

DISPOSABLE GLASS FIBRE AIR FILTERS Grade G2 to EN779:2012

Applications

The disposable glass fibre panel air filter is widely used in ventilation and air conditioning systems. Although this cardboard framed panel air filter is inexpensive it offers a medium to low efficiency grade of filtration, and can be used as a main filter. Alternatively the glass fibre panel is suitable for use as a pre-filter to extend the life of secondary high efficiency panel or bag air filters.

Description

Glass Fibre Panel Air Filters consist of a coated graduated continuously spun glass filament in a pad form. The fibre glass pad is then retained within either a rigid cardboard filter casing, or a cardboard frame with perforated cap-punch grids. Air Filter stiffening bars can be provided if required.

Our method of manufacture for this style of panel air filter utilises modern hot melt adhesive techniques, which produce an extremely rigid and robust product.

Technical

Max Face Velocity: 2.25 m/s
 Max Operating Temp: 100 C
 Dust Holding Capacity 800 g/m²
 Nominal to Actual Size 6mm less on H & W, 3mm on Depth



STANDARD GLASS FIBRE PANEL FILTER SIZES

Size		Flow Rate m ³ /s	Part Numbers			
OT Inches	Actual mm		1" (22mm)		2" (47mm)	
			Lattice	Cap Scrap	Lattice	Cap Scrap
10 x 10	242 x 242	0.13	1110101	1114101	1110201	1114201
12 x 12	289 x 289	0.19	1110102	1114102	1110202	1114202
15 x 15	369 x 369	0.31	1110103	1114103	1110203	1114203
18 x 18	445 x 445	0.44	1110104	1114104	1110204	1114204
20 x 10	495 x 242	0.27	1110106	1114106	1110206	1114206
20 x 16	495 x 394	0.43	1110108	1114108	1110208	1114208
20 x 20	495 x 495	0.55	1110110	1114110	1110210	1114210
25 x 16	620 x 394	0.55	1110111	1114111	1110211	1114211
25 x 20	620 x 495	0.69	1110112	1114112	1110212	1114212
24 x 12	594 x 289	0.39	1110113	1114113	1110213	1114213
24 x 20	594 x 495	0.66	1110114	1114114	1110214	1114214
24 x 24	594 x 594	0.79	1110115	1114115	1110215	1114215

Notes

- * Clean Pressure Drops 1"- 66Pa, 2"- 75Pa based on a Face Velocity of 2.25 m/s
- * Actual sized filters will be manufactured as ordered. +/-3mm
- * Max Size: 625H x 900W

Holding Frames and Cases

Holding frames and casings for Disposable Glass Panels are available singularly or in multiples, and can be manufactured to suit non-standard sizes and special applications.

See Catalogue Section 8 (code AC8) for full information.



Front Withdrawal Frame
(1810)



MEZ Flanged Side Access
Housing (1820)



Duct Mounted Filter Housing
(1825)



Fully Welded Side Withdrawal
Filter Housing (1840)