

High temperature filters

High temperature filters from LineAir for filtering fine particles are classified into three groups according to their technology, of the pleated type with separators, or of the filter medium. All are classified according to the current EN 779, the filter medium being F1 self-extinguishing and they basically support the same conditions of working.

Specially designed for filtering in industrial process furnaces and drying chambers for different applications, 100% resistant 100 % to humidity in grades qualities from G4 to H11.

Mini-pleat HT filters

Manufactured from high-density filter media incorporating glass fibre, which renders them much safer than other filters of their category, allowing them to work without deformation at up to 650 Pa compared with 400 Pa, which they replace. This type of filter makes possible a large variety of sizes, depths and grades, from F6 to H11.



Deep-pleat HT filters

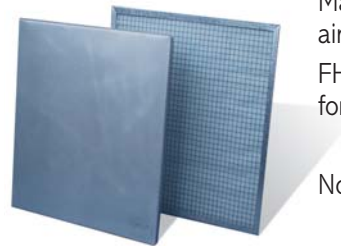
High temperature filters with deep pleats rely on a system of aluminium separators which maintain the stability of the distance between the filter walls, making it possible for air to circulate through the entire depth of the filter, offering a high work output compared with other types of filter, grades available from F6 to F9.



FH 1000 filter

Manufactured from glass fibre filter mat in grades G4 and F5, they rely on a safety veil located in the layer clean air, which prevents the migration of glass fibres, thus conferring additional safety.

FH 1000 filters are assembled between two aluminium meshes and may also incorporate a galvanised steel frame for assembly on support frames.



Note: Other sizes and grades can be manufactured on customers' request.

High temperature filters

Key parameters:

- Produced from micronized fibre glass filter media.
- Mini pleat and aluminium separators technology.
- Paper straps separators for minipleat system and Aluminium for long pleat system.
- Fibre glass support packet - Type A.
- Metallic frame - Type B.

Key characteristics:

- Certified quality : each type of HT filter has been impartially tested according to EN 779.
- Silicon free.
- Resistance to Relative Humidity : up to 80% R.H.
- Fire Resistance : comply with DIN 53 438 F1 level.
- Special ceramic round seals.

| | HT-FH 1000 | HT-A / B |
|-------------------------------------|---|---|
| Filter classes | G4 | F6, F8 |
| Temperature max | 300°C | Type A and B 230-320°C |
| Dimensions | 480 x 480 500 x 500 610 x 610 | 610 x 610 592 x 592 592 x 287 305 x 610 915 x 610 915 x 457 Others under demand |
| Depth With metallic frame | 14 / 20 / 25 | 40 / 55 / 78 / 98 / 150 / 292 Others under demand |
| Typical applications | Prefiltration in heating units and drying ovens | Filtration in paint ovens and pharmacy industry |



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