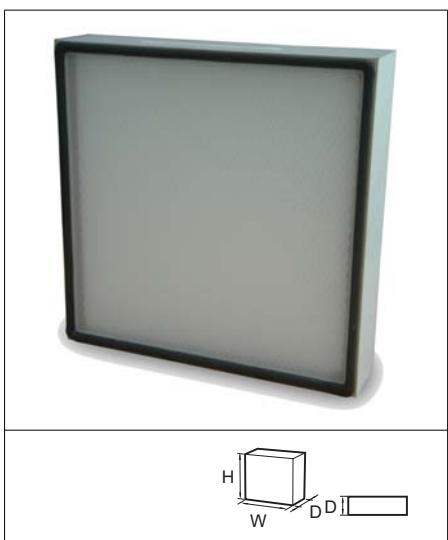


Megalam (Laminator) MDL, MXL, MGL - H14 to U15



Advantages

- Laminarity better than +/- 10%
- Low pressure drop
- Single faceguard
- Longer operating life
- Individually tested according to EN 1822

Application: Final or return filtration for clean rooms with turbulent flow.

Type: High efficiency filter panel with laminator and seal for mechanical clamping systems.

Frame: Extruded and anodized aluminium.

Gasket: Polyurethane endless at outlet.

Media: Glass fibre paper.

Separator: Hot-melt beads.

Sealant: Polyurethane.

Laminator: Glass fibre screen, bonded downstream for laminar diffusion.

Faceguard: Expanded metal at inlet side, powder coated RAL 9016.

EN 1822 filter class: H14, U15.

MPPS efficiency: H14: ≥ 99.995%, U15: ≥ 99.9995%.

Recommended final pressure drop: 500 Pa.

Maximum flow rate: See table, use nominal values otherwise a reduction in efficiency may occur.

Temperature: 70°C maximum in continuous service.

Mounting system: Mechanical clamping structure, Terminal housing.

Fire rating: UL 900 Class 2, FM 4920 approval on request.

Reference	Model	Dimensions (WxHxD) mm	Filter classification EN 1822	Media area m ²	Air flow / pressure drop m ³ /hr/Pa	Unit weight kg	Unit volume m ³
15000203	MDL14- 610*610-01/20	610 x 610 x 66	H14	9.7	603/156	4	0.03
15000206	MDL14- 1219*610-01/20	1219 x 610 x 66	H14	19.5	1205/155	8	0.07
15000403	MDL15- 610*610-01/20	610 x 610 x 66	U15	11.3	603/161	4	0.03
15000406	MDL15- 1219*610-01/20	1219 x 610 x 66	U15	23.1	1205/160	8	0.07
15000803	MXL14- 610*610-01/20	610 x 610 x 90	H14	13.2	603/110	5.6	0.03
15000806	MXL14- 1219*610-01/20	1219 x 610 x 90	H14	26.6	1205/110	11.2	0.07
15001003	MXL15- 610*610-01/20	610 x 610 x 90	U15	15.2	603/131	5.6	0.03
15001006	MXL15- 1219*610-01/20	1219 x 610 x 90	U15	30.5	1205/130	11.2	0.07
15001403	MGL14- 610*610-01/20	610 x 610 x 110	H14	17.5	603/75	5.3	0.04
15001406	MGL14- 1219*610-01/20	1219 x 610 x 110	H14	35.2	1205/74	10	0.08
15001603	MGL15- 610*610-01/20	610 x 610 x 110	U15	18.8	603/95	5.3	0.04
15001606	MGL15- 1219*610-01/20	1219 x 610 x 110	U15	37.8	1205/94	10	0.08

*Other sizes are available on request.