



Compact Rigid V-Filters

M5 - F9 ePM 10 55% - ePM 1 80%



Filter class acc. to ISO 16890		
M5	ePM 10	55%
M6	ePM 10	65%
F7	ePM 2.5	70%
F8	ePM 1	60%
F9	ePM 1	80%

Highly efficient and environmentally-friendly our Compact Rigid V-Filters can be installed in existing filter housings with no modification required. Tested according to ISO 16890 / 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 Rigid 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 V-Filters

M5 - F9 ePM 10 55% - ePM 1 80%

APPLICATIONS

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

VERSIONS

- 25mm header

MATERIAL CHARACTERISTICS

- Tested according to EN 779:2012
- Energy efficient
- Recommended final pressure drop: 450 - 1000pa
- Humidity resistant up to 100% r.h.
- Temperature resistant up to 80°C
- Glass fibre and hot melts

Standard versions Compact Rigid V-Filters M5 - F9

Width	Height	Depth	Filter surface
mm	mm	mm	m ²
592	592	292	18
490	592	292	14.5
287	592	292	9

Extremely stable plastic welded casing

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

Compact Rigid V-Filter; 592 x 592 x 292 mm; 8 filter packs F7 ePM 2.5 70%	
Nominal air flow rate (m ³ /h)	3600
Initial pressure drop (Pa)	80
Recommended final pressure drop (Pa)	450 - 1000
Average efficiency (0.4µm) (%)	85%
Filter area (m ²)	18
Information: The recommended final pressure drop for compact filters is 650 Pa (filter classes M5 - M6 and F7 - F9)	

