



- Re-fillable—Reusable
- ‘V’-shaped extended surface for lower pressure drop
- Assemble in banks to suit application
- Fill with any Multi-Mix media

## Description

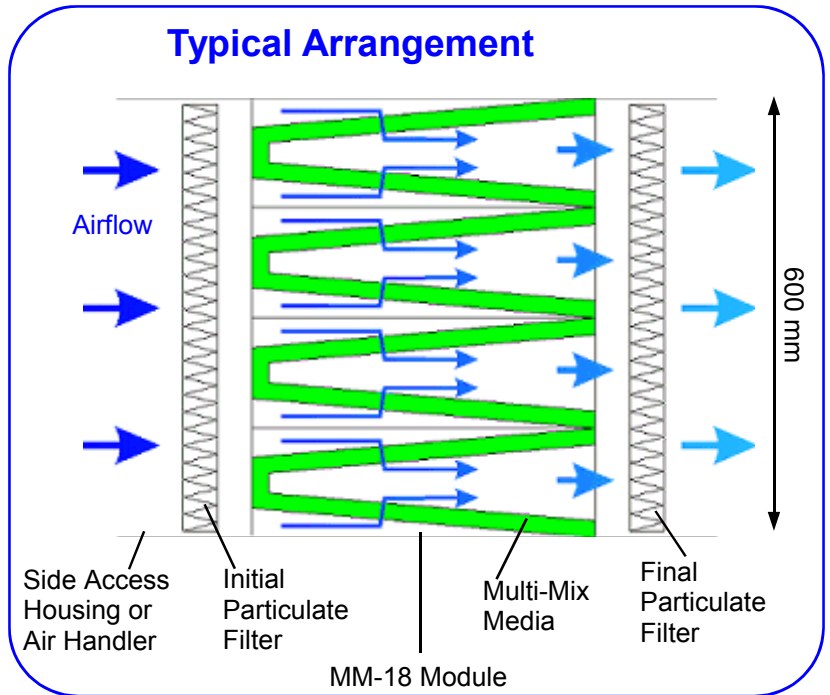
**PAPWORTH ENGINEERING** MM Media Modules are perforated metal containers, engineered to provide maximum air contact with the gas-phase media within. They are 'V'-shaped to present an extended surface area to the airflow and thus minimise pressure drop. MM Media Modules are constructed from electro-galvanised steel with a durable powder-coat finish. Stainless steel construction is also available. A quick-release panel runs the full length of the modules for convenient change-out of media.

## Applications

Multiple MM-Media Modules may be fitted to air systems via Side Access Housings, Fan-Filter Modules or Air Handler Units for larger airflow applications. They may be used to remove a variety of contaminant gases in commercial and industrial environments.



## Typical Arrangement



## Multi-Mix Media Selection Guide

	MM1000	MM3000	MM7000	MM9000
VOC (Odour)	•	•		
Formaldehyde	•			
H <sub>2</sub> S	•	•	•	
Acid Gases				•
NH <sub>3</sub>	•	•	•	
NO <sub>2</sub>				•
Ozone	•	•	•	

### MM-12

Nominal Size: 300×300×600mm

Bed depth: 75mm

Media volume: 1ft<sup>3</sup> = 0.0283m<sup>3</sup>

Face Velocity (m/s)	Dwell Time (sec)	Pressure Drop* (Pa)	
		MM-1000	MM-other
0.25	0.63	25	25
0.51	0.31	25	25
0.76	0.21	25	75
1.02	0.15	50	100
1.27	0.12	75	149
1.52	0.10	100	199
1.78	0.09	125	249
2.03	0.08	149	299
2.29	0.07	174	374
2.54	0.06	224	423

\*Approx

### MM-18

Nominal Size: 450×150×600mm

Bed depth: 25mm

Media volume: 0.6ft<sup>3</sup> = 0.017m<sup>3</sup>

Face Velocity (m/s)	Dwell Time (sec)	Pressure Drop* (Pa)	
		MM-1000	MM-other
0.51	0.37	25	25
0.76	0.25	25	25
1.02	0.19	25	50
1.27	0.15	25	50
1.52	0.12	50	75
1.78	0.11	50	75
2.03	0.09	75	100
2.29	0.08	75	125
2.54	0.07	100	149

\*Approx



Related Products:

Circul-aire Gas Adsorption

**PAPWORTH ENGINEERING** Gas-phase filtration

Data Sheets:

E54154

E54140

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