

## Semi-High Efficiency Mini-Pleated Air Filter with Separator

# M-SHI



### Applications



Cleanroom



General



Commercial Building



Industrial

### Product Features

#### Operating Conditions

Continuous operating temperature: Max. 80°C  
Operating relative humidity: ≤100 (%RH)



#### Frame

Material: Galvanised steel / aluminium / stainless steel / plywood  
Thickness: 80mm, 150mm, 220mm, 292mm  
Header: Non-header / single header / double header (thickness: 20mm)



#### Media

Material: Fiberglass



#### Efficiency (EN1822:2009)

E10, E11, E12



#### Sealant

Material: Polyurethane glue

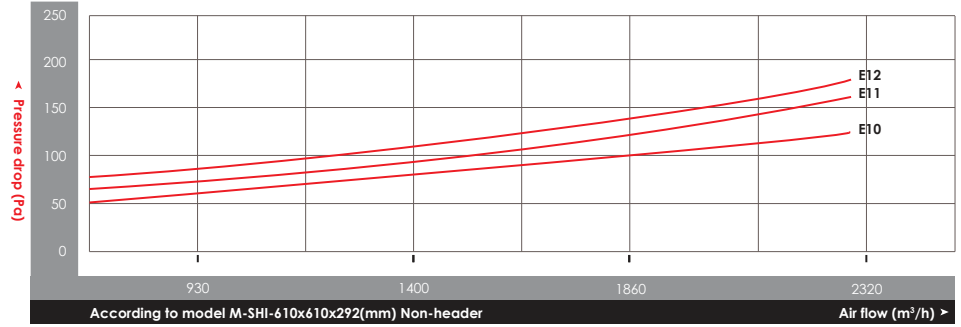


#### Separator

Material: Corrugated aluminium foil / paper



### Graph Of Initial Pressure Drop Versus Air Flow



### Product Specifications

Nominal Dimension (inch)	Actual Dimension (mm)	Face Velocity (m/s)	Air Flow (m³/h)	Initial Pressure Drop (Pa)		
				E10	E11	E12
12x24x3	305x610x80	0.3	200	100	130	140
24x24x3	610x610x80	0.3	420	100	130	140
12x24x6	305x610x150	0.7	420	100	130	140
24x24x6	610x610x150	0.7	900	100	130	140
12x24x9	305x610x220	1.0	650	100	130	140
24x24x9	610x610x220	1.0	1400	100	130	140
12x24x12	305x610x292	1.4	860	100	130	140
24x24x12	610x610x292	1.4	1860	100	130	140

Remarks: 1. Tolerance of initial pressure drop is ± 10%.  
2. Tolerance of dimension is ± 3mm.  
3. Other dimensions are available upon request.