



Advantages

- Developed for safe use in microelectronic cleanrooms and equipment
- High dust holding capacity
- Filter scanned according to EN1822, IEST or other required standards
- Zero leak guarantee
- Low outgassing adhesives and gasket (no organic flame retardant)
- Ideal for nanoparticle filtration (100 nm)
- 100% filter scan test for guaranteed performance
- Individual efficiency test reports
- No organic outgassing from test aerosol
- Manufactured and packed in cleanroom environment

Application: Microelectronic cleanrooms and equipment.

Nanoparticle filtration

Type: Pleated Panel

Frame: Anodized aluminium

Gasket: EPDM

Media: Glass fiber

Separator: Hot Melt Separator Technology

Sealant: Polyurethane

Grille, Upstream: Expanded metal painted

Grille, Downstream: Expanded metal painted

Temperature max: 70°C

RH. max: 100%

Test: 100% individual scan test according to EN1822, IEST RP-CC007 or required standard

Test aerosol: PSL. Oil free

Fire rating: UL900

Remarks: Many frame options and dimensions are available on request

Model Name	EN1822	Dimensions WxHxD (mm)	Pressure drop (Pa)	Filter Efficiency Particle d=20nm	Filter Efficiency Particle d=100-200nm	Filter Efficiency Particle d=300nm
Fabsafe MD H13	H13	1170x1170x66	110	≥99.99999%	≥99.995%	≥99.997%
Fabsafe MD H13	H13	1170x570x66	110	≥99.99999%	≥99.995%	≥99.997%
Fabsafe MD H14	H14	1170x1170x66	130	≥99.999999%	≥99.995%	≥99.997%
Fabsafe MD H14	H14	1170x570x66	130	≥99.999999%	≥99.995%	≥99.997%
Fabsafe MX H14	H14	1170x1170x90	90	≥99.999999%	≥99.995%	≥99.997%
Fabsafe MX H14	H14	1170x570x90	90	≥99.999999%	≥99.995%	≥99.997%
Fabsafe MG H14	H14	1170x1170x110	60	≥99.999999%	≥99.995%	≥99.999%
Fabsafe MG H14	H14	1170x570x110	60	≥99.999999%	≥99.995%	≥99.999%
Fabsafe MD U15	U15	1170x1170x66	140	≥99.9999999%	≥99.9995%	≥99.9997%
Fabsafe MD U15	U15	1170x570x66	140	≥99.9999999%	≥99.9995%	≥99.9997%
Fabsafe MX U15	U15	1170x1170x90	110	≥99.9999999%	≥99.9995%	≥99.9997%
Fabsafe MX U15	U15	1170x570x90	110	≥99.9999999%	≥99.9995%	≥99.9997%
Fabsafe MG U15	U15	1170x1170x110	80	≥99.9999999%	≥99.9995%	≥99.9999%
Fabsafe MG U15	U15	1170x570x110	80	≥99.9999999%	≥99.9995%	≥99.9999%
Fabsafe MX U16	U16	1170x1170x90	130	≥99.99999999%	≥99.99995%	≥99.99997%
Fabsafe MX U16	U16	1170x570x90	130	≥99.99999999%	≥99.99995%	≥99.99997%
Fabsafe MG U16	U16	1170x1170x110	90	≥99.99999999%	≥99.99995%	≥99.99999%
Fabsafe MG U16	U16	1170x570x110	90	≥99.99999999%	≥99.99995%	≥99.99999%

Other sizes available on request