

Disposable Panel Air Filters Mikro-Mat Filters



DESIGNED BY KASSETTA VALAN

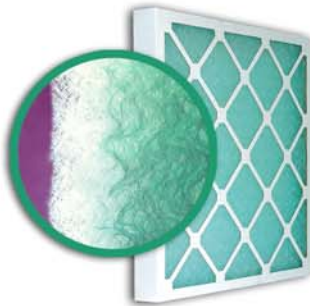




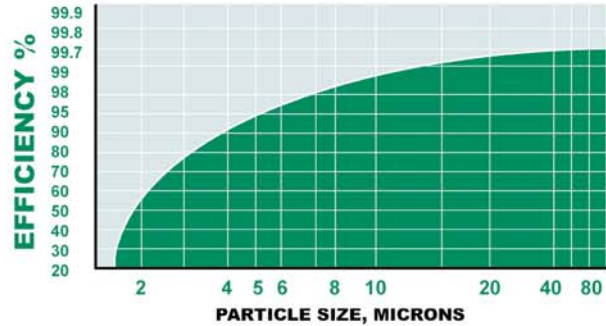
THE MIKRO-MAT FILTERS

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model MPM	width (mm)	height (mm)	depth (mm)	air flow capacity (m ³ /hr)	EN779 class	arrestance (%)	resistance (pa)	media area (m ²)
2000-01	289	595	20	1700	G2	65 ≤ x ≤ 80	25	0,17
2000-02	495	595	20	2500	G2	65 ≤ x ≤ 80	25	0,29
2000-03	595	595	20	3400	G2	65 ≤ x ≤ 80	25	0,35
2000-04	495	495	20	2400	G2	65 ≤ x ≤ 80	25	0,25
2000-05	242	495	20	1200	G2	65 ≤ x ≤ 80	25	0,12
2000-06	395	495	20	1850	G2	65 ≤ x ≤ 80	25	0,20
2000-07	395	624	20	2400	G2	65 ≤ x ≤ 80	25	0,25
2000-08	495	624	20	3000	G2	65 ≤ x ≤ 80	25	0,31
5000-01	289	595	45	1700	G3	80 ≤ x ≤ 90	45	0,17
5000-02	495	595	45	2500	G3	80 ≤ x ≤ 90	45	0,29
5000-03	595	595	45	3400	G3	80 ≤ x ≤ 90	45	0,35
5000-04	495	495	45	2400	G3	80 ≤ x ≤ 90	45	0,25
5000-05	242	495	45	1200	G3	80 ≤ x ≤ 90	45	0,12
5000-06	395	495	45	1850	G3	80 ≤ x ≤ 90	45	0,20
5000-07	395	624	45	2400	G3	80 ≤ x ≤ 90	45	0,25
5000-08	495	624	45	3000	G3	80 ≤ x ≤ 90	45	0,31
9000-01	289	595	95	2150	G4	90 ≤ x ≤ 90	45	0,17
9000-02	495	595	95	3400	G4	90 ≤ x ≤ 90	75	0,29
9000-03	595	595	95	4250	G4	90 ≤ x ≤ 90	75	0,35
9000-04	495	495	95	3000	G4	90 ≤ x ≤ 90	75	0,25
9000-06	395	495	95	2400	G4	90 ≤ x ≤ 90	75	0,20
9000-07	395	624	95	3000	G4	90 ≤ x ≤ 90	75	0,25
9000-08	495	624	95	3750	G4	90 ≤ x ≤ 90	75	0,31
9000-09	442	595	95	3150	G4	90 ≤ x ≤ 90	75	0,26
9000-10	624	725	95	5100	G4	90 ≤ x ≤ 90	75	0,45



MPM SERIES PARTICLE SIZE EFFICIENCY



MPM SERIES PERFORMANCE DATA

depth inch (nominal)	depth mm (actual)	class eurovent 4/5	class en 779	average arrestance	final resistance pa
1"	20	EU2	G2	65 ≤ x ≤ 80	150
2"	45	EU3	G3	80 ≤ x ≤ 90	150
4"	95	EU4	G4	90% ≤	250

The Mikro-Mat fiber glass mat media is formed in a graded density pattern, growing progressively from the air intake side to the air leaving side, allowing dirt to build up by particle size, to ensure maximum filter life. The media design eliminates surface loading problem. The Mikro-Mat media is advantageous in filtering air that contains comparably larger particles spread through the environment.

Construction:

The enclosure frame is made of two die-cut pieces of heavy duty board bonded together to form a double wall. For both media, the frames can also be constructed from other types of materials (galvanised steel, stainless steel, aluminum, etc) the dimensions of which can be customer specified.

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