

Megalam MX



Advantages

- Low pressure drop
- Higher flow rate
- 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 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 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	Media area m ²	Air flow / pressure drop m ³ /hr/Pa	Unit weight kg	Unit volume m ³
15002801	Megalam	MX14-305*305-10/22	305 x 305 x 90	H14	3.2	151/99	1.4	0.01
15002802	Megalam	MX14-305*610-10/22	305 x 610 x 90	H14	6.6	301/96	2.8	0.02
15002803	Megalam	MX14-610*610-10/22	610 x 610 x 90	H14	13.2	603/96	5.6	0.04
15002804	Megalam	MX14-762*610-10/22	762 x 610 x 90	H14	16.5	753/95	7	0.05
15002805	Megalam	MX14-914*610-10/22	914 x 610 x 90	H14	20.2	903/95	8.4	0.07
15002806	Megalam	MX14-1219*610-10/22	1219 x 610 x 90	H14	27	1205/95	11.2	0.09
15002807	Megalam	MX14-1524*610-10/22	1524 x 610 x 90	H14	33.2	1506/95	14	0.12
15002808	Megalam	MX14-914*762-10/22	914 x 762 x 90	H14	25.2	1128/95	10.5	0.09
15002809	Megalam	MX14-1219*762-10/22	1219 x 762 x 90	H14	33.4	1505/95	14	0.12
15002810	Megalam	MX14-1524*762-10/22	1524 x 762 x 90	H14	42.2	1881/95	17.5	0.14
15002811	Megalam	MX14-914*914-10/22	914 x 914 x 90	H14	30	1353/95	12.6	0.1
15003001	Megalam	MX15-305*305-10/22	305 x 305 x 90	U15	3.7	151/119	1.4	0.01

* Other sizes are available on request.

HEPA/ULPA Panels

Reference	Type	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
15003002	Megalam	MX15-305*610-10/22	305 x 610 x 90	U15	7.5	301/116	2.8	0.02
15003003	Megalam	MX15-610*610-10/22	610 x 610 x 90	U15	15.2	603/115	5.6	0.04
15003004	Megalam	MX15-762*610-10/22	762 x 610 x 90	U15	19	753/115	7	0.06
15003005	Megalam	MX15-914*610-10/22	914 x 610 x 90	U15	23.1	903/115	8.4	0.07
15003006	Megalam	MX15-1219*610-10/22	1219 x 610 x 90	U15	30.5	1205/115	11.2	0.09
15003007	Megalam	MX15-1524*610-10/22	1524 x 610 x 90	U15	38.1	1506/115	14	0.12
15003008	Megalam	MX15-914*762-10/22	914 x 762 x 90	U15	28.6	1128/115	10.5	0.09
15003009	Megalam	MX15-1219*762-10/22	1219 x 762 x 90	U15	38.2	1505/114	14	0.12
15003010	Megalam	MX15-1524*762-10/22	1524 x 762 x 90	U15	48.4	1881/114	17.5	0.14
15003011	Megalam	MX15-914*914-10/22	914 x 914 x 90	U15	34.4	1353/114	12.6	0.1

* Other sizes are available on request.