

M-SHV SEMI-HIGH EFFICIENCY V-SHAPED MINI-PLEATED AIR FILTER



PRODUCT FEATURES

- V-shaped low pressure drop design ensures low resistance
- Mini-pleated design with melt-blown media
- High dust holding capacity and extended service life
- Robust structure ensures stable performance under turbulent airflow conditions
- Polypropylene frame, fully incinerable for environmentally friendly disposal

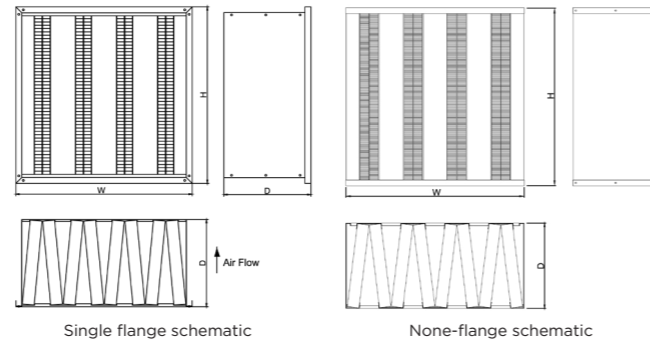
APPLICATIONS

- Semi-high efficiency filtration for cleanroom HVAC systems as well as commercial and industrial applications
- Suitable for HVAC systems in high-humidity environments
- Suitable for variable air volume (VAV) HVAC systems
- Ideal for HVAC systems with limited installation space
- Widely used in cleanrooms and other environments with stringent air cleanliness requirements

EFFICIENCY

- E10, E11, E12

PRODUCT STRUCTURE DESCRIPTION



NAME SPECIFICATION

SHV - 01 - □□□ - □□□ - □□□ - □□□ - E□ - □□

- 1 Enclosure type: X-Non-flange, D1-Single flange
- 2 Air-tight gasket: E0-None, E1-Upstream, E2-Both sides, E3-Downstream
- 3 Frame material: PL-ABS, SG-Galvanized steel sheet, AL-Aluminium
- 4 Filter: 2-2V, 3-3V, 4-4V, 6-6V, 7-7V
- 5 Dimensions: Width x Height x Depth (WxHxD), unit: mm
- 6 Efficiency: E10, E11, E12
- 7 Manufacturer: MayAir
- 8 Type: Semi-High efficiency V-shaped mini-pleated air filter

Product Specifications								
Nominal Dimensions W x H x D (Inch)	Actual Dimensions W x H x D (mm)	Filter Block (V)	Flange (Material)	Airflow (m ³ /h)	Rated Initial Pressure Drop (Pa)			Recommended Final Pressure Drop (Pa)
					E10	E11	E12	
24 x 24 x 12	592 x 592 x 292	4	Single flange (metal frame)	3,400	140	210	250	500
24 x 20 x 12	592 x 490 x 292	4		2,800	140	210	250	500
24 x 12 x 12	592 x 287 x 292	4		1,500	140	210	250	500
24 x 24 x 12	610 x 610 x 292	4		3,400	150	225	269	500
24 x 20 x 12	610 x 305 x 292	4		2,800	150	225	269	500
24 x 12 x 12	592 x 287 x 292	4		1,500	150	225	269	500

Remark:
1. Initial pressure drop performance tolerance is ±15%.
2. Metal frames are available for custom sizes.

List of Materials	
Frame	ABS / Galvanized steel / Aluminium
Filter Depth	292mm
Filter Material	Water-resistant fiberglass
Separator	Hot melt adhesive
Sealant	Polyurethane

Applicable Conditions	
Maximum Temperature	70°C (158°F)