Nanoclass Square Eco FL

Product Range

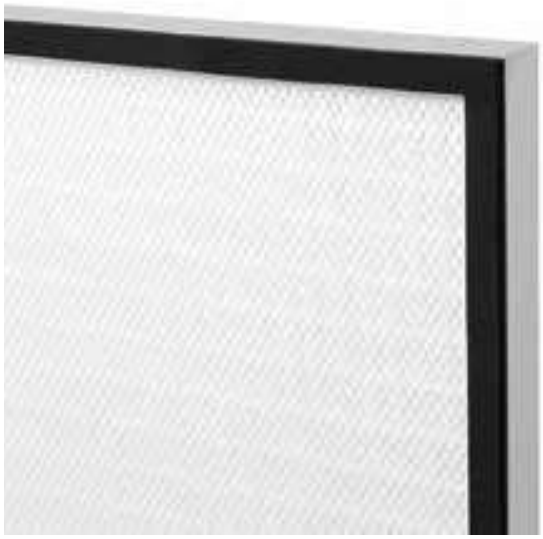
Eco

Features

Applications

Filter Class

H



KEY FACTS

- High efficiency (H13 > 99.95 %, H14 > 99.995 % at MPPS)
- Available in depths of 30, 68, 90 and 150 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.

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.

Nanoclass Square Eco FL

PERFORMANCE DATA

Filter Class	Dimensions	Flow Rate	Pressure Drop
EN 1822	mm	m³/h	Pa
H13	305 x 305 x 30	150	195
H13	305 x 610 x 30	300	195
H13	305 x 762 x 30	375	195
H13	305 x 915 x 30	450	195
H13	457 x 457 x 30	350	195
H13	457 x 610 x 30	450	195
H13	610 x 610 x 30	600	195
H13	610 x 762 x 30	750	195
H13	610 x 915 x 30	900	195
H13	610 x 1220 x 30	1200	195

Filter Class	Dimensions	Flow Rate	Pressure Drop
EN 1822	mm	m³/h	Pa
H14	305 x 305 x 30	150	100
H14	305 x 610 x 30	150	100
H14	305 x 762 x 30	175	100
H14	305 x 915 x 30	200	100
H14	457 x 457 x 30	150	100
H14	457 x 610 x 30	200	100
H14	610 x 610 x 30	280	100
H14	610 x 762 x 30	350	100
H14	610 x 915 x 30	425	100
H14	610 x 1220 x 30	575	100

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	Neoprene flat gasket, 1 or 2 sides
Grid	1 or 2 sides

PRESSURE DROP AT DIFFERENT DEPTHS

Depth	Filter Class	Pressure Drop
mm		Pa
68	H13	110
	H14	120
90	H13	90
	H14	100
150	H13	85
	H14	90