



## 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 (dopant free) components

<b>Application</b>	Microelectronic cleanrooms and equipment.Nanoparticle filtration
<b>Frame</b>	Anodized aluminium
<b>Gasket</b>	EPDM
<b>Media</b>	Glass fiber
<b>Separator</b>	Hot-melt
<b>Sealant</b>	Polyurethane
<b>Grille, Upstream</b>	Expanded metal painted
<b>Grille, Downstream</b>	Expanded metal painted
<b>Rec. final pressure drop</b>	MD: 500 Pa, MX: 600 pa, MG:800 Pa
<b>Recommended final pressure drop</b>	2x Initial pressure drop
<b>Max airflow</b>	Nominal flow rate (if not, efficiency drops)
<b>Max Temperature (°C)</b>	70°C
<b>Relative Humidity max</b>	100%
<b>Comment</b>	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	≥99.9999999%	≥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