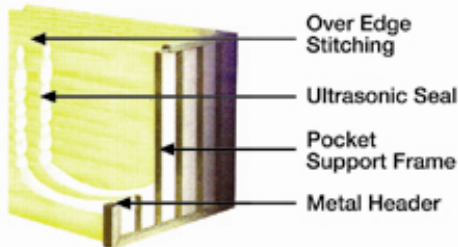


M-PACK POCKET FILTERS



Over Edge
Stitching

Ultrasonic Seal

Pocket
Support Frame

Metal Header

ADVANTAGES

- Rigid metal frame made of galvanized steel
- High dust-holding capacity, low initial resistance
- High performance synthetic fiber
- Pockets are ultra sonic sealed
- Average Dust Spot Efficiency: 40-55%, 60-65%, 80-85%, 90-95%
- EN779 Classification: F5, F6, F7, F8

Applications for: pharmaceutical, automotive, semi-conductor, cleanroom system, general industry and commercial buildings HVAC system.

M-PACK POCKET FILTERS

M-PACK is designed by roll-form GI steel frame. The pockets are assembled into the frame by mouth ring to form a system to prevent pocket drop off during transportation and operation.

M-PACK filter media is using high quality synthetic fiber. The filter media consists of four different layers and using special process to make. Thus provide high holding capacity and low resistance. Needle pinching and melt blown layer will determine the filter efficiency.

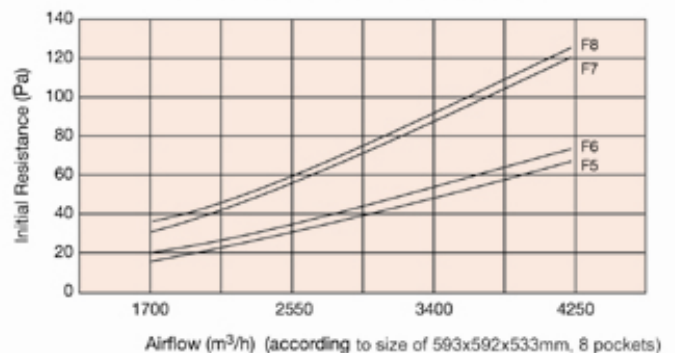
Each pocket is ultra sonically sealed to prevent leakage during operation. Mouth ring is to ensure the pocket can handle air flow constantly and enhance utilization area. This can help to increase dust holding capacity and reduce resistance.



CONSTRUCTIONS

Maximum Operating Temperature	60°C (150°F)
Holding Frame	Roll formed G.I
Holding Frame Depth	21mm
Mouth Ring	GI
Media	Meltblow synthetic fiber
Rated Air Flow	2.50m/s
Recommended Final Pressure Drop	1.0" W.G./250Pa
Corner Cap	Aluminium

Initial Resistance vs Rated Capacity



M-PACK POCKET FILTER

NOMINAL (inch) W x H x D	ACTUAL SIZE (mm) W x H x D	POCKET	MEDIA AREA	RATED AIRFLOW	RATED INITIAL RESISTANCE ¹ (in.w.g)				RATED INITIAL RESISTANCE (Pa)			
					EFFICIENCY				EFFICIENCY			
					F8	F7	F6	F5	F8	F7	F6	F5
24 x 24 x 36	592 x 592 x 914	8	8.7	3400	0.224	0.212	0.132	0.120	56	53	33	30
12 x 24 x 36	287 x 592 x 914	4	4.4	1700	0.228	0.216	0.140	0.128	57	54	35	32
24 x 24 x 30	592 x 592 x 762	8	7.3	3400	0.268	0.256	0.156	0.144	67	64	39	36
12 x 24 x 30	287 x 592 x 762	4	3.6	1700	0.272	0.264	0.160	0.148	68	66	40	37
24 x 24 x 21	592 x 592 x 533	8	5.1	3400	0.368	0.353	0.212	0.196	92	88	49	43
12 x 24 x 21	287 x 592 x 533	4	2.6	1700	0.376	0.356	0.216	0.200	94	89	54	50
24 x 24 x 21	592 x 592 x 533	6	3.8	3400	0.496	0.476	0.288	0.264	124	119	72	66
12 x 24 x 21	287 x 592 x 533	3	1.9	1700	0.504	0.480	0.296	0.268	126	120	74	67
24 x 24 x 15	592 x 592 x 381	6	2.7	3400	0.535	0.496	0.315	0.236	136	126	80	60
12 x 24 x 15	287 x 592 x 381	3	1.35	1700	0.551	0.512	0.323	0.241	140	130	82	61
20 x 20 x 21	490 x 490 x 533	5	2.6	2250	0.492	0.460	0.280	0.260	123	115	70	65
20 x 20 x 15	490 x 490 x 381	5	1.9	2250	0.591	0.520	0.354	0.256	150	132	90	65
20 x 24 x 21	490 x 592 x 533	6	3.7	2700	0.396	0.380	0.228	0.216	99	95	57	54
20 x 24 x 15	490 x 592 x 381	6	2.7	2700	0.552	0.532	0.320	0.300	138	133	80	75
24 x 20 x 21	592 x 490 x 533	8	4.2	2700	0.360	0.344	0.212	0.192	90	86	53	48
24 x 24 x 15	592 x 592 x 381	8	3.0	2700	0.500	0.480	0.292	0.268	125	120	73	67

* Note :

1. 1 mm w.g is approximate 10 Pa
2. 1 CFM is approximate 1.6992 CMH



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