

# Ultrair

## Low profile HEPA/ULPA Filters



### PRODUCT SPECIFICATIONS

- **Media:** Glass Fiber Media, Ultra low resistance PTFE media
- **Frame:** Anodized Aluminium Extrusion
- **Separation:** Hot melt
- **Filter Efficiency:** H13, H14, U15, U16, U17
- **Operating Temperature:** Maximum operating temperature 70°C
- **Rated Velocity:** 0.45m/s
- **Sealant:** Polyurethane
- **Sealing Gasket:** EPDM, Gel Sealant, PU gasket

### LOW PROFILE HEPA/ULPA PANEL FILTERS FOR CLEANROOM APPLICATIONS

HEPA/ULPA panel filters are designed for use in Cleanroom applications where a compact footprint and high efficiency filtration is needed. Applications include medical, pharmaceutical, microelectronics as well as other Cleanroom disciplines.

All HEPA/ULPA Ultra Air filters are available in efficiencies from 99.99% @ 0.3 micron-sized particles to 99.999995% @ 0.12 micron-sized particles, which is

typically the MPPS (Most Penetrating Particle Size) for this filter in most applications.

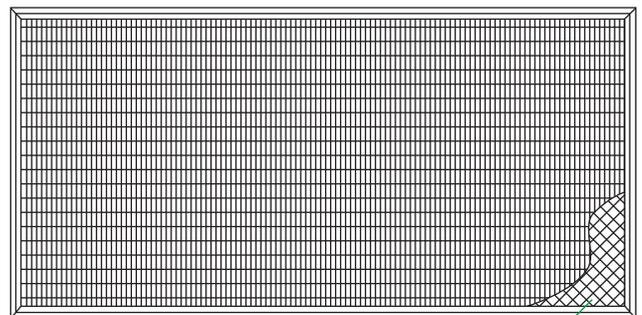
HEPA/ULPA Ultra Air filters are available with either a gasket seal or gel seal as needed per application.

### FEATURES

- Low Resistance
- Compact Structure, Light in Weight
- Velocity uniformity, Sturdy Structure
- Providing Gasket, Gel Seal and Knife edge

### PRODUCT INTRODUCTION

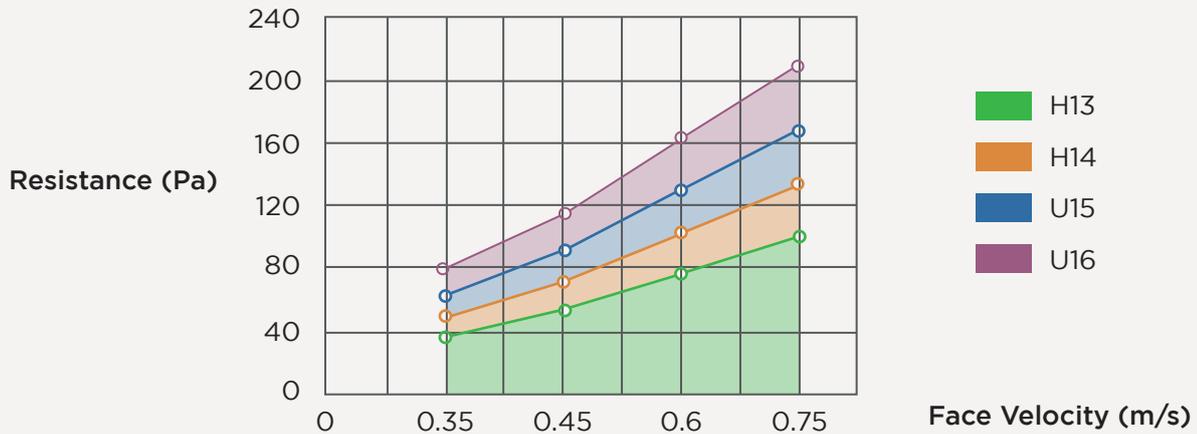
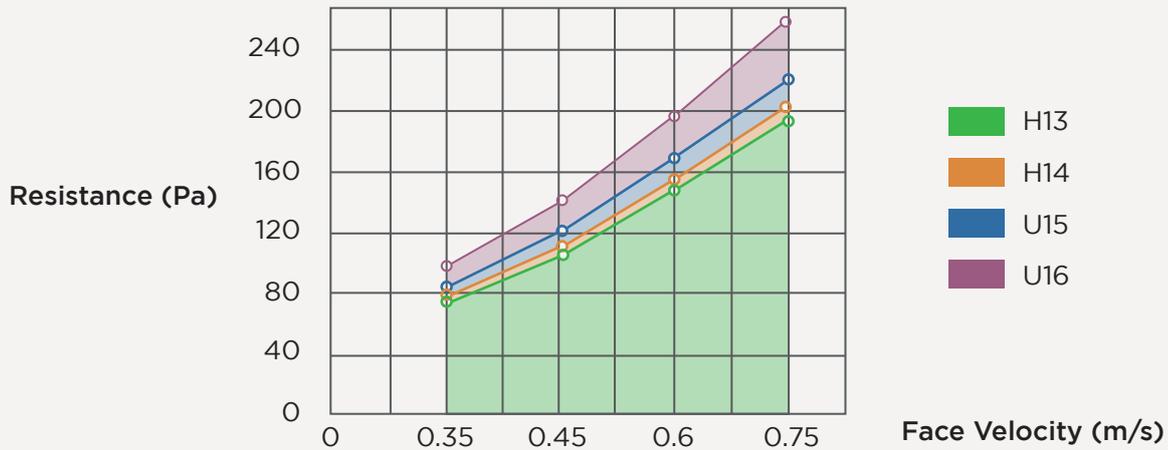
- Adopting mini-pleat style media, extremely reducing resistance and improving filtration efficiency;
- Aluminum frame, bothside EPDM gasket, protect filter from damage during delivery and installation process;
- Utilizing low chemical off gassing media to meet special industry strictly requirement;
- Each filter passed strictly leakage test before delivery, ensure the filter meet the highest quality standard;



Optional Grille

## TECHNICAL SPECIFICATIONS

Initial Resistance and Surface Velocity Curve



## PROVIDING WIDE RANGE FILTRATION EFFICIENCY

Efficiency	EN 1822 Standard MPPS Efficiency
99.99@0.3µm	99.95% (H13)
99.999@0.3µm	99.995% (H14)
99.9995@0.12µm	99.9995% (U15)
99.99995@0.12µm	99.99995% (U16)
99.999995@0.12µm	99.999995% (U17)