

TripleAir HICAP FILTERS

TripleAir HICAP

TripleAir HICAP filter is a V formation mini pleat filter without header frame enclosed in a solid casing for a positive clamping to ensure a leak free seal. Typically used for Air Handling applications for preparatory filtration in cleanrooms available in E11- H14 to EN1822 filter classification. They offer space saving due to the High Capacity, mini pleat design, allowing higher airflows at lower pressure drops than conventional filters of this type.

HICAP Features

Higher air volume applications

HVAC Secondary and final filtration

Pharmaceutical manufacturing, laboratories, semiconductor and healthcare

Aluminium, stainless or galvanized steel frame construction

Application

Micro-electronics, pharmaceuticals, medical devices, hospitals and nuclear applications

Type

EPA, HEPA

Media

Waterproof micro glass fibers

Gasket

Half round, 2 component polyurethane, one piece seal

Separator

Thermoplastic hotmelt

Frame

Galvanized or Stainless Steel

Faceguard

None

Filter Classification

E11-E12, H13-H14

Nominal Airflow (m/s)

1.50 - 3.00

Air Volume (m³/hr)

up till 5000

Initial Pressure drop (Pa)

200 - 380

Temperature (max)

70 °C in continuous operation

Filter test

NEN-EN EN1822
NEN-EN-ISO 29463



Clean Room Filtration and Lighting Technology

TripleAir Technology are suppliers of high quality HEPA and ULPA filtration, ceiling grid systems and luminaires for the clean room industry. We offer fully integrated ceiling solutions for projects and cleanroom facilities.

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Technical Data

Type	Width (W)	Height (H)	Depth (D)	Airflow (m ³ /h)	Initial resistance (Pa)*	Filter class
HICAP 1500	610	305	292	1500	200	E11
HICAP 1500	610	305	292	1500	250	E12
HICAP 1500	610	305	292	1500	250	H13
HICAP 1500	610	305	292	1500	380	H14
HICAP 2000	305	610	292	2000	200	E11
HICAP 2000	305	610	292	2000	250	E12
HICAP 2000	305	610	292	2000	250	H13
HICAP 2000	305	610	292	2000	380	H14
HICAP 4000	610	610	292	4000	200	E11
HICAP 4000	610	610	292	4000	250	E12
HICAP 4000	610	610	292	4000	250	H13
HICAP 4000	610	610	292	4000	380	H14

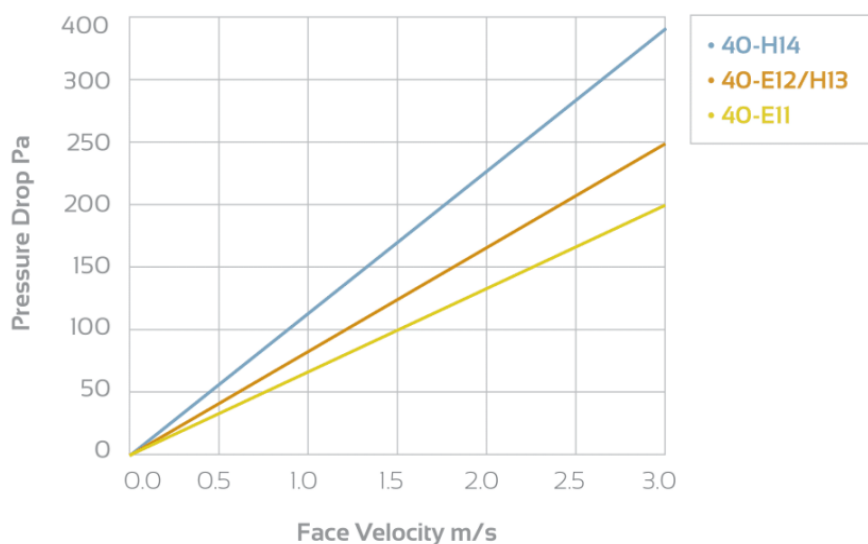
Note: other sizes and executions available upon request

* Tolerance on pressure drop $\pm 15\%$

Recommended final pressure drop: 750 Pa

Admissible relative humidity: 100%

Pressure Drop vs Face Velocity



TripleAir Technology maintains a policy of continuous product research and improvement, and retains the right to change product specification and design without notice.
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