / MERV 17-18 (ASHRAE 52.2)

MPPS: $\geq 99.95\%$ / DOP: $\geq 99.99\%$ @ $0.3 \mu\text{m}$

H14 (EN 1822) / MERV 19 (ASHRAE 52.2)

MPPS: $\geq 99.995\%$ / DOP: $\geq 99.999\%$ @ $0.3 \mu\text{m}$

Separator : Hot melt

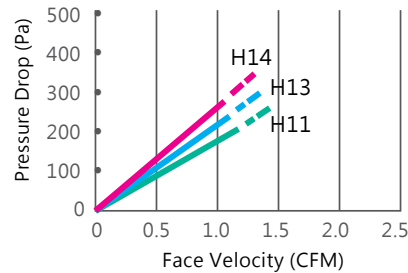
Sealant : Polyurethane (PU)

Flame Retardant Grade : UL900

Max. Temperature : $\leq 70^\circ\text{C}$

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

Rec. Final Pressure Drop : $\leq 500\text{Pa}$

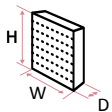


Advantages

- ✓ Lower pressure drop
- ✓ Energy saving
- ✓ Lightweight & easy to install
- ✓ Interlock design on gasketing to secure the airflow without leaking

Applications

Designed for being applied and optimized the applications, such as health care, commercial, educational and industrial buildings.



Special Size Customized

Nominal Size WxHxD (in.)	Actual Size WxHxD (mm)	Filter Rating (EN779:2012)	Air Flow				Initial Resistance				Recommended Final Resistance Pa
			Standard Capacity		High Capacity		Standard Capacity		High Capacity		
			CFM	CMM	CFM	CMM	In W.G.	Pa	In W.G.	Pa	
12x24x2 3/4	305x610x70	H11	286	8.1	406	11.5	0.89	225	0.91	230	≤ 500 (2.0 In W.G.)
24x24x2 3/4	610x610x70		607	17.2	854	24.2	0.89	225	0.91	230	
36x24x2 3/4	915x610x70		925	26.2	1306	37.0	0.89	225	0.91	230	
48x24x2 3/4	1220x610x70		1242	35.2	1828	51.8	0.89	225	0.91	230	
12x24x2 3/4	305x610x70	H13	286	8.1	406	11.5	0.94	240	0.96	245	
24x24x2 3/4	610x610x70		607	17.2	854	24.2	0.94	240	0.96	245	
36x24x2 3/4	915x610x70		925	26.2	1306	37.0	0.94	240	0.96	245	
48x24x2 3/4	1220x610x70		1242	35.2	1828	51.8	0.94	240	0.96	245	
12x24x2 3/4	305x610x70	H14	286	8.1	406	11.5	0.96	245	0.98	250	
24x24x2 3/4	610x610x70		607	17.2	854	24.2	0.96	245	0.98	250	
36x24x2 3/4	915x610x70		925	26.2	1306	37.0	0.96	245	0.98	250	
48x24x2 3/4	1220x610x70		1242	35.2	1828	51.8	0.96	245	0.98	250	