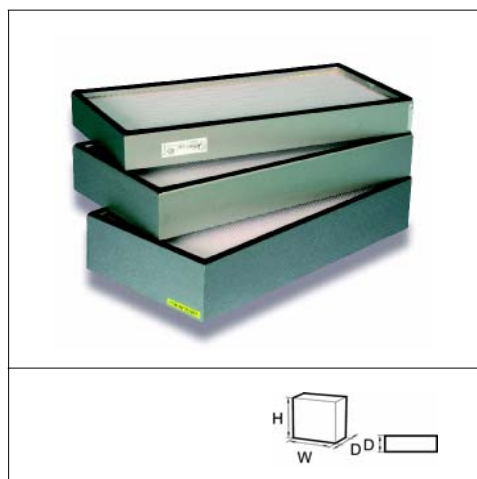


## Megalam MG



### Advantages

- Low pressure drop
- Double 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 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 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 Class 2, FM 4920 approval on request.

Reference	Type	Model	Dimensions (WxHxD) mm	Filter classification EN 1822:2009	Media area m <sup>2</sup>	Air flow / pressure drop m <sup>3</sup> /hr/Pa	Unit weight kg	Unit volume m <sup>3</sup>
15003401	Megalam	MG14-305*305-10/22	305 x 305 x 110	H14	4.2	151/66	1.7	0.02
15003402	Megalam	MG14-305*610-10/22	305 x 610 x 110	H14	8.7	301/65	2.9	0.03
15003403	Megalam	MG14-610*610-10/22	610 x 610 x 110	H14	17.5	603/65	5.3	0.06
15003404	Megalam	MG14-762*610-10/22	762 x 610 x 110	H14	22.2	753/64	6.5	0.07
15003405	Megalam	MG14-914*610-10/22	914 x 610 x 110	H14	26.3	903/64	7.7	0.09
15003406	Megalam	MG14-1219*610-10/22	1219 x 610 x 110	H14	35.2	1205/64	10	0.14
15003407	Megalam	MG14-1524*610-10/22	1524 x 610 x 110	H14	44	1506/64	12.4	0.14
15003408	Megalam	MG14-914*762-10/22	914 x 762 x 110	H14	33.4	1128/64	9.4	0.11
15003409	Megalam	MG14-1219*762-10/22	1219 x 762 x 110	H14	44.2	1505/64	12.4	0.14
15003410	Megalam	MG14-1524*762-10/22	1524 x 762 x 110	H14	55.2	1881/64	15.4	0.14
15003411	Megalam	MG14-914*914-10/22	914 x 914 x 110	H14	40.1	1353/64	11.2	0.13
15003601	Megalam	MG15-305*305-10/22	305 x 305 x 110	U15	4.6	151/83	1.7	0.02

\* Other sizes are available on request.

## HEPA/ULPA Panels

Reference	Type	Model	Dimensions (WxHxD) mm	Filter classification EN 1822:2009	Media area m <sup>2</sup>	Air flow / pressure drop m <sup>3</sup> /hr/Pa	Unit weight kg	Unit volume m <sup>3</sup>
15003602	Megalam	MG15-305*610-10/22	305 x 610 x 110	U15	9.3	301/81	2.9	0.03
15003603	Megalam	MG15-610*610-10/22	610 x 610 x 110	U15	19	603/81	5.3	0.06
15003604	Megalam	MG15-762*610-10/22	762 x 610 x 110	U15	23.5	753/80	6.5	0.07
15003605	Megalam	MG15-914*610-10/22	914 x 610 x 110	U15	28.2	903/80	7.7	0.09
15003606	Megalam	MG15-1219*610-10/22	1219 x 610 x 110	U15	38.4	1205/80	10	0.11
15003607	Megalam	MG15-1524*610-10/22	1524 x 610 x 110	U15	48	1506/80	12.4	0.14
15003608	Megalam	MG15-914*762-10/22	914 x 762 x 110	U15	35.4	1128/80	9.4	0.11
15003609	Megalam	MG15-1219*762-10/22	1219 x 762 x 110	U15	48	1505/80	12.4	0.14
15003610	Megalam	MG15-1524*762-10/22	1524 x 762 x 110	U15	60	1881/80	15.4	0.14
15003611	Megalam	MG15-914*914-10/22	914 x 914 x 110	U15	43	1353/80	11.2	0.13

\* Other sizes are available on request.