

Nanoclass Square EF

TC

Product Range



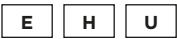
Features



Applications



Filter Class



KEY FACTS

- High efficiency across all filter classes
- Available in filter classes E11 to U16
- Self-healing, fluid gel gasket
- Available in depths of 80, 83, 102, 104 and 128 mm
- Minipleat 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. As standard, the pack is sealed into an anodized aluminum frame with a fluid gel gasket to ensure a perfect seal between the filter assembly and its housing. Grid to front and rear faces.

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 80	300	90
H13	305 x 762 x 80	375	90
H13	305 x 915 x 80	450	90
H13	457 x 610 x 80	450	90
H13	610 x 610 x 80	600	90
H13	610 x 762 x 80	750	90
H13	610 x 915 x 80	900	90
H13	610 x 1220 x 80	1200	90
H13	762 x 1220 x 80	1500	90
H13	305 x 610 x 104	300	85
H13	305 x 762 x 104	375	85
H13	305 x 915 x 104	450	85
H13	457 x 610 x 104	450	85
H13	610 x 610 x 104	600	85
H13	610 x 762 x 104	750	85
H13	610 x 915 x 104	900	85
H13	610 x 1220 x 104	1200	85
H13	762 x 1220 x 104	1500	85

Filter Class	Dimensions	Flow Rate	Pressure Drop
EN 1822	mm	m ³ /h	Pa
H14	305 x 610 x 80	300	100
H14	305 x 762 x 80	375	100
H14	305 x 915 x 80	450	100
H14	457 x 610 x 80	450	100
H14	610 x 610 x 80	600	100
H14	610 x 762 x 80	750	100
H14	610 x 915 x 80	900	100
H14	610 x 1220 x 80	1200	100
H14	762 x 1220 x 80	1500	100
H14	305 x 610 x 104	300	95
H14	305 x 762 x 104	375	95
H14	305 x 915 x 104	450	95
H14	457 x 610 x 104	450	95
H14	610 x 610 x 104	600	95
H14	610 x 762 x 104	750	95
H14	610 x 915 x 104	900	95
H14	610 x 1220 x 104	1200	95
H14	762 x 1220 x 104	1500	95

SPECIFICATION

Recommended air flow	Flow rate ± 10 %	Recommended final pressure drop	450 Pa (max. 600 Pa)
Heat resistance	Up to 70 °C (Peak 90 °C)	Moisture resistance	100 % rel. humidity
Regenerable	No	Incinerable	No

OPTIONS

Gasket	Self-healing fluid gel gasket
Depth*	80, 83, 102, 104 mm

*83 mm technical values are the same as 80 mm,
102 mm technical values are the same as 104 mm