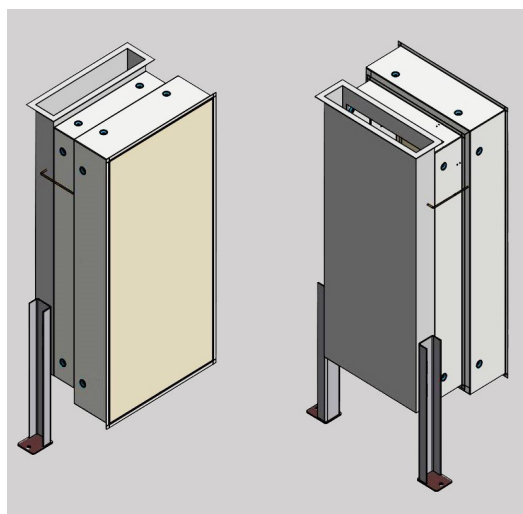


# TripleAir LOW LEVEL TERMINAL Housing



## TripleAir Side Wall Terminal Filter housing

**TripleAir TERMINAL HEPA** housing is a sidewall filter module, designed for use in turbulent mixing cleanrooms where high quality filtered air is required. Room-side change of the HEPA filter element ensures the integrity of the cleanroom and duct connection. The housings suit a gel or gasket seal filter, with grades from G4 to H14 providing a positive seal between the filter element and the housing and the housing to the building fabric.

Typical applications include supply and extract systems for:-

- Pharmaceutical Production and Biotechnology Labs
- Hospitals and Healthcare facilities
- Optical Industries
- Food and Beverage processing

**TripleAir TERMINAL** housings are manufactured from mild steel and finished with an epoxy powder coating to white RAL9010. The robust nature of the housing ensures a positive seal to the building fabric which is further enhanced by a rear support flange to allow clamping through the wall and optional heavy duty legs which can be set on site to suit varying installation heights. A differential pressure connection is included for room-side testing.

The unit has a concealed grille fixing and can be fitted with 45 degree, egg crate or perforated plate diffusers. Access to the filter is via a removable centre core. Filter installation is carried out from the Cleanroom side, and can easily be achieved by one person.

**Filters** The housings are designed to suit a range of filters dependant on the application. Each housing is fitted with test points for filter differential pressure, filters are clamped or held in place with spring clips

## 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.

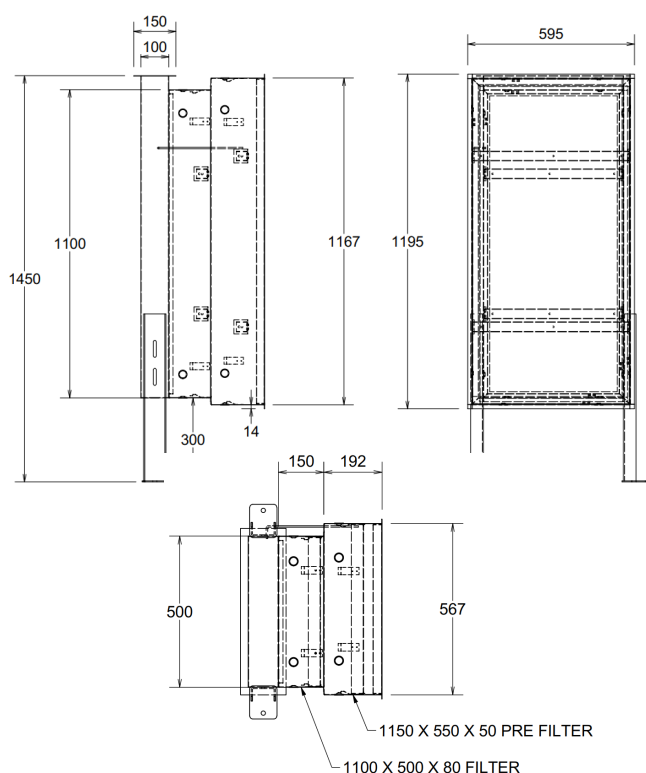
# TripleAir LOW LEVEL TERMINAL Housing

Style Code	Nominal size WxLxH mm	Gel Filter Size mm	Capacity m3/s @ initial 120Pa
TH1212-2G	321x321x292	305x305x80	0.04
TH1212-4G	321x321x340	305x305x128	0.07
TH1818-2G	473x473x292	457x457x80	0.10
TH1818-4G	473x473x340	457x457x128	0.17
TH2424-2G	626x626x292	610x610x80	0.17
TH2424-4G	626x626x340	610x610x128	0.30
TH2436-2G	626x931x292	610x915x80	0.25
TH2436-4G	626x931x340	610x915x128	0.45
TH2448-2G	626x1236x292	610x1220x80	0.33
TH2448-4G	626x1236x340	610x1220x128	0.60

## Notes:

1. Nominal housing size excludes flanges (14mm each side)
2. Module height based on top rectangular duct connection  
For top circular height increases by spigot diameter -73mm
3. Initial pressure based on H14 HEPA in accordance with EN1822
4. Other sizes available on request

## Example Low Level Terminal Housing with Pre and Main Filter



## TripleAir Low level Terminal Housings

### STANDARD FEATURES:-

- Mild steel construction with RAL9010 epoxy coated finish
- Top circular or top rectangular inlets
- Knife edge seal for gel HEPA
- Differential pressure connection
- Clamping flange
- Louvre Face, egg-crate or perforated plate diffuser
- Metric or imperial sizing to suit wall cavities

### OPTIONS:-

- Stainless Steel construction
- Side rear inlet
- Alternative flange arrangements
- Loose flange
- Isolation dampers
- Pressure gauges
- Back box only (without HEPA)
- Support legs

## 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.

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[tripleairtechnology.co.uk](http://tripleairtechnology.co.uk)

# TripleAir LOW LEVEL TERMINAL 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.

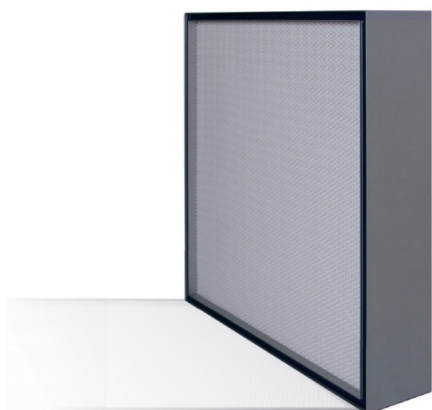
TripleAir Technology manufacturing facility in the Netherlands is equipped with the state of the art digital media pleater for accurate and consistent quality where standard and non standard filters can be produced to meet our customer's critical requirements.

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

Fluidseal Hepa Filter



Perforated Diffuser



Dryseal Hepa Filter



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