

GLASS PANEL FILTERS G3

Glass Air Filters have been designed for use with Air Handling plant, either on its own or as a pre-filter for more sophisticated filtration systems. The panel provides the economic answer for the specifier when initial and replacement costs are of prime importance. Filter performance to G3

Glass Panels

Glass is a 100% continuous glass filament, developed specially for air filtration. Glass will not absorb moisture, has excellent water stripping properties and is fire resistant.

Electronic programming techniques produce a controlled media pattern which has an open structure on the upstream face and which graduates in density to the integral laminate backing on the downstream side. This gives two stage filtration. The open structure of the face discourages surface loading and promotes filtration in depth to ensure high dust holding capacity with minimum resistance to air flow. The denser backing provides fine filtration and prevents carry over of media fibres and collected dirt.

Frame Construction

Manufactured from heavy duty moisture resistant card with supporting card lattice on both faces. Standard frames are either 47mm thick or 23mm thick. Non standard sizes are available to order.

STANDARD PANEL SIZES

Nominal size h x w	Actual Size h x w	Air Flow cfm
10 x 10	250 x 250	250
10 x 20	250 x 495	500
12 x 12	296 x 296	350
12 x 24	295 x 594	650
15 x 15	377 x 377	520
15 x 20	368 x 495	700
16 x 20	495 x 395	750
16 x 25	395 x 623	900
18 x 18	445 x 445	750
20 x 20	492 x 492	900
20 x 25	495 x 622	1150
24 x 24	594 x 594	1300

Air flow resistance

23mm thick	25 Pa clean	160 Pa final
47mm thick	37 Pa clean	175 Pa final

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