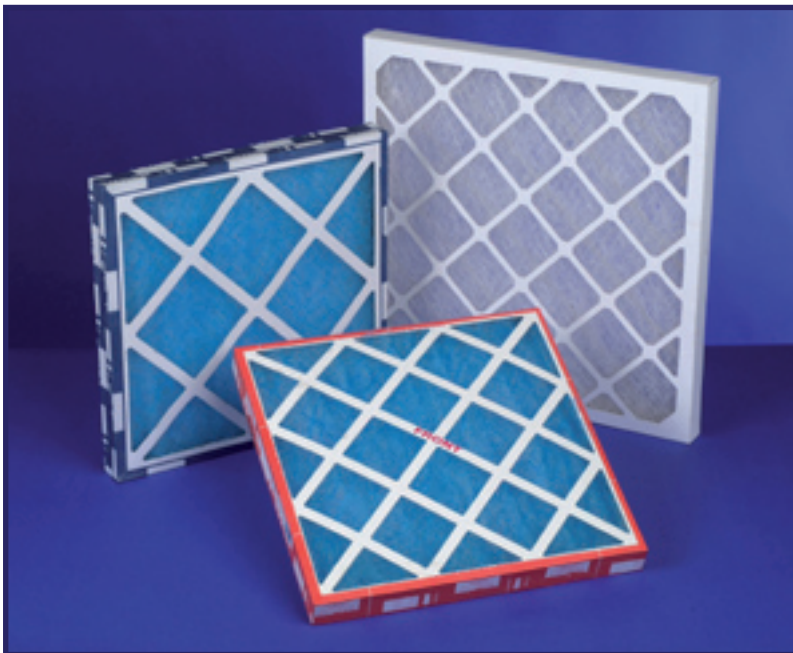


# Glass Panel Filters

*Coarse dust filters for HVAC systems*

- Compact design
- Wide range of size options available
- Suitable as a pre-filter for protecting higher cost secondary filters



## Panel Air Filters:

For use in general heating, ventilating and air conditioning systems where protection is required from larger particle contamination.

Fitted as a pre-filter to protect plant room equipment and duct linings, and to extend the installed life of higher cost secondary filters.

## Construction

Filters are manufactured from heavy duty moisture-resistant chipboard cases which are creased prior to folding to prevent moisture ingress. Filters can be supplied with scrim backing if required.

## Installation

The filters are designed to locate into front withdrawal, side access or rear mounted holding frames. If required, frames with all clips, gasketing, sealant and support rods can be supplied. Alternatively, frame banks can be supplied in modules.

## IF1 Panel

IF1 panel filters are manufactured from a spun glass fibre filter media with a grade G3 efficiency, which is inserted into a card frame. Designed to combine high air flow rates with low clean pressure drops.

## VG2 Panel

A pad of graduated density Veeglass media, impregnated with a viscous agent and retained in a rigid cardboard frame.

## VG3 Panel

Similar to VG2 panels but employing a pad of three-stage Veeglass media

Direction of air flow:- Panels must be installed with the air flow in the direction indicated by the arrow on the panel side..

## Performance Chart

| Product | Depth mm. | Vel m/s Rating | Clean Pressure Drop | EN 779 | Avg. Arr | Dust Holding @250 Pa, g/m <sup>2</sup> |
|---------|-----------|----------------|---------------------|--------|----------|--|
| IF1     | 22        | 1.85           | 38                  | G3     | 83%      | 270                                    |
| IF1     | 47        | 1.85           | 40                  | G3     | 83%      | 500                                    |
| VG2     | 22        | 1.85           | 25                  | G3     | 82%      | 480                                    |
| VG2     | 47        | 1.85           | 35                  | G3     | 82%      | 834                                    |
| VG3     | 47        | 1.85           | 50                  | G3     | 84%      | 534                                    |

Maximum recommended final pressure: 250 Pascals

## SPX Air Filtration

[www.spxairfiltration.com](http://www.spxairfiltration.com)

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In view of continuous research and development we reserve the right to modify specifications and dimensions without prior notice. For quoted standards, the issue valid at the print date of this leaflet is relevant.