



TripleAir Knife-edgeFilters

Application

Pressurised plenum ceilings and fan filters

Type

EPA, HEPA, ULPA panel with a 20mm downstand on the filter sides

Media

Waterproof Micro Glass

Gasket

Optional depending on application

Separator

Thermoplastic Hotmelt

Frame

Extruded Anodised Aluminium

Faceguard

Mild steel powder coated or Stainless steel

Filter Classification

E10 to U17

Nominal airflow

0.45m/s

Air Volume

Up to 2700m³/hr

Initial pressure drop

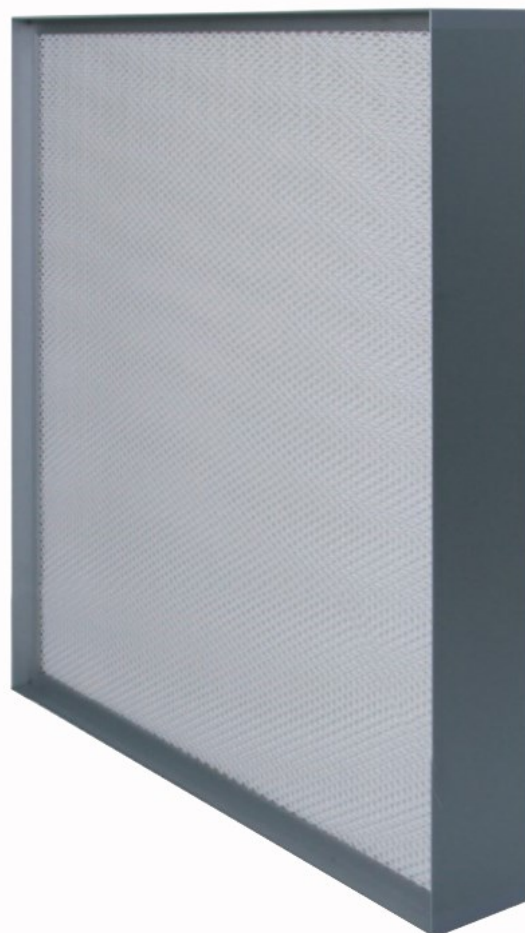
70 to 165 Pa

Temperature

70degree in continuous use

Filter Test

Conforms to EN1822 ,2009 and ISO29463



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.

T +44(0)1670 739394

E info@tripleairtechnology.co.uk

Document TAF 016

tripleairtechnology.co.uk

TripleAir Knife-edge Filters

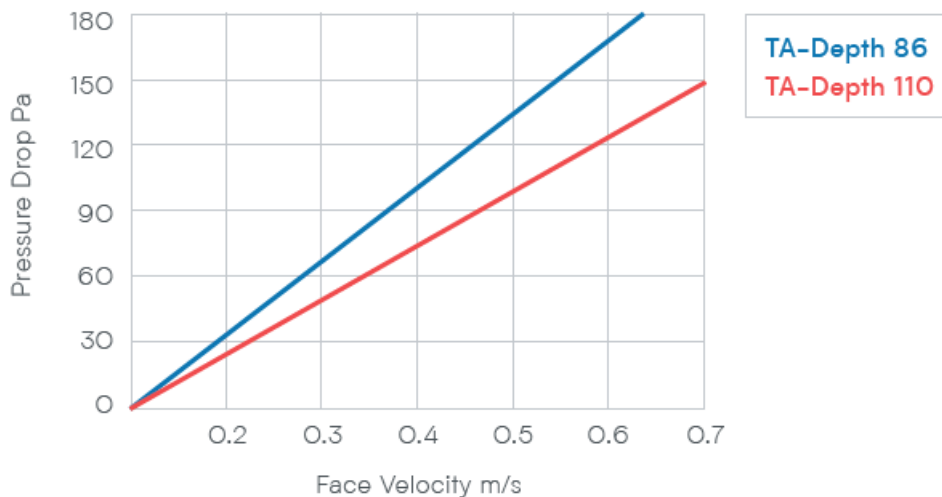
Technical Data

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-KE-14-G1-F3	610 x 610 x 86	H14	0.45	600	120
TA-2-KE-14-G1-F3	610 x 762x86	H14	0.45	750	120
TA-2-KE-14-G1-F3	610 x 915 x 86	H14	0.45	900	120
TA-2-KE-14-G1-F3	610 x 1220 x 86	H14	0.45	1200	120
TA-2-KE-14-G1-F3	610 x 1524 x 86	H14	0.45	1500	120
TA-2-KE-14-G1-F3	610 x 1830 x 86	H14	0.45	1800	120
TA-3-KE-14-G1-F3	610 x 610 x 110	H14	0.45	600	85
TA-3-KE-14-G1-F3	610 x 762x 110	H14	0.45	750	85
TA-3-KE-14-G1-F3	610 x 915 x 110	H14	0.45	900	85
TA-3-KE-14-G1-F3	610 x 1220 x 110	H14	0.45	1200	85
TA-3-KE-14-G1-F3	610 x 1524 x 110	H14	0.45	1500	85
TA-3-KE-14-G1-F3	610 x 1830 x 110	H14	0.45	1800	85

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



TripleAir Technology Ltd
(Sales, Engineering & Manufacture)
41A Colbourne Crescent,
Nelson Park Industrial Estate,
Cramlington, England,
NE23 1WB.
T +44(0)1670 739394
E info@tripleairtechnology.co.uk

Document TAF 016



TripleAir Technology BV (Sales & Production)
P.O. Box 2204, 7801 CE, Emmen
Columbusstr. 30, 7825 VR, Emmen,
The Netherlands
T +31(0)591 630607 F +31(0)591 631099
E info@tripleair-technology.com

tripleairtechnology.co.uk