



Compact Rigid Compact Filters

M5 - H10 Tested according to EN 779:2012



Fire retardant to DIN53438-3 (F1)



Certificate No: 15.06.011. Volz GmbH.

Highly efficient and environmentally-friendly our Compact V-Filters can be installed in existing filter housings with no modification required. Tested according to EN 779:2012, they offer outstanding filtration performance, lower energy consumption and greatly improve Indoor Air Quality (IAQ). They are ideal for use in hospitals, pharmaceutical and food industries as well as office environments and computer centres.

Choose Compact V-Filters for outstanding IAQ.

THE KEY BENEFITS

- 1 High indoor air quality**
The V configuration creates a large surface area delivering fine filtration coupled with a high dust holding capacity promoting consistently high levels of IAQ.
- 2 Environmentally Friendly**
The V shaped plastic frames are fully incinerable eliminating the need for any waste to landfill.
- 3 Longer service life**
The energy efficient V design and high performance filter media significantly increases service life whilst reducing energy consumption, filter changes and labour cost.



Air conditioning & ventilation technology



Painting & drying technology



Compact Rigid Compact Filters

APPLICATIONS

- Hospitals, offices and computer centres
- Pharmaceutical and food environments
- Fine pre-filtration for HEPA filters

VERSIONS

- 20 and 25mm headers

CLASSIFICATION

- Filter class M5-H10

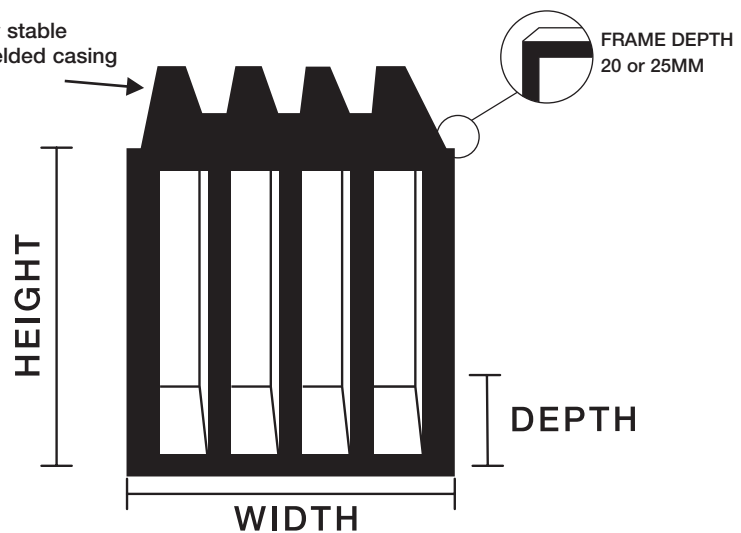
MATERIAL CHARACTERISTICS

- Tested according to EN 779:2012
- Energy efficient
- Recommended final pressure drop: 650pa
- Fire prevention requirements according to DIN 53438-3 (F1)
- Lacquer compatibility according to IPA-control
- Humidity resistant up to 100% r.h.
- Temperature resistant up to 80°C

Standard versions Compact Rigid M5 - H10

Width	Height	Depth	Filter surface
mm	mm	mm	m ²
592	592	292	19
490	592	292	15
287	592	292	9.5

Extremely stable plastic welded casing



Please order in the following sequence: Width x Height x Depth

Compact Rigid V-Filter; F7
592 x 592 x 292 mm; 8 filter packs

Nominal air flow rate (m ³ /h)	3400	5000
Initial pressure drop (Pa)	95	180
Recommended final pressure drop (Pa)	650	
Average efficiency (0.4µm) (%)	80 - 90	
Filter area (m ²)	19	

Information: The recommended final pressure drop for compact filters is 650 Pa (filter classes M5 - M6 and F7 - F9)

Graph Compact Rigid V-Filter F7

