

TripleAir Fluidseal Filters

Application

Cleanroom supply and return ,air
Cleanbench filters

Type

EPA, HEPA, ULPA panel with a one
piece gasket for mechanical
clamping

Media

Waterproof Micro Glass

Gasket

2 component polyurethane Gel

Separator

Thermoplastic Hotmelt

Frame

Extruded Anodised Aluminium

Faceguard

Mild steel powder coated or Stain-
less steel

Filter Classification

E10 to U17

Nominal airflow

0.45m/s

Air Volume

Up to 2700m³/hr

Initial pressure drop

70 to 165 Pa

Temperature

70degree in continuous use

Filter Test

Conforms to EN1822 ,2009 and
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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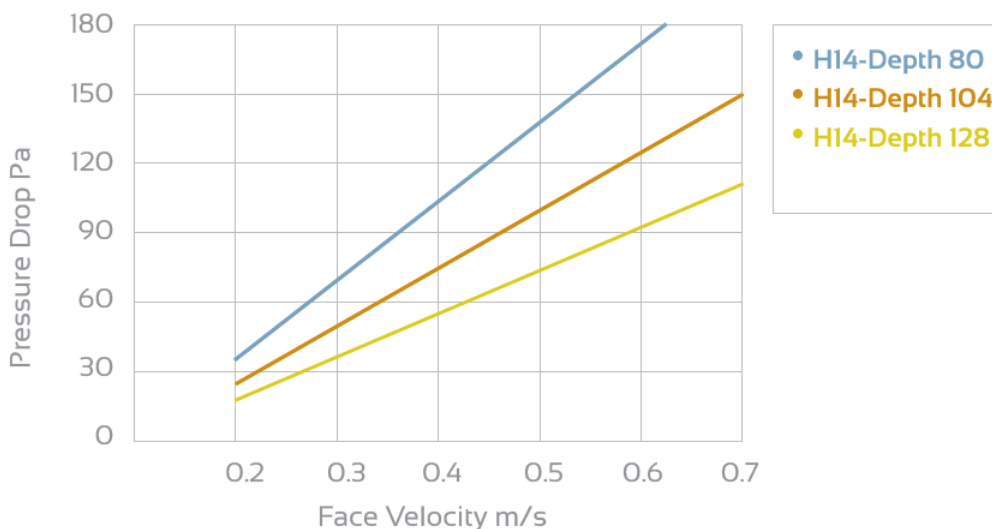
Technical Data

Style code	Dimensions (W x H x D)	Filter Classification EN1822	Nominal Air velocity M3/s	Air Volume M3/hr	Initial pressure drop Pa
TA-2-FS-14-G1-F3	610 x 610 x 80	H14	0.45	600	120
TA-2-FS-14-G1-F3	610 x 762x80	H14	0.45	750	120
TA-2-FS-14-G1-F3	610 x 915 x 80	H14	0.45	900	120
TA-2-FS-14-G1-F3	610 x 1220 x 80	H14	0.45	1200	120
TA-2-FS-14-G1-F3	610 x 1524 x 80	H14	0.45	1500	120
TA-2-FS-14-G1-F3	610 x 1830 x 80	H14	0.45	1800	120
TA-3-FS-14-G1-F3	610 x 610 x 104	H14	0.45	600	85
TA-3-FS-14-G1-F3	610 x 762x104	H14	0.45	750	85
TA-3-FS-14-G1-F3	610 x 915 x 104	H14	0.45	900	85
TA-3-FS-14-G1-F3	610 x 1220 x 104	H14	0.45	1200	85
TA-3-FS-14-G1-F3	610 x 1524 x 104	H14	0.45	1500	85
TA-3-FS-14-G1-F3	610 x 1830 x 104	H14	0.45	1800	85
TA-4-FS-14-G1-F3	610 x 610 x 128	H14	0.45	600	70
TA-4-FS-14-G1-F3	610 x 762x128	H14	0.45	750	70
TA-4-FS-14-G1-F3	610 x 915 x 128	H14	0.45	900	70
TA-4-FS-14-G1-F3	610 x 1220 x 128	H14	0.45	1200	70
TA-4-FS-14-G1-F3	610 x 1524 x 128	H14	0.45	1500	70
TA-4-FS-14-G1-F3	610 x 1830 x 128	H14	0.45	1800	70

Note: Other sizes available on request
Tolerance on pressure drop +/- 15%

Recommended final pressure drop 500 Pa
Admissible Relative humidity 100%

Pressure Drop vs Face Velocity



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