



ADVANTAGES

- Individual efficiency test reports
- Zero leak guarantee
- No organic outgassing from test aerosol
- Low outgassing adhesives and gasket (no organic flame retardant)
- Dopant free components
- Manufactured and packed in cleanroom environment
- Developed for safe use in microelectronic cleanrooms and equipment
- Energy savings through use of synthetic PTFE membrane technology
- Compact solution
- 100% filter scan test for guaranteed performance
- Filter scanned according to EN1822, IEST or other required standards



Application	Microelectronic cleanrooms and equipment. Low energy usage
Type	Pleated Panel
Frame	Anodized aluminium
Gasket	EPDM
Media	Membrane
Separator	Hot Melt Separator Technology
Sealant	Polyurethane
Grille, Upstream	Expanded metal painted
Grille, Downstream	Expanded metal painted
Temperature max	70°C
RH. 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 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
ES Fabsafe MX U16	U16	1170x1170x90	85	≥99.99995%	≥99.99995%	≥99.99995%
ES Fabsafe MX U15	U15	1170x1170x90	65	≥99.9995%	≥99.9995%	≥99.9995%
ES Fabsafe MX H14	H14	1170x1170x90	50	≥99.995%	≥99.995%	≥99.995%
ES Fabsafe MX U16	U16	1170x570x90	85	≥99.99995%	≥99.99995%	≥99.99995%
ES Fabsafe MX U15	U15	1170x570x90	65	≥99.9995%	≥99.9995%	≥99.9995%
ES Fabsafe MX H14	H14	1170x570x90	50	≥99.995%	≥99.995%	≥99.995%
ES Fabsafe MD U16	U16	1170x1170x66	105	≥99.99995%	≥99.99995%	≥99.99995%
ES Fabsafe MD U15	U15	1170x1170x66	75	≥99.9995%	≥99.9995%	≥99.9995%
ES Fabsafe MD H14	H14	1170x1170x66	60	≥99.995%	≥99.995%	≥99.995%
ES Fabsafe MD U16	U16	1170x570x66	105	≥99.99995%	≥99.99995%	≥99.99995%
ES Fabsafe MD U15	U15	1170x570x66	75	≥99.9995%	≥99.9995%	≥99.9995%
ES Fabsafe MD H14	H14	1170x570x66	60	≥99.995%	≥99.995%	≥99.995%
ES Fabsafe MD U15	U15	1170x1170x50	90	≥99.9995%	≥99.9995%	≥99.9995%
ES Fabsafe MD H14	H14	1170x1170x50	75	≥99.995%	≥99.995%	≥99.995%
ES Fabsafe MD U15	U15	1170x570x50	90	≥99.9995%	≥99.9995%	≥99.9995%
ES Fabsafe MD H14	H14	1170x570x50	75	≥99.995%	≥99.995%	≥99.995%

Other sizes available on request