



ADVANTAGES

- 100% filter scan tested according to ISO29463
- Individual efficiency test reports
- Energy saving with low pressure drop PTFE media
- Manufactured and packed in a controlled environment
- Developed for microelectronic cleanrooms and equipment
- No organic outgassing from test aerosol
- Ultra-low outgassing (dopant free) components

Application	Microelectronic cleanrooms and equipment. Low energy usage
Frame	Extruded anodized aluminium
Gasket	EPDM
Media	Membrane
Separator	Hot-melt Separator Technology
Sealant	Polyurethane
Grille, Upstream	Expanded metal painted
Grille, Downstream	Expanded metal painted
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 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
ES Fabsafe MD H14	H14	1170x1170x50	75	≥99.995%	≥99.995%	≥99.995%
ES Fabsafe MD H14	H14	1170x570x50	75	≥99.995%	≥99.995%	≥99.995%
ES Fabsafe MD H14	H14	1170x1170x66	60	≥99.995%	≥99.995%	≥99.995%
ES Fabsafe MD H14	H14	1170x570x66	60	≥99.995%	≥99.995%	≥99.995%
ES Fabsafe MX H14	H14	1170x1170x90	50	≥99.995%	≥99.995%	≥99.995%
ES Fabsafe MX H14	H14	1170x570x90	50	≥99.995%	≥99.995%	≥99.995%
ES Fabsafe MD U15	U15	1170x1170x50	90	≥99.9995%	≥99.9995%	≥99.9995%
ES Fabsafe MD U15	U15	1170x570x50	90	≥99.9995%	≥99.9995%	≥99.9995%
ES Fabsafe MD U15	U15	1170x1170x66	75	≥99.9995%	≥99.9995%	≥99.9995%
ES Fabsafe MD U15	U15	1170x570x66	75	≥99.9995%	≥99.9995%	≥99.9995%
ES Fabsafe MX U15	U15	1170x1170x90	65	≥99.9995%	≥99.9995%	≥99.9995%
ES Fabsafe MX U15	U15	1170x570x90	65	≥99.9995%	≥99.9995%	≥99.9995%
ES Fabsafe MD U16	U16	1170x1170x66	105	≥99.99995%	≥99.99995%	≥99.99995%
ES Fabsafe MD U16	U16	1170x570x66	105	≥99.99995%	≥99.99995%	≥99.99995%
ES Fabsafe MX U16	U16	1170x1170x90	85	≥99.99995%	≥99.99995%	≥99.99995%
ES Fabsafe MX U16	U16	1170x570x90	85	≥99.99995%	≥99.99995%	≥99.99995%

Other sizes available on request