

FA-MV 95S-F8

# Minipleat V-bank synthetic



## ■ Rigid construction

The FA-MV 95S minipleat rigid V-bank air filter is extremely durable.

Design construction assures optimum performance in turbulent and variable air flow conditions.

Aerodynamic and lightweight execution for easy handling and transport, contains no metal parts and is fully incinerable.

Incorporates patented clip-on feature allowing attachment of a pre-filter on the front-frame without increasing pressure drop through blinding by the pre-filter.

## ■ Synthetic filter medium

Pleated medium-pack is built from progressively structured depth loading melt blown synthetic microfiber, stiffened to eliminate glue separators and maximize usable medium area. Resistant to physical damage from moisture and chemicals and free from any binders.

Does not retain moisture or support microbial growth.

Media-pack pleats stay rigid in moisture-laden, variable air volumes and provide extremely low pressure drops at high efficiency levels.

## ■ Unique design

Durable, lightweight, aerodynamic, 100% incinerable, fits all standard VAV and HVAC installations.

Meets all stringent requirements for clean air quality and energy efficiency standards.

Free of all halogens, metals, glass fibers and is silicone-free.

## Tested parameters

ASHRAE 52.2 rating @ 2000 cfm	MERV 15 and F8
Average dust spot efficiency	97.8 % @ 1-3 µm
Dust holding capacity @ 450 Pa or 1.5" w.g.	1450 grs
Dust holding capacity @ 1000 Pa or 4.0" w.g.	283.2 grs
Burst strength	3000 Pa or 12" wg

## Performance FA-MV 95S-F8 1/1

Temperature resistance	70 °C or 150 °F
Media	Synthetic
Relative humidity	100 %
Initial pressure drop	71 Pa or 0.287" wg
Test air flow	3400 m3/h or 2000 cfm
Recommended final pressure drop	450 Pa or 1.8" wg

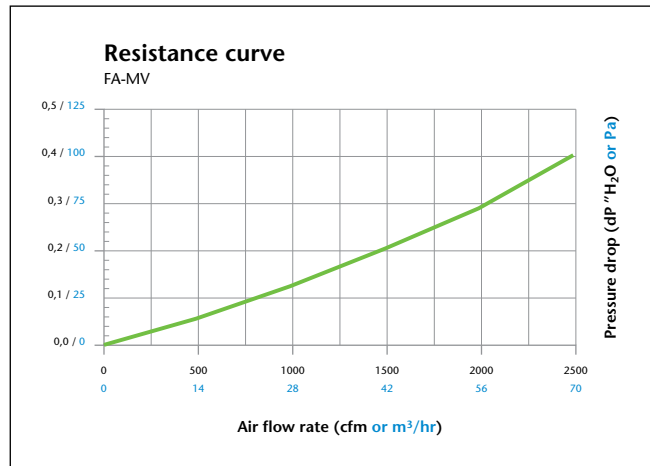
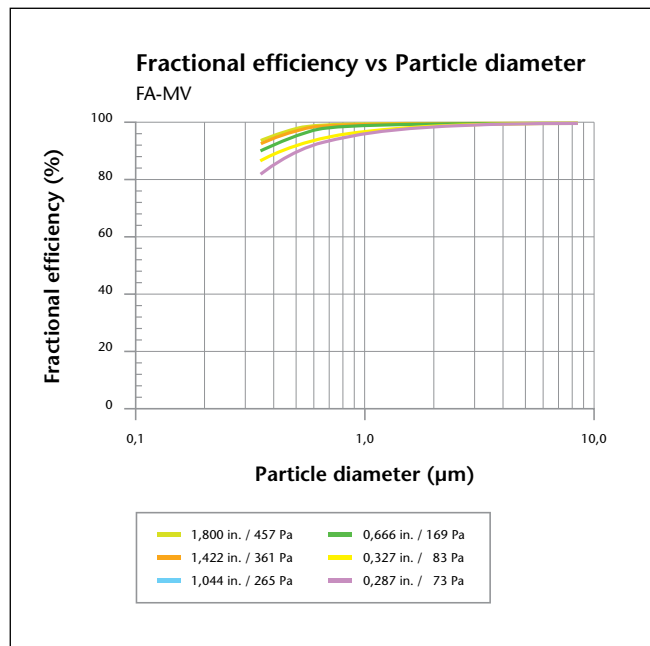
## Application specialties

- Air intake for commercial plants
- Air intake for industrial plants
- Food and pharmaceutical labs
- Electronic manufacturing facilities
- Pre-filter for absolute filtration systems
- Utility- and co-generation plants

### Ecological aspects



- Contributes to dust-free operation
- No silicones, halogens or bleaching agents used
- No metal components of any kind, eliminates corrosion
- Reduced plastic component use
- No sorting before disposal necessary
- Unit 100% incinerable, no glass fibers used



## Technical data FA-MV 95S-F8 1/1

Size	Unit	1/1	1/2	5/6
Frontheader	mm	592 x 592 x 22	287 x 592 x 22	490 x 592 x 22
Depth of box	mm / inch	315 mm / 12 inch 1/2	315 mm / 12 inch 1/2	315 mm / 12 inch 1/2
Number of vees	-	4	2	3
Media area	m2 / ft2	16 / 170	8 / 85	13.3 / 142
Weight	grs / lbs	4500 / 10.0	2250 / 5.0	3750 / 8.3
Fitting	mm / inch	610 x 610 / 24 x 24	305 x 610 / 12 x 24	508 x 610 / 20 x 24

■ Distributor