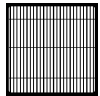


# Nanoclass Square Eco FC

## Product Range



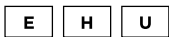
## Features



## Applications



## Filter Class



## KEY FACTS

- High efficiency across all filter classes
- Available in filter classes E11 to U16
- Available in depths of 69, 70, 78, 90, 110, 115 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 with a continuous, one-piece 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.

# Nanoclass Square Eco FC

## PERFORMANCE DATA

Filter Class	Dimensions	Flow Rate	Pressure Drop
EN 1822	mm	m <sup>3</sup> /h	Pa
H13	305 x 305 x <b>69</b>	150	95
H13	305 x 610 x 69	300	95
H13	305 x 762 x 69	375	95
H13	305 x 915 x 69	450	95
H13	457 x 457 x 69	350	95
H13	457 x 610 x 69	450	95
H13	610 x 610 x 69	600	95
H13	610 x 762 x 69	750	95
H13	610 x 915 x 69	900	95
H13	610 x 1220 x 69	1200	95
H13	762 x 915 x 69	1130	95
H13	762 x 1220 x 69	1500	95
H13	1220 x 1220 x 69	2400	95
H13	305 x 305 x <b>78</b>	150	95
H13	305 x 610 x 78	300	95
H13	305 x 762 x 78	375	95
H13	305 x 915 x 78	450	95
H13	457 x 457 x 78	350	95
H13	457 x 610 x 78	450	95
H13	610 x 610 x 78	600	95
H13	610 x 762 x 78	750	95
H13	610 x 915 x 78	900	95
H13	610 x 1220 x 78	1200	95
H13	762 x 915 x 78	1130	95
H13	762 x 1220 x 78	1500	95
H13	1220 x 1220 x 78	2400	95

Filter Class	Dimensions	Flow Rate	Pressure Drop
EN 1822	mm	m <sup>3</sup> /h	Pa
H13	305 x 305 x <b>90</b>	150	90
H13	305 x 610 x 90	300	90
H13	305 x 762 x 90	375	90
H13	305 x 915 x 90	450	90
H13	457 x 457 x 90	350	90
H13	457 x 610 x 90	450	90
H13	610 x 610 x 90	600	90
H13	610 x 762 x 90	750	90
H13	610 x 915 x 90	900	90
H13	610 x 1220 x 90	1200	90
H13	762 x 915 x 90	1130	90
H13	762 x 1220 x 90	1500	90
H13	1220 x 1220 x 90	2400	90
H13	305 x 305 x <b>110</b>	150	90
H13	305 x 610 x 110	300	90
H13	305 x 762 x 110	375	90
H13	305 x 915 x 110	450	90
H13	457 x 457 x 110	350	90
H13	457 x 610 x 110	450	90
H13	610 x 610 x 110	600	90
H13	610 x 762 x 110	750	90
H13	610 x 915 x 110	900	90
H13	610 x 1220 x 110	1200	90
H13	762 x 915 x 110	1130	90
H13	762 x 1220 x 110	1500	90
H13	1220 x 1220 x 110	2400	90

# Nanoclass Square Eco FC

## 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 <b>150</b>	150	85
H13	305 x 610 x 150	300	85
H13	305 x 762 x 150	375	85
H13	305 x 915 x 150	450	85
H13	457 x 457 x 150	350	85
H13	457 x 610 x 150	450	85
H13	610 x 610 x 150	600	85
H13	610 x 762 x 150	750	85
H13	610 x 915 x 150	900	85
H13	610 x 1220 x 150	1200	85
H13	762 x 915 x 150	1130	85
H13	762 x 1220 x 150	1500	85
H13	1220 x 1220 x 150	2400	85
<b>H14</b>	305 x 305 x <b>69</b>	150	105
H14	305 x 610 x 69	300	105
H14	305 x 762 x 69	375	105
H14	305 x 915 x 69	450	105
H14	457 x 457 x 69	350	105
H14	457 x 610 x 69	450	105
H14	610 x 610 x 69	600	105
H14	610 x 762 x 69	750	105
H14	610 x 915 x 69	900	105
H14	610 x 1220 x 69	1200	105
H14	762 x 915 x 69	1130	105
H14	762 x 1220 x 69	1500	105
H14	1220 x 1220 x 69	2400	105

Filter Class	Dimensions	Flow Rate	Pressure Drop
EN 1822	mm	m <sup>3</sup> /h	Pa
<b>H14</b>	305 x 305 x <b>78</b>	150	105
H14	305 x 610 x 78	300	105
H14	305 x 762 x 78	375	105
H14	305 x 915 x 78	450	105
H14	457 x 457 x 78	350	105
H14	457 x 610 x 78	450	105
H14	610 x 610 x 78	600	105
H14	610 x 762 x 78	750	105
H14	610 x 915 x 78	900	105
H14	610 x 1220 x 78	1200	105
H14	762 x 915 x 78	1130	105
H14	762 x 1220 x 78	1500	105
H14	1220 x 1220 x 78	2400	105
<b>H14</b>	305 x 305 x <b>90</b>	150	100
H14	305 x 610 x 90	300	100
H14	305 x 762 x 90	375	100
H14	305 x 915 x 90	450	100
H14	457 x 457 x 90	350	100
H14	457 x 610 x 90	450	100
H14	610 x 610 x 90	600	100
H14	610 x 762 x 90	750	100
H14	610 x 915 x 90	900	100
H14	610 x 1220 x 90	1200	100
H14	762 x 915 x 90	1130	100
H14	762 x 1220 x 90	1500	100
H14	1220 x 1220 x 90	2400	100

# Nanoclass Square Eco FC

## PERFORMANCE DATA

Filter Class	Dimensions	Flow Rate	Pressure Drop
EN 1822	mm	m <sup>3</sup> /h	Pa
H14	305 x 305 x 110	150	100
H14	305 x 610 x 110	300	100
H14	305 x 762 x 110	375	100
H14	305 x 915 x 110	450	100
H14	457 x 457 x 110	350	100
H14	457 x 610 x 110	450	100
H14	610 x 610 x 110	600	100
H14	610 x 762 x 110	750	100
H14	610 x 915 x 110	900	100
H14	610 x 1220 x 110	1200	100
H14	762 x 915 x 110	1130	100
H14	762 x 1220 x 110	1500	100
H14	1220 x 1220 x 110	2400	100

Filter Class	Dimensions	Flow Rate	Pressure Drop
EN 1822	mm	m <sup>3</sup> /h	Pa
H14	305 x 305 x 150	150	95
H14	305 x 610 x 150	300	95
H14	305 x 762 x 150	375	95
H14	305 x 915 x 150	450	95
H14	457 x 457 x 150	350	95
H14	457 x 610 x 150	450	95
H14	610 x 610 x 150	600	95
H14	610 x 762 x 150	750	95
H14	610 x 915 x 150	900	95
H14	610 x 1220 x 150	1200	95
H14	762 x 915 x 150	1130	95
H14	762 x 1220 x 150	1500	95
H14	1220 x 1220 x 150	2400	95

## SPECIFICATION

<b>Recommended air flow</b>	Flow rate ± 15 %	<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 gasket, 1 or 2 sides
---------------	--