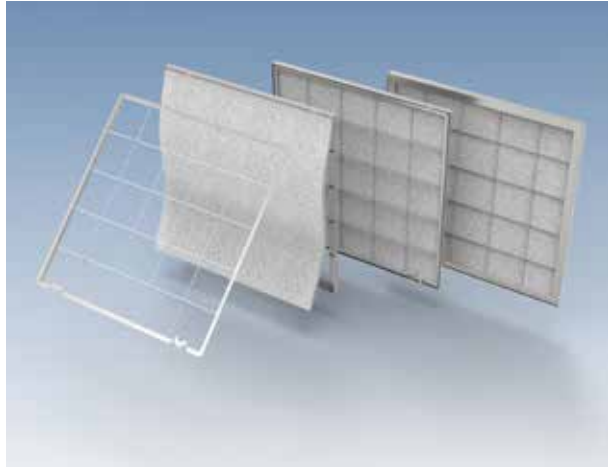


Panel Filter Range



Flat Panel - EM & EMD Series

ISO Coarse 40% - ISO Coarse 75% ISO 16890 / G2 - G4 EN779:2012



Applications

- Primary or secondary stage filters
- Intake filters (especially the EM)
- HVAC for offices, shopping malls
- Dairy factories, hospitals, food processing, factories

Special Features

- Type 304 stainless steel frame components
- Long and efficient service life
- Upgrade filter simply by changing media
- Filter media is fully supported by a strong stainless steel grid both sides
- Versatile - various mounting options possible

All our filter media meets the new more realistic ISO16890 classification standard for filtration, which means that you can help reduce your energy bill by selecting filters with a lower pressure drop.

Construction

The heavy duty stainless steel frame, with easily removed mats in a range of media grades makes the EM and EMD flat panel filter series a perfect filter for those arduous applications requiring servicing and helps reduce costs using washable media mats.

EM and EMD panel filters offer extended service life to a wide variety of ventilation applications which means reduced operating costs.

The EM has a quick release gate and the outer frame is designed to be fixed direct to housings and intakes without the need for an outer holding frame. The EMD frame outers are a fixed 2 piece panel which is designed to fit into standard holding frames.

Performance Data

| Media | Nominal face velocity m/s | Flow Rate l/s - ΔP for given size | | |
|---------|---------------------------|-----------------------------------|----------|---------------|
| | | 595x595 | 595x295 | Final ΔP (Pa) |
| Poly150 | 1.5 | 530 - 20 | 265 - 20 | 250 |
| Poly200 | 1.5 | 530 - 27 | 265 - 27 | 250 |
| Poly300 | 1.5 | 530 - 40 | 265 - 40 | 250 |

Standard Sizes Available

- 610 x 610 x 25
- 610 x 305 x 25

Other custom sizes on request

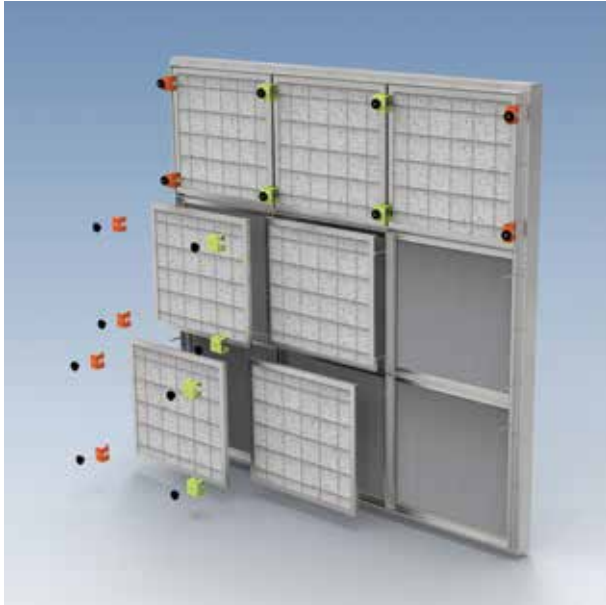
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Panel Filter Range



Flat Panel - EM Series - mounting possibilities



A Windsor Engineering 'design, build and install' pre-filter bank incorporating EMD filters held into stainless steel framing with Windsor's unique 'D clamp' system for a Solar Gas Turbine intake.

'D clamps' come in two configurations -

- Mid clamp (shown in Green)
- Side clamp (shown in Sienna)



Std EM outer frames spot welded together and fastened to building framing with low profile screws to form a filtered intake for a compressor room

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 **Windsor**
Engineering
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