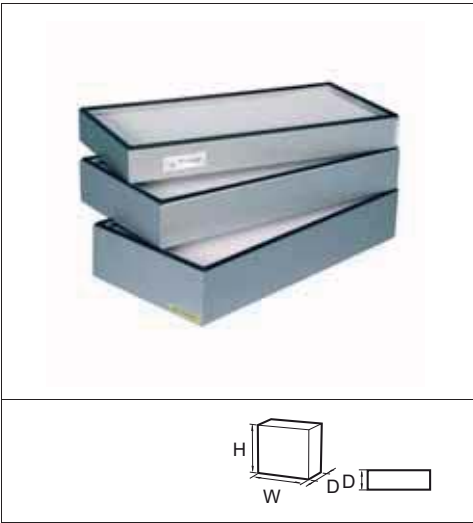


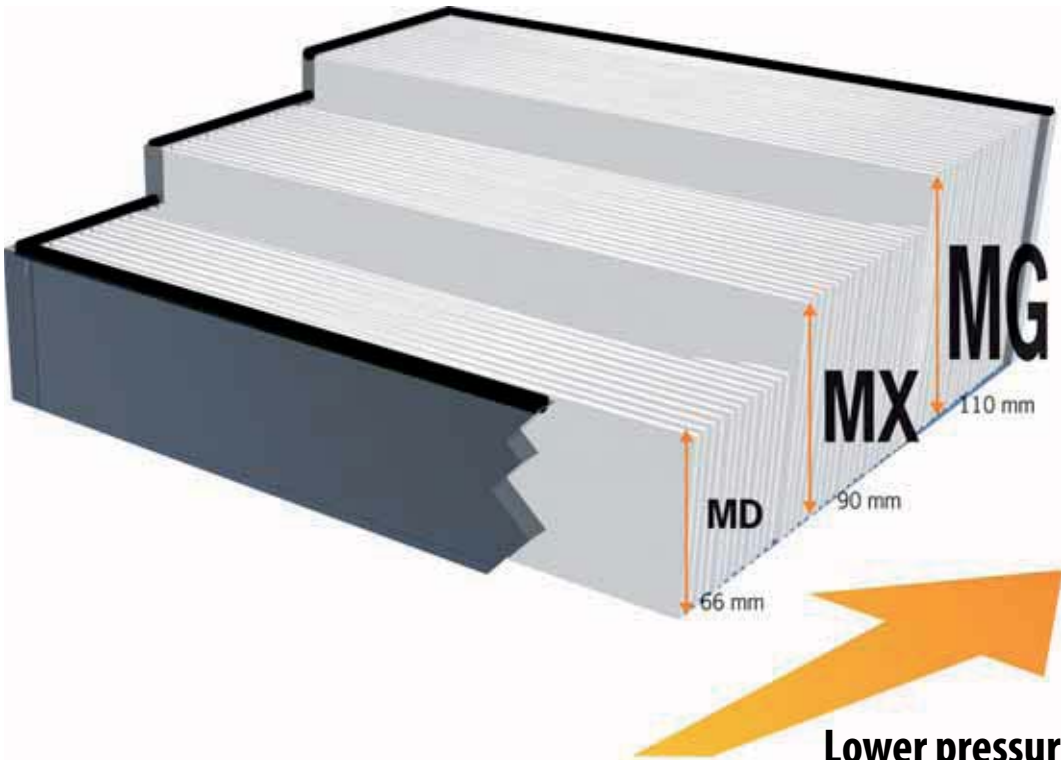
Megalam MD, MX, MG



Advantages

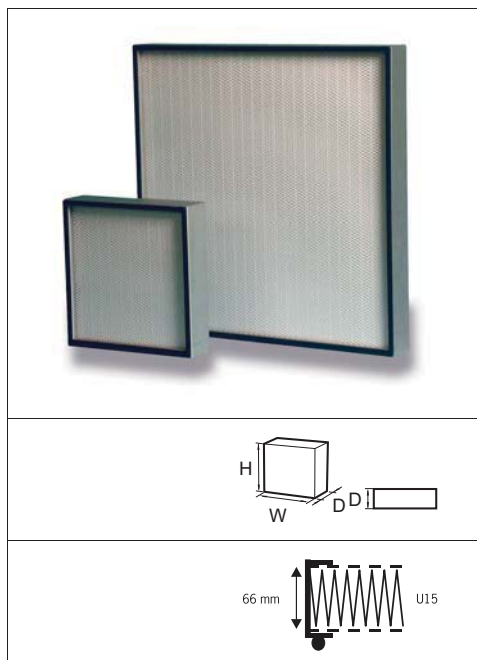
- Low pressure drop
- Low noise
- Higher flow rate
- Longer operating life

Example: Megalam H14 / 610x610 mm			
	MD	MX	MG
Filter area	10m ²	12.5m ²	18m ²
Pressure drop at 0.45 m/s	140 Pa	95 Pa (-32%)	65 Pa (-54%)
Maximum airflow	900 m ³ /h	1300 m ³ /h	2000 m ³ /h
Energy		-32%	-54%
Lifespan	(-)	x 1.5	x 2.5



Lower pressure drop
Higher airflow rate
More energy savings
Longer operating life

Megalam MD - H13 to U15



Advantages

- Low pressure drop
- Double faceguard
- Individually tested according to EN 1822
- Guaranteed performance
- Laminarity better than +/- 20%

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

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

Frame: Extruded and anodized aluminium.

Gasket: Endless polyurethane at inlet.

Media: Glass fibre paper.

Separator: Hot-melt beads.

Sealant: Polyurethane.

Faceguard: Expanded metal on both sides, powder coated with RAL 9016.

EN 1822:2009 filter class: H13, H14, U15.

MPPS efficiency: H13: $\geq 99.95\%$, H14: $\geq 99.995\%$, U15: $\geq 99.9995\%$.

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.

Test: 100% individually tested according to EN 1822.

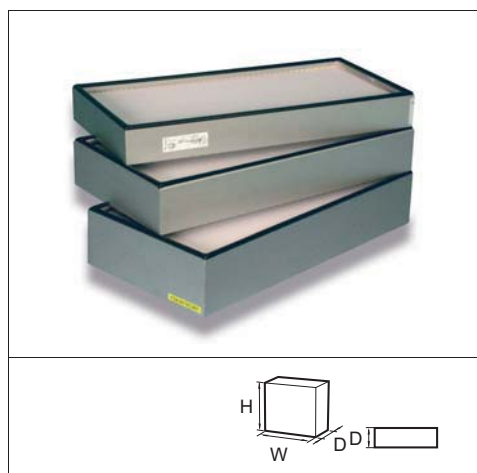
Mounting system: Mechanical clamping structure, Terminal housings.

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

Reference	Model	Dimensions (WxHxD) mm	Filter classification EN 1822:2009	Media area m ²	Air flow / pressure drop m ³ /hr/Pa	Unit weight kg	Unit volume m ³
15002001	MD13- 305*305-10/22	305 x 305 x 66	H13	2.4	151/115	1	0.01
15002002	MD13- 305*610-10/22	305 x 610 x 66	H13	4.8	301/115	2	0.02
15002003	MD13- 610*610-10/22	610 x 610 x 66	H13	9.7	603/115	4	0.03
15002004	MD13- 762*610-10/22	762 x 610 x 66	H13	12.2	753/115	5	0.04
15002005	MD13- 914*610-10/22	914 x 610 x 66	H13	14.6	903/110	6	0.05
15002006	MD13- 1219*610-10/22	1219 x 610 x 66	H13	19.5	1205/110	8	0.07
15002007	MD13- 1524*610-10/22	1524 x 610 x 66	H13	24.5	1506/110	10	0.09
15002008	MD13- 914*762-10/22	914 x 762 x 66	H13	18.4	1128/110	7.5	0.07
15002009	MD13- 1219*762-10/22	1219 x 762 x 66	H13	24.5	1505/110	10	0.09
15002010	MD13- 1524*762-10/22	1524 x 762 x 66	H13	30.7	1881/110	12.5	0.11
15002011	MD13- 914*914-10/22	914 x 914 x 66	H13	22.1	1353/110	9	0.08
15002201	MD14- 305*305-10/22	305 x 305 x 66	H14	2.4	151/145	1	0.01
15002202	MD14- 305*610-10/22	305 x 610 x 66	H14	4.8	301/140	2	0.02
15002203	MD14- 610*610-10/22	610 x 610 x 66	H14	9.7	603/140	4	0.03
15002204	MD14- 762*610-10/22	762 x 610 x 66	H14	12.2	753/140	5	0.04
15002205	MD14- 914*610-10/22	914 x 610 x 66	H14	14.6	903/140	6	0.05
15002206	MD14- 1219*610-10/22	1219 x 610 x 66	H14	19.5	1205/140	8	0.07
15002207	MD14- 1524*610-10/22	1524 x 610 x 66	H14	24.5	1506/140	10	0.09
15002208	MD14- 914*762-10/22	914 x 762 x 66	H14	18.4	1128/135	7.5	0.07
15002209	MD14- 1219*762-10/22	1219 x 762 x 66	H14	24.5	1505/135	10	0.09
15002210	MD14- 1524*762-10/22	1524 x 762 x 66	H14	30.7	1881/135	12.5	0.17
15002211	MD14- 914*914-10/22	914 x 914 x 66	H14	22.1	1353/135	9	0.08
15002401	MD15- 305*305-10/22	305 x 305 x 66	U15	2.7	151/150	1	0.01
15002402	MD15- 305*610-10/22	305 x 610 x 66	U15	5.6	301/145	2	0.02
15002403	MD15- 610*610-10/22	610 x 610 x 66	U15	11.3	603/145	4	0.03
15002404	MD15- 762*610-10/22	762 x 610 x 66	U15	14.2	753/145	5	0.04
15002405	MD15- 914*610-10/22	914 x 610 x 66	U15	17.1	903/145	6	0.05
15002406	MD15- 1219*610-10/22	1219 x 610 x 66	U15	22.7	1205/145	8	0.07
15002407	MD15- 1524*610-10/22	1524 x 610 x 66	U15	28.5	1506/140	10	0.09
15002408	MD15- 914*762-10/22	914 x 762 x 66	U15	21.4	1128/140	7.5	0.07
15002409	MD15- 1219*762-10/22	1219 x 762 x 66	U15	28.5	1505/140	10	0.09
15002410	MD15- 1524*762-10/22	1524 x 762 x 66	U15	35.7	1881/140	12.5	0.11
15002411	MD15- 914*914-10/22	914 x 914 x 66	U15	26	1353/140	9	0.08

*Other sizes are available on request.

Megalam MX - H14 to U15



Advantages

- Low pressure drop
- Higher flow rate
- Longer operating life
- Individually tested according to EN 1822
- Laminarity better than +/- 20%

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

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

Frame: Extruded and anodised aluminium.

Gasket: Polyurethane endless at inlet.

Media: Glass fibre paper.

Separator: Hot-melt beads.

Sealant: Polyurethane.

Faceguard: Expanded metal on both side, powder coated RAL 9016.

EN 1822:2009 filter class: H14, U15.

MPPS efficiency: H14: $\geq 99.995\%$, U15: $\geq 99.9995\%$.

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.

Test: 100% individually tested according to EN 1822.

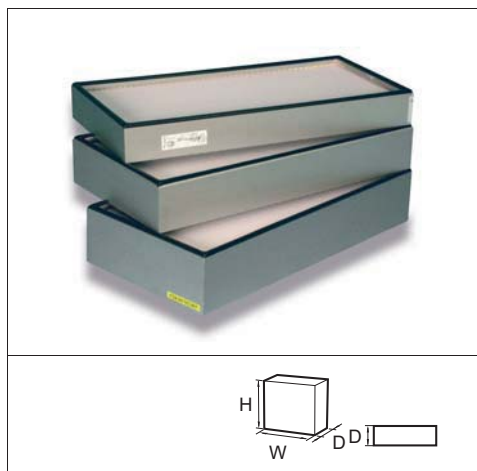
Mounting system: Mechanical clamping structure, Terminal housing.

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

Reference	Model	Dimensions (WxHxD) mm	Filter classification EN 1822:2009	Media area m ²	Air flow / pressure drop m ³ /hr/Pa	Unit weight kg	Unit volume m ³
15002801	MX14- 305*305-10/22	305 x 305 x 90	H14	3.2	151/95	1.4	0.01
15002802	MX14- 305*610-10/22	305 x 610 x 90	H14	6.6	301/95	2.8	0.02
15002803	MX14- 610*610-10/22	610 x 610 x 90	H14	13.2	603/95	5.6	0.04
15002804	MX14- 762*610-10/22	762 x 610 x 90	H14	16.5	753/95	7	0.05
15002805	MX14- 914*610-10/22	914 x 610 x 90	H14	20.2	903/95	8.4	0.07
15002806	MX14- 1219*610-10/22	1219 x 610 x 90	H14	27	1205/95	11.2	0.09
15002807	MX14- 1524*610-10/22	1524 x 610 x 90	H14	33.2	1506/95	14	0.12
15002808	MX14- 914*762-10/22	914 x 762 x 90	H14	25.2	1128/95	10.5	0.09
15002809	MX14- 1219*762-10/22	1219 x 762 x 90	H14	33.4	1505/95	14	0.12
15002810	MX14- 1524*762-10/22	1524 x 762 x 90	H14	42.2	1881/95	17.5	0.14
15002811	MX14- 914*914-10/22	914 x 914 x 90	H14	30	1353/95	12.6	0.1
15003001	MX15- 305*305-10/22	305 x 305 x 90	U15	3.7	151/115	1.4	0.01
15003002	MX15- 305*610-10/22	305 x 610 x 90	U15	7.5	301/115	2.8	0.02
15003003	MX15- 610*610-10/22	610 x 610 x 90	U15	15.2	603/115	5.6	0.04
15003004	MX15- 762*610-10/22	762 x 610 x 90	U15	19	753/115	7	0.06
15003005	MX15- 914*610-10/22	914 x 610 x 90	U15	23.1	903/115	8.4	0.07
15003006	MX15- 1219*610-10/22	1219 x 610 x 90	U15	30.5	1205/115	11.2	0.09
15003007	MX15- 1524*610-10/22	1524 x 610 x 90	U15	38.1	1506/115	14	0.12
15003008	MX15- 914*762-10/22	914 x 762 x 90	U15	28.6	1128/115	10.5	0.09
15003009	MX15- 1219*762-10/22	1219 x 762 x 90	U15	38.2	1505/110	14	0.12
15003010	MX15- 1524*762-10/22	1524 x 762 x 90	U15	48.4	1881/110	17.5	0.14
15003011	MX15- 914*914-10/22	914 x 914 x 90	U15	34.4	1353/110	12.6	0.1

* Other sizes are available on request.

Megalam MG - H14 to U15



Advantages

- Low pressure drop
- Double faceguard
- Longer operating life
- Individually tested according to EN 1822
- Laminarity better +/-20%

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

Type: High efficiency filter panel for mechanical clamping systems.

Frame: Extruded and anodised aluminium.

Gasket: Polyurethane endless at inlet.

Media: Glass fibre paper.

Separator: Hot-melt beads.

Sealant: Polyurethane.

Faceguard: Expanded metal on both side, powder coated RAL 9016.

EN 1822:2009 filter class: H14, U15.

MPPS efficiency: H14: $\geq 99.995\%$, U15: $\geq 99.9995\%$.

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.

Test: 100% individually tested according to EN 1822.

Mounting system: Mechanical clamping structure, Terminal housing.

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

Reference	Model	Dimensions (WxHxD) mm	Filter classification EN 1822:2009	Media area m ²	Air flow / pressure drop m ³ /hr/Pa	Unit weight kg	Unit volume m ³
15003401	MG14- 305*305-10/22	305 x 305 x 110	H14	4.2	151/65	1.7	0.02
15003402	MG14- 305*610-10/22	305 x 610 x 110	H14	8.7	301/65	2.9	0.03
15003403	MG14- 610*610-10/22	610 x 610 x 110	H14	17.5	603/65	5.3	0.06
15003404	MG14- 762*610-10/22	762 x 610 x 110	H14	22.2	753/60	6.5	0.07
15003405	MG14- 914*610-10/22	914 x 610 x 110	H14	26.3	903/60	7.7	0.09
15003406	MG14- 1219*610-10/22	1219 x 610 x 110	H14	35.2	1205/60	10	0.14
15003407	MG14- 1524*610-10/22	1524 x 610 x 110	H14	44	1506/60	12.4	0.14
15003408	MG14- 914*762-10/22	914 x 762 x 110	H14	33.4	1128/60	9.4	0.11
15003409	MG14- 1219*762-10/22	1219 x 762 x 110	H14	44.2	1505/60	12.4	0.14
15003410	MG14- 1524*762-10/22	1524 x 762 x 110	H14	55.2	1881/60	15.4	0.14
15003411	MG14- 914*914-10/22	914 x 914 x 110	H14	40.1	1353/60	11.2	0.13
15003601	MG15- 305*305-10/22	305 x 305 x 110	U15	4.6	151/80	1.7	0.02
15003602	MG15- 305*610-10/22	305 x 610 x 110	U15	9.3	301/80	2.9	0.03
15003603	MG15- 610*610-10/22	610 x 610 x 110	U15	19	603/80	5.3	0.06
15003604	MG15- 762*610-10/22	762 x 610 x 110	U15	23.5	753/80	6.5	0.07
15003605	MG15- 914*610-10/22	914 x 610 x 110	U15	28.2	903/80	7.7	0.09
15003606	MG15- 1219*610-10/22	1219 x 610 x 110	U15	38.4	1205/80	10	0.11
15003607	MG15- 1524*610-10/22	1524 x 610 x 110	U15	48	1506/80	12.4	0.14
15003608	MG15- 914*762-10/22	914 x 762 x 110	U15	35.4	1128/80	9.4	0.11
15003609	MG15- 1219*762-10/22	1219 x 762 x 110	U15	48	1505/80	12.4	0.14
15003610	MG15- 1524*762-10/22	1524 x 762 x 110	U15	60	1881/80	15.4	0.14
15003611	MG15- 914*914-10/22	914 x 914 x 110	U15	43	1353/80	11.2	0.13

* Other sizes are available on request.