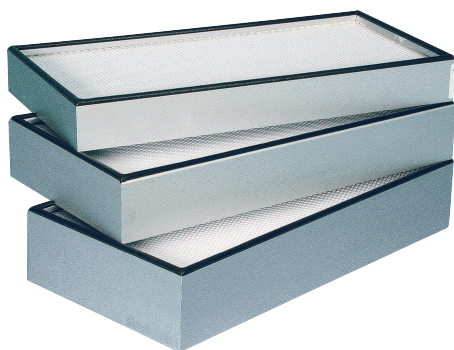




ADVANTAGES

- 100% filter scan tested according to ISO29463
- Individual efficiency test reports
- High dust holding capacity
- Manufactured and packed in a controlled environment
- Developed for microelectronic cleanrooms and equipment
- Ideal for nanoparticle filtration (<100 nm)
- No organic outgassing from test aerosol
- Ultra-low outgassing components

Application	Microelectronic cleanrooms and equipment. Nanoparticle filtration
Frame	Extruded anodized aluminium
Gasket	EPDM
Media	Glass fiber
Separator	Hot-melt
Sealant	Polyurethane
Grille, Upstream	Expanded metal painted
Grille, Downstream	Expanded metal painted
Recommended final pressure drop	2x Initial pressure drop
Max airflow	Nominal flow rate (if not, efficiency drops)
Max Temperature (°C)	70°C
Relative Humidity max	100%
Comment	Test: 100% individual scan test according to EN1822, IEST RP-CC007 or required standard Test aerosol: PSL. Oil free Fire rating: UL900 & FM4920 Remarks: Many frame options and dimensions are available on request

Type	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%	≥99.95%	≥99.97%
Fabsafe MD H13	H13	1170x570x66	110	≥99.99999%	≥99.95%	≥99.97%
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	≥99.999999%	≥99.9995%	≥99.9997%
Fabsafe MD U15	U15	1170x570x66	140	≥99.999999%	≥99.9995%	≥99.9997%
Fabsafe MX U15	U15	1170x1170x90	110	≥99.999999%	≥99.9995%	≥99.9997%
Fabsafe MX U15	U15	1170x570x90	110	≥99.999999%	≥99.9995%	≥99.9997%
Fabsafe MG U15	U15	1170x1170x110	80	≥99.999999%	≥99.9995%	≥99.9999%
Fabsafe MG U15	U15	1170x570x110	80	≥99.999999%	≥99.9995%	≥99.9999%
Fabsafe MX U16	U16	1170x1170x90	130	≥99.9999999%	≥99.99995%	≥99.99997%
Fabsafe MX U16	U16	1170x570x90	130	≥99.9999999%	≥99.99995%	≥99.99997%
Fabsafe MG U16	U16	1170x1170x110	90	≥99.9999999%	≥99.99995%	≥99.99999%
Fabsafe MG U16	U16	1170x570x110	90	≥99.9999999%	≥99.99995%	≥99.99999%

*Other sizes available on request