

# Hepa Filters

Single-V

## Application

These filters are dihedral in shape and have two filtering faces. They are specially devised to provide a large filtering surface with a minimum volume. Thanks to their modular structure these dihedral filters can be put together-just like bricks in a wall-to make large filtering blocks. A special adhesive tape allows perfect sealing. When used as pre-filters they are employed in ventilation and air conditioning installations and are placed on the air intake.



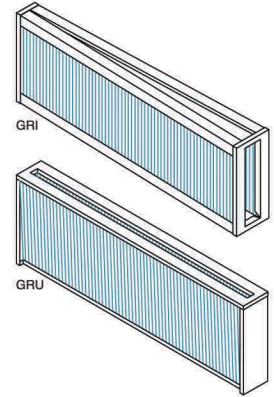
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## Properties

FILTER CLASS	F8	F9	H10	H12	H13
Efficiency % DOP	-	-	≥ 95	≥ 99,97	≥ 99,99
Efficiency Ea %	≥ 95	≥ 98	-	-	-
Recommended Final Pressure Drop	600 Pa	600 Pa	600 Pa	600 Pa	600 Pa
Continuous Temperature Resistance	80°C	80°C	80°C	80°C	80°C
Max. Relative Humidity Resistance	100%	100%	100%	100%	100%
Frame	Galvanized				
Media	Mini-pleat Glass Fibre Paper				
Fire Resistance Class	K1 / F1 according to DIN 53438				
Filter Stage	II - III				



Code/Dimensions WxHxD	Width mm	Height mm	Depth mm	Air Flow m³/h	Initial Pressure Drop Pa	Filtering Surface m²
VS-GRI-202x600x87-F8	202	600	87	200	85	3.5
VS-GRU-600x202x65-F8	600	202	65	200	40	3.5
VS-GRI-202x600x87-F9	202	600	87	200	120	3.5
VS-GRU-600x202x65-F9	600	202	65	200	90	3.5
VS-GRI-202x600x87-H10	202	600	87	200	140	3.5
VS-GRU-600x202x65-H10	600	202	65	200	100	3.5
VS-GRI-202x600x87-H12	202	600	87	200	160	3.5
VS-GRU-600x202x65-H12	600	202	65	200	115	3.5
VS-GRI-202x600x87-H13	202	600	87	200	180	3.5
VS-GRU-600x202x65-H13	600	202	65	200	130	3.5

• Available for different sizes

## Models

- The model VS-GRI is used when entrance sections are limited in size and for maximum lengths
- The model VS-GRU is used in case of front surfaces greater than depths when measured in direction of the air flow
- Velocity can be up to 3,8 m/sec
- Using for filtering batteries in ventilation plants

## PRODUCTCODE

V S • G R I • w / h / d • F 8

Filter Model: VS-SINGLE-V

Frame Type: G-Galvanized

Rt: Rigid Filter

I: Short Entrance U: Long Entrance

Dimensions: 202x600x87

Efficiency: F8, F9, H10, H12, H13