

### Hepa Filters

HEPA-ULPA filters from LineAir are marketed in various versions according to the customer's requirements and filtering applications. There are two types of technology for the manufacture of this type of filters.

#### Grades :

Hepa filters in grades from H10 to H13 for the filtering of air in systems of air supply and extraction, generally located in air supply units.

Laminar flow filters in grades from H14 to U17 for roof terminals and diffusers in white rooms.

### Two technologies



#### Filters with aluminium separators

Used in systems with large concentrations of fine powders and canister systems, which require large throughput of air, able to be coupled to continuous cleaning systems.

#### Filters with hotmelt separators

A pleat stabilisation system provided by a string of hotmelt, which in addition to maintaining the distance between pleats, also gives additional rigidity on the filter package.

### Assembly



The assembly can be implemented via DM structure, stainless or galvanised steel, aluminium or plastic frame according to the intended application of the filter.

It may also incorporate epoxy-coated aluminium or steel protection meshes, as well as special thixotropic joints or a «liquid seal».

### Applications



Laminar flow filtration, pharmaceutical processes, laboratories, microelectronics, optics, turbo machinery, etc...

# Hepa Filters

## Key parameters:

- Produced from fibre glass filter media.
- Mini pleat and aluminium separators technology.
- Hotmelt separators for minipleat system and Aluminium for long pleat system.
- Fibre glass support packet.

## Key characteristics:

- Certified quality: each type of HEPA filter has been impartially tested according to EN 1822.
- Temperature resistance : up to 120°C.
- Silicon free under demand.
- Resistance to relative humidity : up to 80% R.H
- Fire resistance : comply with DIN 53 438 F1 level.
- Polyurethane seals in standard products, special liquid seals under demand.
- Aluminium separators technology and Hotmelt separators technology available.
- Available frames in DM, galvanized and stainless steel, aluminium and plastic.



	HEPA	HEPA LAMINAR	HEPA HOOD
<b>Filter classes</b>	H10, H11, H12, H13, H14	H10, H14, U 15	H10, H14, U15
<b>Dimensions</b>	305 x 305 305 x 610 457 x 457 457 x 610 610 x 610 762 x 610 915 x 610 1220 x 610 1525 x 610 1830 x 610 762 x 762 915 x 762 1220 x 762 1525 x 762 1830 x 762	305 x 305 305 x 610 457 x 457 457 x 610 610 x 610 915 x 610 1220 x 610 1525 x 610 1830 x 610	600 x 300 600 x 600 905 x 600 1210 x 600 610 x 305 610 x 610 1220 x 610 915 x 610 915 x 915
<b>Depth</b>	150, 292 Others under demand	48, 68, 98. Others under demand	98, 150
<b>Typical applications</b>	Food industry, Electronics, Pharmacy and Labs, Hospitals.	Food industry, Electronics, Pharmacy and Labs, Hospitals, Operating rooms, Optical industry, Clean rooms.	Food industry, Electronics, Pharmacy and Labs, Hospitals, Operating rooms, Optical industry, Clean rooms.



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