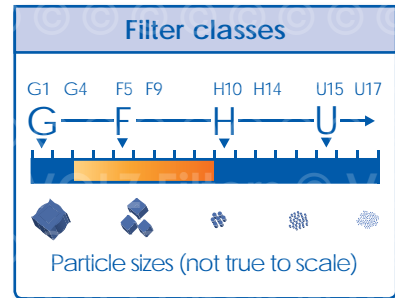
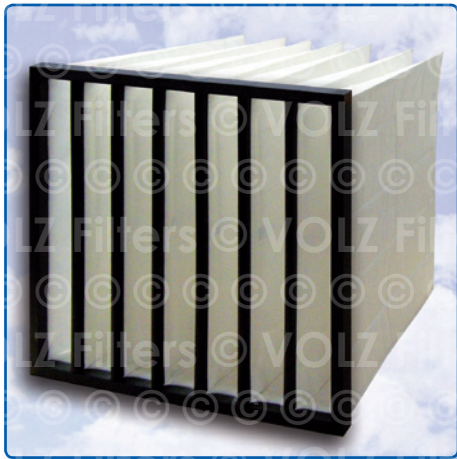




Pocket filter V-series



Applications

- For high requirements in the air conditioning technology, e.g. offices, hospitals, laboratories, computing center, etc.
- For industrial applications with challenging operating conditions, e.g. paint-spray lines in automotive industry, pharmaceutical industry and food industry
- Prefiltration e.g. for HEPA filters

Classification acc. to EN 779

Polyester:

- V30 G3 (EU3) - version
- V40 G4 (EU4) - version
- V55 F5 (EU5) - version
- V65 F6 (EU6) - version

Meltblown:

- V50 F5 (EU5) - version
- V60 F6 (EU6) - version
- V70 F7 (EU7) - version
- V80 F8 (EU8) - version
- V90 F9 (EU9) - version

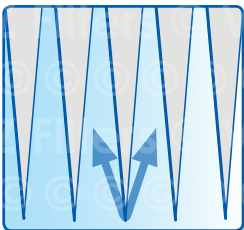
Versions

- Standard sizes welded, with "Pocket-Fitting" and cover sticks
- Frame types:
Plastic frame (25mm),
Metal frame (25mm)
- Filters with plastic frame are fully incinerable
- Optional with foamed hygiene-gasket

Material characteristics

- Tested according to EN 779
- Fire prevention requirements according to DIN 53438 (F1)
- Humidity resistant up to 100% r. h.
- Temperature resistant up to max. 80°C depending on type of frame
- Lacquer compatibility according to IPA-control
- Higher density and pressure load due to endless pockets and their edge welding as well as specific material characteristics

Benefits of VOLZ Filters



V-shape

- High self-rigidity
- Optimal pocket opening
- Better air-flow
- Optimal and complete dust embedding of pockets



Characteristics

- High dust holding capacity
- High durability
- High pressure load (3500 Pa)
- V55 / V65 specifically suitable for air-circulation mode through reinforcing textile on clean air side



Hygiene-gasket (optional)

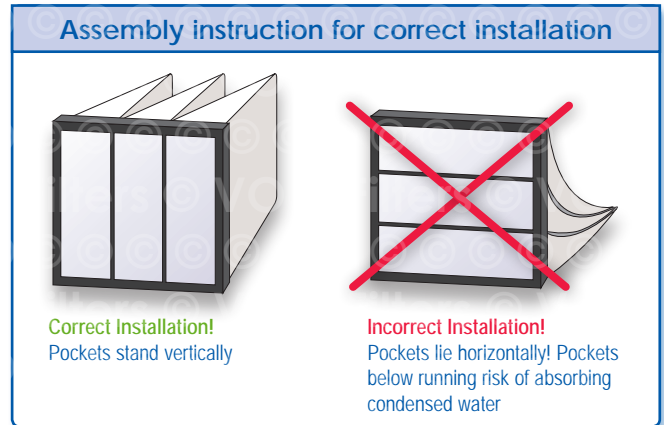
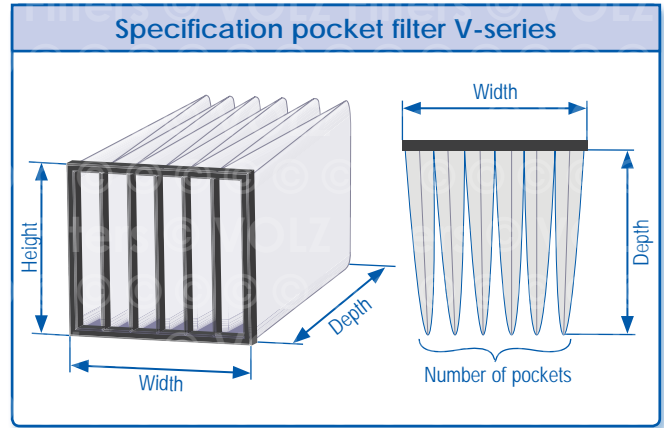
- Hygiene-gasket on pocket filter frame available on the clean air side or on the dust air side
- Abrasion-resistant, silicone-free, closed porous



- Filter media and all components are produced in Germany
- Quality control of the complete production with internal filter test equipment and modern quality-management-tools
- Öko-Tex Standard 100 - tested for harmful substances
- Environment-friendly and easily disposable

Standard versions V-series G3 - F9									
Width	Height	Depth	Number of pockets	Filter area	Width	Height	Depth	Number of pockets	Filter area
mm	mm	mm		m ²	mm	mm	mm		m ²
V30 G3 (EU3)					V65 F6 (EU6)				
592	592	600	7	5.9	592	592	600	7	5.9
490	592	600	6	5.1	490	592	600	6	5.1
287	592	600	4	3.4	287	592	600	4	3.4
V40 G4 (EU4)					V70 F7 (EU7)				
592	592	600	7	5.9	592	592	600	8	6.8
490	592	600	6	5.1	490	592	600	6	5.1
287	592	600	4	3.4	287	592	600	4	3.4
V50 F5 (EU5)					V80 F8 (EU8)				
592	592	600	8	6.8	592	592	600	8	6.8
490	592	600	6	5.1	490	592	600	6	5.1
287	592	600	4	3.4	287	592	600	4	3.4
V55 F5 (EU5)					V90 F9 (EU9)				
592	592	600	7	5.9	592	592	600	8	6.8
490	592	600	6	5.1	490	592	600	6	5.1
287	592	600	4	3.4	287	592	600	4	3.4
V60 F6 (EU6)									
592	592	600	8	6.8					
490	592	600	6	5.1					
287	592	600	4	3.4					

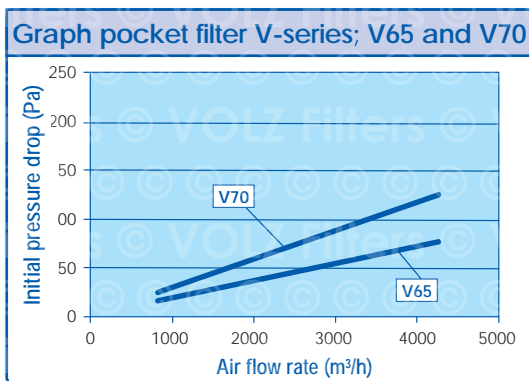
- Plastic frame (25mm), metal frame (25mm)
- Pocket filters with plastic frame must be used holohedral incumbent
- Optional with foamed hygiene-gasket



Pocket filter V-series V65; F6 (EU6)

592 x 592 x 600; 7 pockets

Initial pressure drop (Pa)	60	Average arresance (%)	-
Recommended final pressure drop (Pa)	450	Average efficiency (0.4µm)	60 - 80
Nominal air flow rate (m ³ /h)	3400	Filter area (m ²)	5.9



Pocket filter V-series V70; F7 (EU7)

592 x 592 x 600; 8 pockets

Initial pressure drop (Pa)	100	Average arresance (%)	-
Recommended final pressure drop (Pa)	450	Average efficiency (0.4µm)	80 - 90
Nominal air flow rate (m ³ /h)	3400	Filter area (m ²)	6.8

VOLZ Luftfilter GmbH & Co. KG
 Robert-Bosch-Straße 25 Phone: +49 - (0)7451 - 5516 - 0 info@volzfilters.com
 D-72160 Horb am Neckar Fax: +49 - (0)7451 - 5516 - 120 www.volzfilters.com

All information, images and pictures are property of VOLZ Luftfilter GmbH & Co. KG and are provided to the best knowledge. However VOLZ Luftfilter GmbH & Co. KG does not guarantee the completeness or correctness and cannot be held responsible for damages caused by the recipient's usage or his confidence in the completeness or correctness of the information. The stated data contains average values with tolerances as a result of production irregularities; therefore it does not relieve the recipient of own examination and tests. For the correctness of the information in particular cases, an explicit and written affirmation through VOLZ Luftfilter GmbH & Co. KG is required. Furthermore, the data serves as a service description and cannot be interpreted as warranted properties or durabilities.