

# TripleAir INSULATED INLINE Housing



## TripleAir Ducted HEPA housing

**TripleAir Ducted HEPA housing** is designed to take multiple HEPA filters in a single bank for installation in ducted systems. The housing is an insulated panel construction with side access door to permit access to install the filter cells. The panels can be powder coated steel or PVC faced steel with rockwool core suitable for internal or external installation. Option also available for stainless steel.

Typical applications include:-

- Pharmaceutical Production
- Pharmaceutical and Biotechnology Laboratories
- Hospital and other healthcare facilities
- General inline HEPA filtration
- Upgrades to existing systems

Airflow are typically from 1 to 12 m<sup>3</sup>/s but larger sizes are available

**TripleAir Ducted HEPA housings** are available for HEPA only or with integral pre-filter section. Differential pressure connections are included for both the main filter and the pre-filter section for continuous monitoring

The **TripleAir** housing can utilize standard filter elements in sizes 610x610x292mm, 305x610x292mm and 305x305x292mm, with metal or wood cell sides in classifications F6-F9 to EN779 and E10-H14 to EN1822.

Rating of the filter elements is between 0.28m<sup>3</sup>/s (1000m<sup>3</sup>/hr) and 1.38m<sup>3</sup>/s (5000m<sup>3</sup>/hr) depending on classification and initial pressure drop. Pre-filter elements for integral pre-filter section, sized to suit, in classification G4 or F5 to EN779 (up to F9 optional).

## 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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## Weights and Dimensions

Gasket seal Filter Cells:-		Air Volume range (per single filter)
Full size	610x610mm	up to 5000m <sup>3</sup> /hr
Half size	305x610mm	up to 2500m <sup>3</sup> /hr
Quarter size	305x305mm	up to 1000m <sup>3</sup> /hr



TripleAir Technology specialise in Cleanroom Technology with the ability to offer advice and design assistance as well as sourcing filtration products and components. We also have a warehouse/storage facility for holding critical stock.

TripleAir Technology manufacturing facility in the Netherlands is equipped with the state of the art digital media pleater for accurate and consistent quality where standard and non standard filters can be produced to meet our customer's critical requirements.

All our HEPA/ULPA filters are manufactured in accordance with the latest International Standards/Recommendations and are supplied with a unique individual test certification. These filters ensure that supply and exhaust air is cleaned of unwanted particulate, microbes, bacteria and viruses. The end result is Ultra clean air protecting people, manufacturing and the environment.

Our teams' reputation of providing the best quality service for project success cannot be match within our industry, and we strive to continuously improve to keep pace with the changing environment we live in.

## TripleAir Ducted HEPA

### STANDARD FEATURES:-

- Inlet and outlet Doby Flanges
- PVC coated steel
- Airtight doors
- Side access for maintenance
- Standard overpressure of up to 2500Pa positive and 3000Pa negative
- Easy to decontaminate and resistant to disinfectants
- Stainless Steel hardware
- Differential pressure connections

### OPTIONS:-

- Integrated pre-filter section
- Internal lighting
- Housings to suit 149mm deep filter
- Stainless steel 304L & 316L
- Inlet/outlet transitions
- Dampers, Gauges & other accessories
- Roof for outdoor installations

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