

# M-WASH WASHABLE PANEL FILTER



## ADVANTAGES

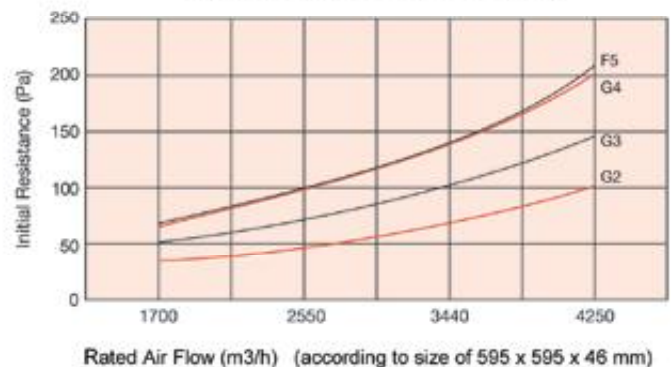
- Easy to assemble frame
- High dust-holding capacity
- Washable media
- Average Arrestance Efficiency (ASHRAE 52.1-92): 65-80%,
- EN779 Classification: G2, G3, G4, F5
- Average Dust Spot Efficiency: <20%, 20-25%, 25-30%, 40-55%

M-Wash are designed with portable aluminium frame, high performance polyester fiber, low initial resistance, M-Wash is used as a prefilter for industrial and commercial HVAC system in air handling unit (AHU) and other ventilation systems.

## SPECIFICATIONS

Highest Temperature Operating Point	100 °C
Media	Polyester fiber
Media Support	G.I wire rod
Frame	Aluminium
Connecting Angle	Al Angle/ ABS Angle
Thickness	21mm, 23mm, 24mm, 46mm, 96mm

Initial Resistance vs Rated Capacity



## CONSTRUCTIONS

- M-Wash is designed with handy and reliable aluminium frame.
- M-Wash is constructed from pleated high performance polyester fiber, wire rod backed to provide maximum support and reduced the quiver of pleated media. This allow air passes freely with dust absorbed in the media.
- M-Wash is available in standard sizes and special size upon request.

## TYPE AND TECHNICAL DATA

EFFICIENCY	NOMINAL SIZE (inch)	ACTUAL SIZE (mm)	RATED AIR FLOW m <sup>3</sup> /h	INITIAL RESISTANCE (Pa) vs RATED AIR FLOW (m <sup>3</sup> /h)		
				70%	100%	120%
G2	12 x 24 x 2	290 x 595 x 46	1700	44	69	96
G2	24 x 24 x 2	595 x 595 x 46	3400	45	71	96
G2	12 x 24 x 4	290 x 595 x 96	1700	48	94	123
G2	24 x 24 x 4	595 x 595 x 96	3400	50	97	125
G3	12 x 24 x 1	290 x 595 x 23	1700	65	100	134
G3	24 x 24 x 1	595 x 595 x 23	3400	65	100	134
G3	12 x 24 x 2	290 x 595 x 46	1700	69	102	136
G3	24 x 24 x 2	595 x 595 x 46	3400	61	104	138
G3	12 x 24 x 4	290 x 595 x 96	1700	59	117	147
G3	24 x 24 x 4	595 x 595 x 96	3400	61	119	148
G4	12 x 24 x 1	290 x 595 x 23	1700	76	108	145
G4	24 x 24 x 1	595 x 595 x 23	3400	76	108	145
G4	12 x 24 x 2	290 x 595 x 46	1700	98	140	202
G4	24 x 24 x 2	595 x 595 x 46	3400	98	140	202
G4	12 x 24 x 4	290 x 595 x 96	1700	61	122	157
G4	24 x 24 x 4	595 x 595 x 96	3400	63	125	159
F5	12 x 24 x 1	290 x 595 x 23	1700	76	152	181
F5	24 x 24 x 1	595 x 595 x 23	3400	76	155	183
F5	12 x 24 x 2	290 x 595 x 46	1700	98	139	210
F5	24 x 24 x 2	595 x 595 x 46	3400	98	141	210
F5	12 x 24 x 4	290 x 595 x 96	1700	74	147	181
F5	24 x 24 x 4	595 x 595 x 96	3400	75	149	182

**\* Note :**

1. Recommended final resistance is 250 Pa
2. 1 mm w.g is approximate 10 Pa
3. 1 CFM is approximate 1.6992 CMH
4. M-Wash complies to average arrestance efficiency of EN779 test method, ASHRAE 52.1-92 and average dust spot efficiency of ASHRAE 52.1-92 test method.



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