

TripleAir INLINE HEPA Housing

TripleAir INLINE HEPA housing



TripleAir INLINE HEPA housing is a fully welded, airtight duct housing, designed for the in-line installation of supply air, recirculation and exhaust ducting. Manufactured from mild steel epoxy powder coated to white RAL9010 which is easy to decontaminate and resistant to disinfectants. Option also available for stainless steel.

Airtight side access doors, with star wheel turn-locks, enable easy replacement of filter elements. Internal and external hardware in manufactured from stainless steel. Other optional finishes avail-

Typical applications include:-

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

TripleAir INLINE HEPA housings are designed to accept Hi cap filters 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

TripleAir Inline housing can utilize standard filter elements in sizes 610x610x292mm, 305x610x292mm and 305x305x292mm, with metal or wood cell sides in classifications from ISO 16890 ePM10 70% up to ePM1 80% and E10 -H14 to EN1822.

Rating of the filter elements is between 0.28m³/s (1000m³/hr) and 1.38m³/s (5000m³/hr) depending on classification and initial pressure drop. Pre-filter elements for integral pre-filter section, sized to suit, in classification ISO PM10 course to ISO 16890 ePM1 80%

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 TAT 002-03

tripleairtechnology.co.uk

TripleAir INLINE HEPA Housing



TripleAir Inline
HEPA Housing

Sizing:-

Full size	622x622mm
Half size	322x622mm
Quarter size	322x322mm

Air Volume range (per single filter)

up to 5000m ³ /hr
up to 2500m ³ /hr
up to 1000m ³ /hr

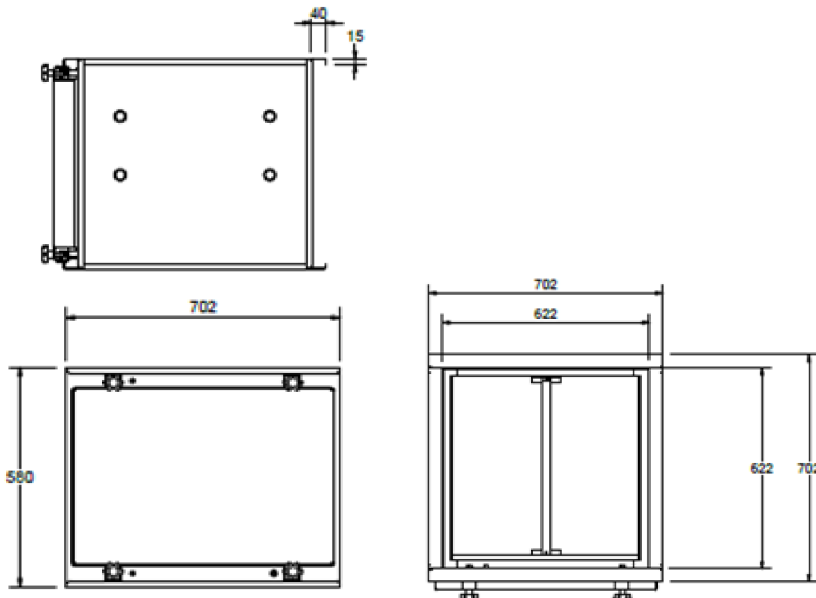
Housing depth:-

Main (HEPA) section only	580mm
Pre & Main sections	850mm
Double main sections	1160mm

Add 100mm to W and L for flange

Add 133mm for access hatch

Allow 1000mm clearance for service to L



TripleAir INLINE HEPA

STANDARD FEATURES:-

- Fully welded construction
- 2mm Zintec Steel epoxy coated (RAL9010)
- Airtight doors
- Side access for maintenance
- 15mm return on flange for additional strength
- Standard overpressure of up to 2500Pa positive and 3000Pa negative
- Easy to decontaminate and resistant to disinfectants
- Stainless Steel hardware
- Stainless steel clamping mechanism
- Differential pressure connections
- 40mm undrilled flanges

OPTIONS:-

- Integrated pre-filter section
- Double HEPA
- Half & Quarter size units for lower air volumes
- Housings to suit 149mm deep filter
- Stainless steel 304L & 316L
- Inlet/outlet transitions
- Coupling sets
- Dampers, Gauges & other accessories
- High pressure construction – up to 40000Pa

Clean Room Filtration and Lighting Technology

Visit our website to view our full range of HEPA and ULPA filters, safe change units, fan filter units, ceiling grid systems and cleanroom luminaires.

TripleAir INLINE HEPA Housing

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.

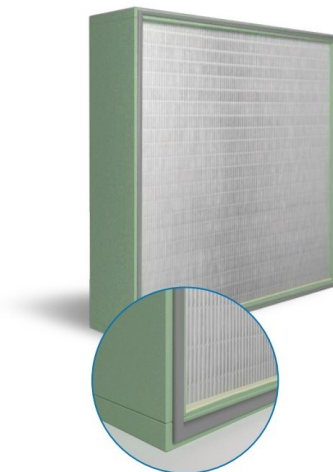
Our teams' reputation of providing the best quality service for project success cannot be match within our industry, and we strive to continuously improve to keep pace with the changing environment we live in.

Related Products

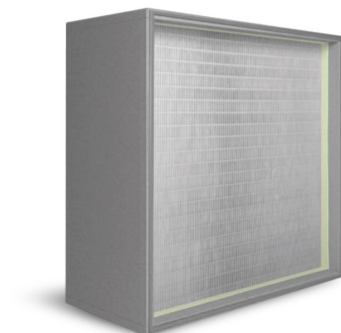
HiCAP Hepa Filter



PAK MDF Hepa Filter



PAK ALU Hepa Filter



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 TAT 002-03

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