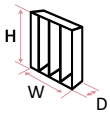
HENCOLIN 漢克林企業有限公司 FLECO A.F.M.

EN 1822 2009 | H11 | H13 | H14

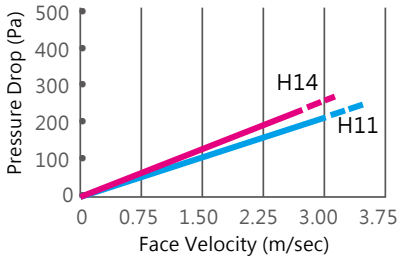
HEPA HV (High Volume) V bank Filters

Specifications

Frame：Galvanized Iron, Aluminum, ABS (header thickness: 25 mm)
Header：Single header or box type
Media：Wet-laid glass fiber
Type：1V,2V,3V, 4V, 5V, 6V
(Plastic frame: ONLY available for 4V)
Media：Wet-laid micro-glass fiber
Efficiency：
H11 (EN 1822) / MERV 16 (ASHRAE 52.2)
MPPS:≥95% / DOP: ≥99.9%@0.3 μm
H13 (EN 1822) / MERV 17-18 (ASHRAE 52.2)
MPPS: ≥99.95% / DOP: ≥99.99%@0.3 μm
H14 (EN 1822) / MERV 19 (ASHRAE 52.2)
MPPS：≥99.995% / DOP: ≥99.999%@0.3 μm
Separator：Hot-melt adhesives
Sealant：Polyurethane (PU)
Flame Retardant Grade：UL900
Max. Temperature：
(1) Metal Frame≦ 70°C (2) ABS frame≦ 60°C
Max. Humidity：≦ 100% RH
Rec. Final Pressure Drop：≦ 600 Pa



Special Size Customized



Advantages

- ✓ Lower air pressure drop
- ✓ Cost saving
- ✓ Extend longer lifespan
- ✓ Higher dust holding capacity

Applications

Suitable for any applications such as PRE FILTER for power generating facilities or FINAL FILTER for high-tech industries. High volume filters are widely used in the area of repeated turbulent air flow, repeated fan shutdown, desert and marine installation.

Nominal Size WxHxD (in.)	Actual Size WxHxD (mm)	Media Area (m²)		Filter Rating (EN1822: 2009)	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
12x24x12	305x610x292x3V	7.85	17.64	H11	900	1529	1000	1699	0.52	130	0.72	180	≤ 600 (2.4 In W.G.)
24x24x12	610x610x292x4V	20.93	23.87		1800	3058	2000	3398	0.60	150	0.80	200	
24x24x12	610x610x292x6V	31.10	35.47		1800	3058	2000	3398	0.52	130	0.72	180	
12x24x12	305x610x292x3V	7.85	17.64	H13	900	1529	1000	1699	0.92	230	1.12	280	
24x24x12	610x610x292x4V	20.93	23.87		1800	3058	2000	3398	1.00	250	1.20	300	
24x24x12	610x610x292x6V	31.10	35.47		1800	3058	2000	3398	0.92	230	1.12	280	
12x24x12	305x610x292x3V	7.85	17.64	H14	900	1529	1000	1699	0.92	230	1.12	280	
24x24x12	610x610x292x4V	20.93	23.87		1800	3058	2000	3398	1.00	250	1.20	300	
24x24x12	610x610x292x6V	31.10	35.47		1800	3058	2000	3398	0.92	230	1.12	280	

◎ Face Velocity: Standard Velocity: 2.3 m/s High Velocity: 2.5 m/s ◎ Customized sizes are avaiable upon request. ◎ Pressure drop tolerance: ±15%