

# Nanoclass Square EF KE

## Product Range



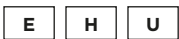
## Features



## Applications



## Filter Class



## KEY FACTS

- High efficiency across all filter classes
- Available in filter classes E11 to U16
- Integral knife-edge for use with gel-seal grid ceiling systems
- Available in depths of 86, 109 and 134 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 integrated knife-edge.

## APPLICATIONS

Final filter for clean rooms and clean workbenches that use gel-seal grid systems. 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 <sup>3</sup> /h	Pa
<b>H13</b>	305 x 305 x 109	150	90
H13	305 x 610 x 109	300	90
H13	305 x 762 x 109	375	90
H13	305 x 915 x 109	450	90
H13	457 x 457 x 109	350	90
H13	457 x 610 x 109	450	90
H13	610 x 610 x 109	600	90
H13	610 x 762 x 109	750	90
H13	610 x 915 x 109	900	90
H13	610 x 1220 x 109	1200	90
H13	762 x 1220 x 109	1500	90
H13	762 x 915 x 109	1130	90
H13	1220 x 1220 x 109	2400	90

Filter Class	Dimensions	Flow Rate	Pressure Drop
EN 1822	mm	m <sup>3</sup> /h	Pa
<b>H14</b>	305 x 305 x 109	150	100
H14	305 x 610 x 109	300	100
H14	305 x 762 x 109	375	100
H14	305 x 915 x 109	450	100
H14	457 x 457 x 109	350	100
H14	457 x 610 x 109	450	100
H14	610 x 610 x 109	600	100
H14	610 x 762 x 109	750	100
H14	610 x 915 x 109	900	100
H14	610 x 1220 x 109	1200	100
H14	762 x 915 x 109	1130	100
H14	762 x 1220 x 109	1500	100
H14	1220 x 1220 x 109	2400	100

## SPECIFICATION

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

## OPTIONS

<b>Gasket</b>	Continuous polyurethane foam or flat neoprene
<b>Grid</b>	1 or 2 sides