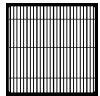


Nanoclass Square Pro

FL HT

Product Range



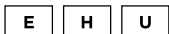
Features



Applications



Filter Class



KEY FACTS

- High efficiency across all filter classes
- Available in filter classes E11 to U16
- High temperature resistance up to 120 °C
- Available in depths of 75 and 95 mm
- Mini-pleat technology for laminar flow
- Low pressure drop
- Guaranteed leak free

DESIGN

Filter medium constructed from various grades of microglass fiber paper folded into a pack. Continuous thread separators coated with adhesive support the pleats. As standard, the pack is sealed into an anodized aluminum frame.

APPLICATIONS

Final filter for clean rooms and clean workbenches. For separation of viruses, bacteria, toxic dust and aerosols, in hospitals/medical institutes, chemists, laboratories, clean rooms, pharmacy, food processing industry, microelectronics.

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PERFORMANCE DATA

Filter Class	Dimensions	Flow Rate	Pressure Drop
EN 1822	mm	m ³ /h	Pa
H13	305 x 610 x 75	300	90
H13	457 x 457 x 75	350	90
H13	457 x 610 x 75	450	90
H13	610 x 610 x 75	600	90
H13	610 x 762 x 75	750	90
H13	610 x 915 x 75	900	90
H13	610 x 1220 x 75	1200	90
H13	762 x 1220 x 75	1500	90
H13	1220 x 1220 x 75	2400	90
H13	305 x 610 x 95	300	90
H13	457 x 457 x 95	350	90
H13	457 x 610 x 95	450	90
H13	610 x 610 x 95	600	90
H13	610 x 762 x 95	750	90
H13	610 x 915 x 95	900	90
H13	610 x 1220 x 95	1200	90
H13	762 x 1220 x 95	1500	90
H13	1220 x 1220 x 95	2400	90

Filter Class	Dimensions	Flow Rate	Pressure Drop
EN 1822	mm	m ³ /h	Pa
H14	305 x 610 x 75	300	105
H14	457 x 457 x 75	350	105
H14	457 x 610 x 75	450	105
H14	610 x 610 x 75	600	105
H14	610 x 762 x 75	750	105
H14	610 x 915 x 75	900	105
H14	610 x 1220 x 75	1200	105
H14	762 x 1220 x 75	1500	105
H14	1220 x 1220 x 75	2400	105
H14	305 x 610 x 95	300	100
H14	457 x 457 x 95	350	100
H14	457 x 610 x 95	450	100
H14	610 x 610 x 95	600	100
H14	610 x 762 x 95	750	100
H14	610 x 915 x 95	900	100
H14	610 x 1220 x 95	1200	100
H14	762 x 1220 x 95	1130	100
H14	1220 x 1220 x 95	2400	100

SPECIFICATION

Recommended air flow	Flow rate ± 10 %	Recommended final pressure drop	450 Pa (max. 600 Pa)
Heat resistance	Up to 120 °C	Moisture resistance	100 % rel. humidity
Regenerable	No	Incinerable	No

OPTIONS

Gasket	Silicon gasket, 1 or 2 sides
Grid	1 or 2 sides