

TripleAir NANO S COMP Filter

Nano S COMP

Where the requirement for low pressure drop, no Boron off-gassing and low microbiological propagation is required the Triple Air S Comp is the ideal choice. Formed through a mechanical process that integrates very fine fibre material in a manner where both coarse and fine fibres create a three dimensional structure. The coarse fibre provides the strength support and protection to the fine fibre material and through modelling we can adjust the gradient to deliver a consistent efficiency across the entire filter media.

The difference is the application of endless fibre lengths when creating the Nano V material. Typical modern day products using synthetic or fibre glass material bond varying fibre lengths to each other and during filter life or poor handling this bonding can break off causing fibre "shed" down-stream.

The final product is extremely durable with high compressive strength in the airflow direction. This durability also ensures that there is no damage to the pleats during transportation and storage.

Installations

Can be used as the secondary filter stage in the supply air for clean process applications or as a last filter stage for commercial applications. These filters provide excellent filtration efficiency at low pressure drops and need less space (depth) in air handling systems than bag filters.

The total media area is up to 3 times higher than the conventional bag filter giving energy savings and longer service life.



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

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Grade and Performance

Filter Class	Dimensions	Rated Airflow l/s	Initial DP Pa
ePMIO 70%	592x592x292	944	47
ePMIO 70%	592x287x292	472	47
ePMI 60%	592x592x292	944	73
ePMI 60%	592x287x292	472	73
ePMI 70%	592x592x292	944	120
ePMI 70%	592x287x292	472	120
ePMI 80%	592x592x292	944	143
ePMI 80%	592x287x292	472	143

Standard Features

- Anti Microbial Media
- Low Pressure Drop
- 100% moisture Resistant
- Fully Incinerable
- Filters Conform to ISO16890
- Glass Fibre Free
- Constant Lifetime performance
- No Boron Off gassing

TripleAir Technology Ltd
 (Sales, Engineering & Manufacture)
 41A Colbourne Crescent,
 Nelson Park Industrial Estate,
 Cramlington, England,
 NE23 1WP.

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 E info@tripleairtechnology.co.uk

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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