

M-HV HIGH EFFICIENCY V-SHAPED MINI-PLEATED 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

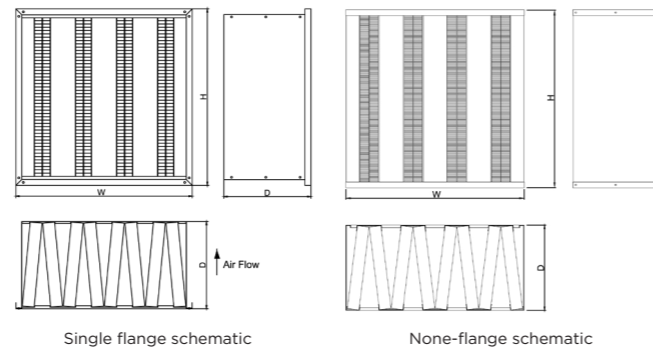
APPLICATIONS

- 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

- 99.95%@MPPS(H13), 99.995%@MPPS(H14)

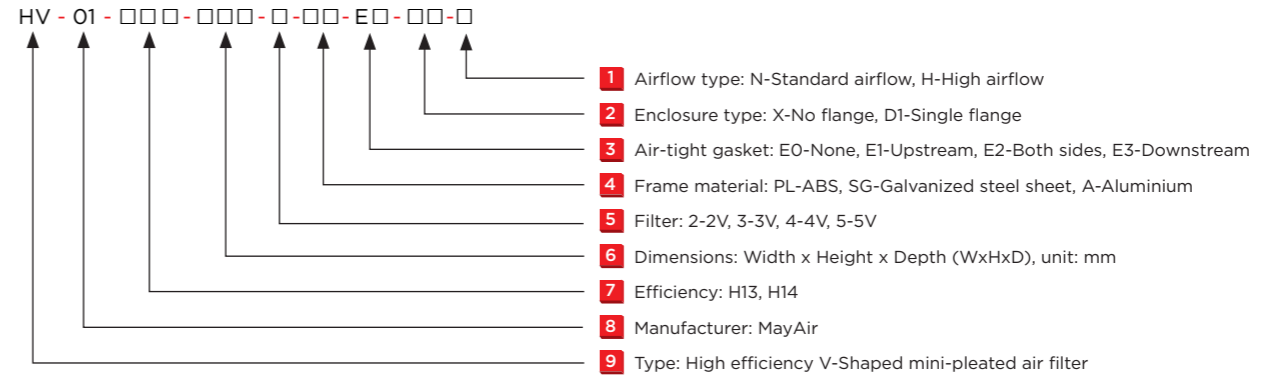
PRODUCT STRUCTURE DESCRIPTION



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)

NAME SPECIFICATION



Product Specifications: Standard Airflow							
Nominal Dimensions W x H x D (Inch)	Actual Dimensions W x H x D (mm)	Filter Block (V)	Flange (Material) (None / Single)	Airflow (m³/h)	Rated Initial Pressure Drop (Pa)		Recommended Final Pressure Drop (Pa)
					H13	H14	
24 x 24 x 12	592 x 592 x 292	4	Single flange (metal frame)	3,400	270	340	500
24 x 20 x 12	592 x 490 x 292	4		2,800	270	340	500
24 x 12 x 12	592 x 287 x 292	4		1,500	270	340	500
24 x 24 x 12	592 x 592 x 292	5	Single flange (ABS)	3,400	290	350	500
24 x 20 x 12	592 x 490 x 292	5		2,800	290	350	500
24 x 12 x 12	592 x 287 x 292	5		1,500	290	350	500
24 x 24 x 12	592 x 592 x 292	4		3,400	320	390	500
24 x 20 x 12	592 x 490 x 292	4		2,800	320	390	500
24 x 12 x 12	592 x 287 x 292	4	1,500	320	390	500	

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

Product Specifications: High Airflow							
Nominal Dimensions W x H x D (Inch)	Actual Dimensions W x H x D (mm)	Filter Block (V)	Flange (Material) (None / Single)	Airflow (m³/h)	Rated Initial Pressure Drop (Pa)		Recommended Final Pressure Drop (Pa)
					H13	H14	
24 x 24 x 12	592 x 592 x 292	4	Single flange (metal frame)	3,400	250	290	500
24 x 20 x 12	592 x 490 x 292	4		2,800	250	290	500
24 x 12 x 12	592 x 287 x 292	4		1,500	250	290	500
24 x 24 x 12	592 x 592 x 292	5	Single flange (ABS)	3,400	260	300	500
24 x 20 x 12	592 x 490 x 292	5		2,800	260	300	500
24 x 12 x 12	592 x 287 x 292	5		1,500	260	300	500

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