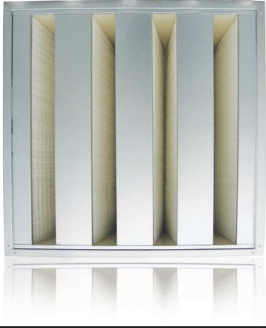


Semi-High Efficiency V-Shaped Mini-Pleated Air Filter

M-SHV



Applications



Cleanroom



General



Commercial Building



Industrial

Product Features

Operating Conditions

Continuous operating temperature: Max. 80°C
Operating relative humidity: ≤100 (%RH)



Structure/Arrangement

Mini-pleated media assembled into V-bank configuration for greater air flow and longer service life



Frame

Material: Galvanised steel / aluminium / ABS
Thickness: 292mm
Header: Non-header / single header / double header (thickness: 20mm)



Media

Material: Fiberglass
Separator: Hot melt bead



Efficiency (EN1822:2009)

E10, E11, E12

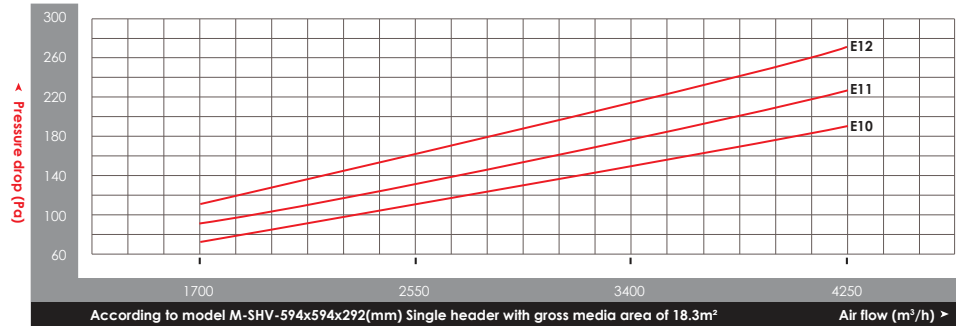


Sealant

Material: Polyurethane glue



Graph Of Initial Pressure Drop Versus Air Flow



Product Specifications

Nominal Dimension (inch)	Actual Dimension (mm)	Gross Media Area (m²)	Header (Non/Single/Double)	Air Flow (m³/h)	Initial Pressure Drop at 2.5 m/s (Pa)		
					E10	E11	E12
WxHxD	WxHxD						
12x24x12	289x594x292	9.2	Single Header	1700	150	180	215
24x12x12	594x289x292	8.9		1700	150	180	215
24x20x12	594x492x292	15.2	Single Header	2800	150	180	215
24x24x12	594x594x292	18.3		3400	150	180	215
12x24x12	610x610x292	18.8	Non-Header	1700	120	150	185
24x24x12	305x610x292	9.4		3400	120	150	185

Remarks: 1. Tolerance of initial pressure drop is ± 10%.
2. Tolerance of dimension is ± 3mm.
3. Other dimensions are available upon request.