

TripleAirHOOD FILTERS

High-efficiency HEPA Terminal Hood filters protect people, equipment and processes from airborne particulate contamination. HEPA Terminal Hood filters are used in air ventilation and air conditioning plants requiring high or very high levels of air purity. They are designed for clean room ceilings and clean work tables to provide laminar flow.

Applications: Industrial processes like microelectronics, medicine, pharma, the food industry, microbiology, chemistry, laboratories, hospital and hospital operating theatres, laminar flow boxes, nuclear energy and nuclear research.

Specifications

- Optimized velocity distribution
- Low pressure drop, less energy consumption
- Guaranteed leak-free
- Adjustable airflow by means of a damper
- Ready to install
- Aluminium cover and spigot
- Disposable filter modules
- With individual test certificated
- Factory sealed unit filter
- Interchangeable with existing filters
- Assembled without screws or fasteners
- Emery (DOP) and ΔP nozzles included



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.

TripleAirHOOD FILTERS

Filter Class; H13 - H14 - U15

Sealing Compound; Two component polyurethane

Frame type; Anodized, extruded aluminium

Faceguard; Aluminium sheet, powder coated

Spigot Diameter; 160-200-250-315mm



Media; High quality glass fibre

Separators; Hotmelt

Flammability Class; K2/F2 for normal Temp.

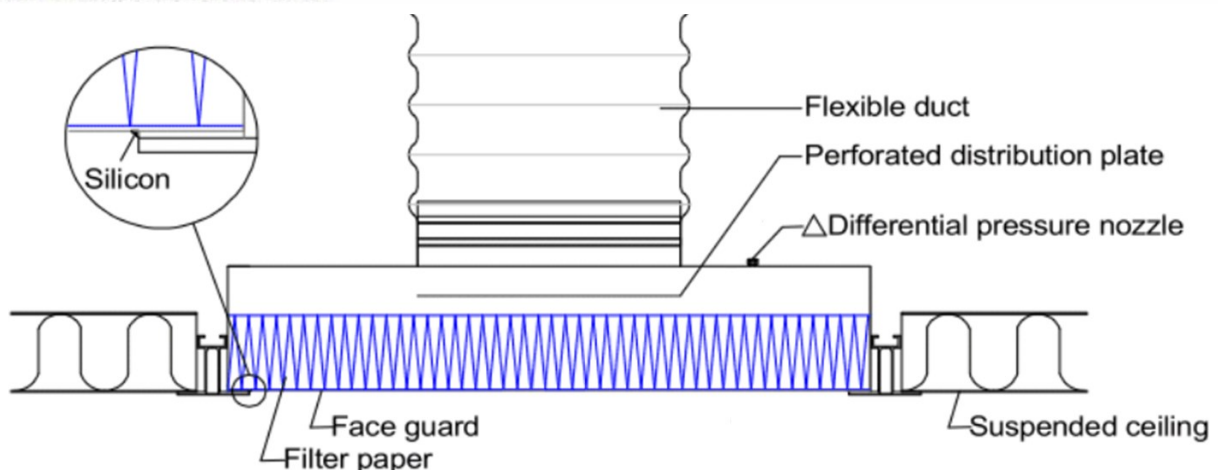
Max. Final Pressure Drop; 600 Pa

Max. Operating Temperature; 75°C

Filter Pleat	Pleat Height (PH-...)(mm)	Pleat Code	Filtration area per m ² face area	Filter Class (EN1822)	Pack resistance @ nominal air velocity (0,45m/s)	Available Frame Code for pleat	Available Frame Depth for pleat (mm)
	50	1	29,6	H13	90	(HTH) AL, AX	125, 175
			29,6	H14	115		
			29,6	U15	135		
	100	6	48,4	H13	65	(HTH) AX	175
			50,5	H14	80		
			53,7	U15	100		

* Other pleat heights are available for special applications.

* Differential Pressure Tolerance ±10%



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.

T +44(0)1670 739394

E info@tripleairtechnology.co.uk

tripleairtechnology.co.uk

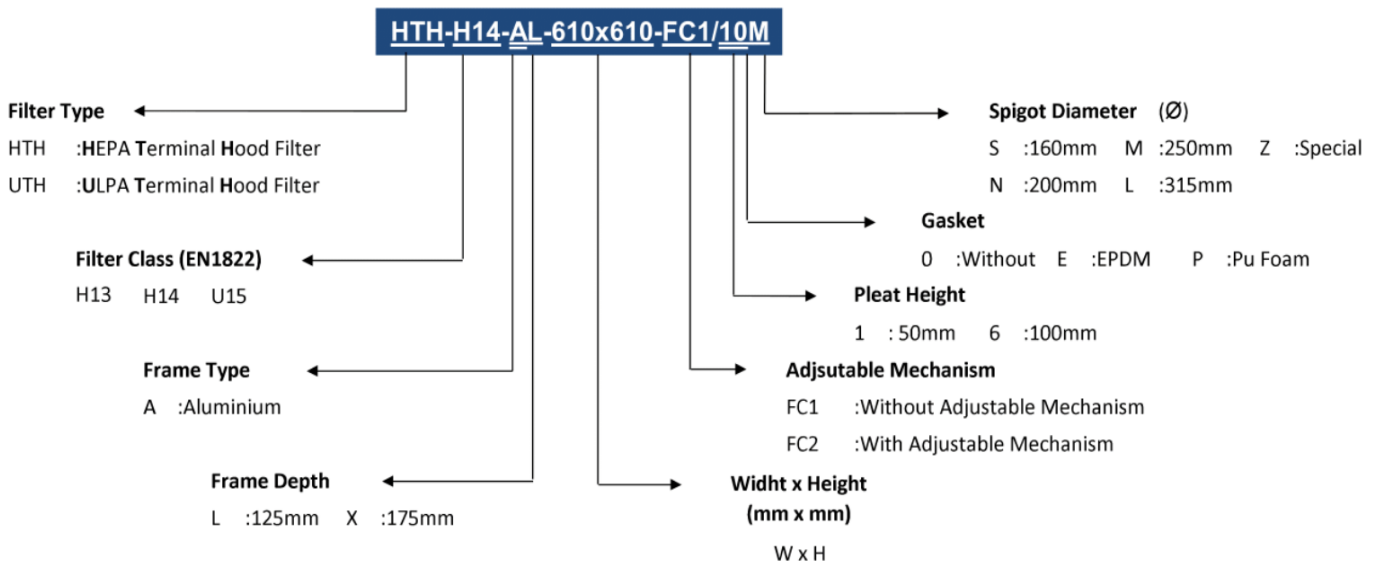
TripleAirHOOD FILTERS

Filtration area and pleat height designed with the optimum value are more important for performans of filters. The filters having high pleat height offer a good solution with lower operating costs and significantly reducing energy consumption.

Volume can be adjusted by perforated distribution plate from roomside with a screwdriver through an access port located in the center of the unit. For an optional application where the volume control is not necessary the fixed distribution plate is also available (divider is not included).



Note: Add 15Pa to initial resistance for hood construction



TripleAir Technology Ltd
(Sales, Engineering & Manufacture)
41A Colbourne Crescent,
Nelson Park Industrial Estate,
Cramlington, England,
NE23 1WPB.
T +44(0)1670 739394
E info@tripleairtechnology.co.uk



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