# High-Temperature Pleated Hepa Filters

## Product Features

Designed for critical air purification in cleanroom HVAC systems, laminar flow terminal units, and high-fire-resistance/high-temperature ventilation systems, ideal for clean ovens, automotive coating systems, and other high-temperature air quality control applications.

1. High efficiency, low resistance, large dust-holding capacity, and exceptional high-temperature resistance.
2. Uses imported flexible sealing materials (replacing traditional ceramic adhesives) to prevent cracking, peeling, or leakage during thermal expansion.
3. Capturing a minimum of 99.97% of particles as small as 0.3 microns while enduring temperatures ranging from 250°C to 350°C and even higher.
4. Common dimensions: 610×610×150mm, 630×630×220mm, 915×610×150mm, 610×610×290mm (fully customizable) .
5. Widely applied in industries including microelectronics, optics, semiconductors, surface treatment, coating, chemical engineering, biopharmaceuticals, hospitals, and automotive manufacturing.

## Technical Index

Filtration Grade:H10、H11、H12、H13、H14

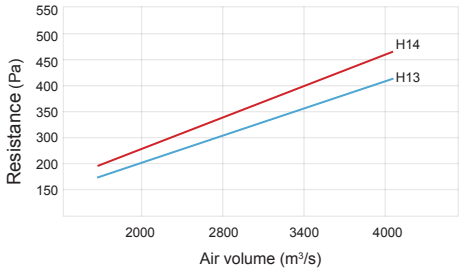
Moisture resistance:100% RH

High temperature resistance:≤150°C、≤250°C

Filter object: ≥0.5μm，≥0.3μm

Filtration Efficiency: 99%、99.9%、99.99%、99.999(ASHRAE52.1-1992)

Air volume-resistance curve chart
610*610*292




## Material characteristics

Filter Media:Ultrafine glass fiber filter

Frame Material:Aluminum profile / Stainless Steel / Galvanized frame

Separator:Aluminum foil

Sealing Adhesive:Imported flexible sealing material

Sealing Strip:High-temperature resistant sealing strip

## Technical Parameter

| Model | Filtration Grade | Dimensions (mm) W*H* D | Initial Resistance (Pa) | Media area($m^3$) | Wind Velocity Test (m/s) | Rated Air Flow ($m^3$/h) |
|---|---|---|---|---|---|---|
| WS-250HT1 | H13 | 610*610*120 | 190 | 7.04 | 0.56 | 750 |
| WS-250HT2 | | 610*610*292 | | 21.04 | 1.64 | 2200 |
| WS-250HT3 | | 610*1220*292 | | 45.5 | 1.66 | 4400 |
| WS-250HT4 | H14 | 610*610*120 | 220 | 7.04 | 0.56 | 750 |
| WS-250HT5 | | 610*610*292 | | 21.04 | 1.64 | 2200 |
| WS-250HT6 | | 610*1220*292 | | 45.5 | 1.66 | 4400 |