

TripleAir S COMP Filters

Compact Filters

Lightweight design with pleated media for a wide range of applications including Pharmaceutical, Hitech, Semiconductor, Healthcare and Commercial applications. Filter classification up to F9. For use in Safe Change pre filtration (E-Comp), Side Access and HVAC secondary filtration, offering a high capacity and high efficiency from ISO 16890 ePM10-70% - ePM1-80% (EN779 M6-F9) filter classification.

S COMP Features

Side access housings and front or rear framing system

High-Capacity Vee Pleat formation frame

20mm or 25mm header options

ISO16890

M6 – ePM10 70%

F7 – ePM1 55%

F8 – ePM1 65%

F9 – ePM1 80%

Application

Commercial buildings, hospitals, pharmaceuticals, HVAC

Type

Ashrea

Media

Waterproof micro glass fibers

Gasket

Optional

Separator

Thermoplastic hotmelt

Frame

ABS (incinerable)

Faceguard

None

Filter Classification

M6-F9

Nominal Airflow (m/s)

2.90

Air Volume (m³/hr)

up till 5000

Initial Pressure drop (Pa)

65 - 190

Temperature (max)

70 °C in continuous operation

Filter test

EN779;2012



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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Document TAF 006-I

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Filter Class ISO 16890	EN779	Dimension	Nominal Airflow	Initial Pressure	Average efficiency		
			M3/Hr	Pa	ePM1	ePM2.5	ePM10
ePM10 70%	M6	592 x 592 x 300	3400	75	28	42	71
ePM10 70%	M6	592 x 490 x 300	3000	75			
ePM10 70%	M6	592 x 287 x 300	1700	75			
ePM1 55%	F7	592 x 592 x 300	3400	80	59	66	88
ePM1 55%	F7	592 x 490 x 300	3000	80			
ePM1 55%	F7	592 x 287 x 300	1700	80			
ePM1 65%	F8	592 x 592 x 300	3400	90	69	76	90
ePM1 65%	F8	592 x 490 x 300	3000	90			
ePM1 65%	F8	592 x 287 x 300	1700	90			
ePM1 80%	F9	592 x 592 x 300	3400	98	81	86	94
ePM1 80%	F9	592 x 490 x 300	3000	98			
ePM1 80%	F9	592 x 287 x 300	1700	98			

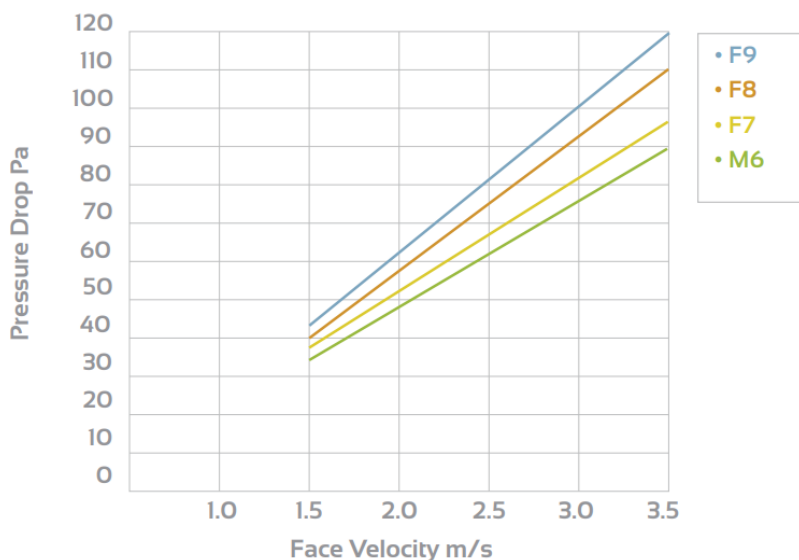
Note: other sizes and executions available upon request

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

Recommended final pressure drop: 450 Pa

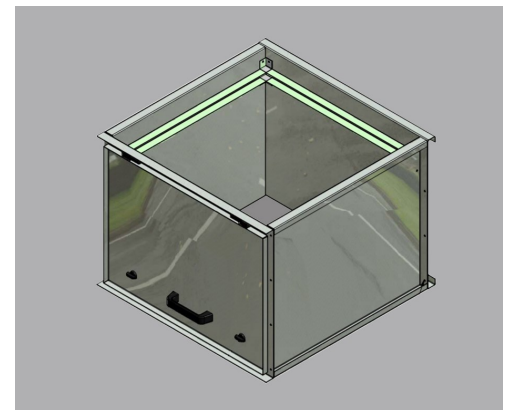
Admissible relative humidity: < 100%

Pressure Drop vs Face Velocity



Related Products

Side Access Housing



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