

AIR FILTER TECHNOLOGY

FAN FILTER UNIT (FFU)

Specifications

- Easy installation into cleanroom grids
- Snap-in, washable prefilter for easy replacement and maintenance
- Guaranteed leak-free
- Self-contained ceiling fan filter unit
- Low operating cost, low wattage
- AC or EC fans optionally
- Silent operation (<65 dBA)
- Uniform air velocity
- Differential pressure gauge available on request
- test aerosol inlet nozzle (DOP/EMERY test)
- Adjustable airflow with variable speed controller on request
- Replacement HEPA Filter from room side or ceiling side



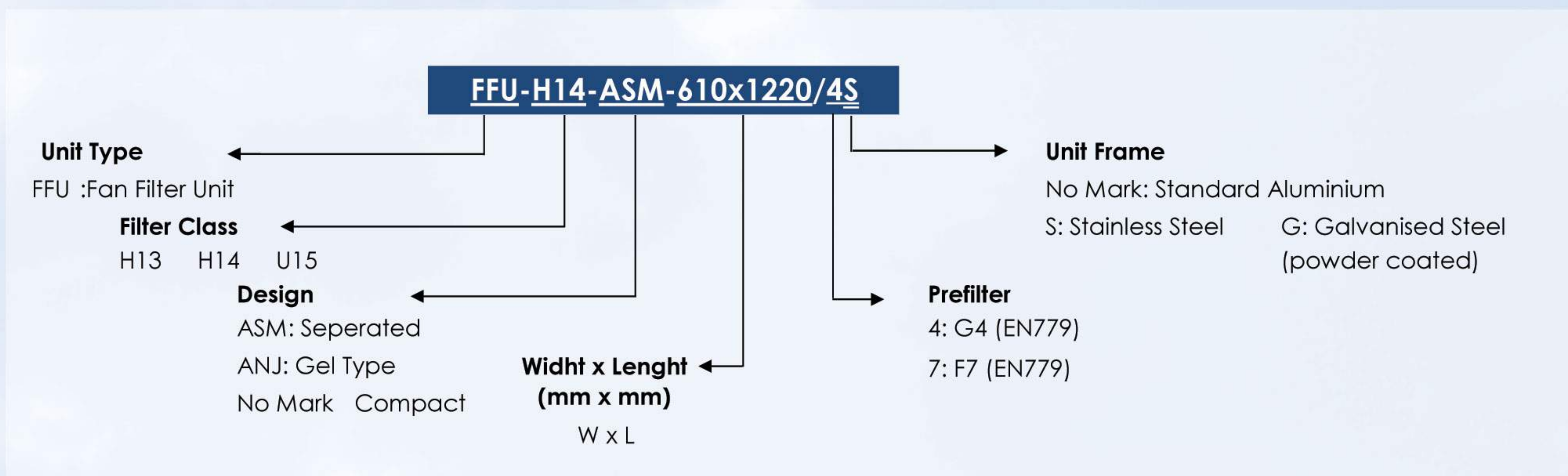
Filter Media; High Quality Glass Fiber
 Design; Compact, Separated and Gel type
 Fan Motor; AC or EC fan options
 Recommended Prefilters; G4, F7 (EN779-2012)

Filter Separators; Hotmelt
 Max. Operating Temperature; 75°C
 Final Pressure Drop; 400 Pa
 Unit Frame Type; Aluminium, Galvanized or Stainless Steel

Applications

Medical technology / Pharmaceuticals / Microelectronics / Nanotechnology / Micromechanics / Bio-engineering and Genetic engineering / Laboratories / Pharmaceutical Industry / Automotive Industry / Food and Beverage Industry and also suitable for all sterile applications.

| Filter Model | Dimensions (mm) | Prefilter (EN779) | Nominal (m³/h) | Filter Initial H14 (Pa) |
|------------------------|-----------------|-------------------|----------------|-------------------------|
| FFU-H14-ASM-610x610/4 | 610x610x360 | G4 | 600 | 125 |
| FFU-H14-ASM-610x915/4 | 610x915x360 | G4 | 900 | 125 |
| FFU-H14-ASM-610x1220/4 | 610x1220x360 | G4 | 1200 | 125 |



| Unit Model | Separated | Gel Type | Compact |
|-----------------------------|-------------|-----------------|-------------|
| Filter | HEPA / ULPA | HEPA / ULPA | HEPA / ULPA |
| Nominal Air Velocity | 0,45 | 0,45 | 0,45 |
| Filter Type | ASM | ANJ, AJ,AMJ,ALJ | Special |
| Motor Type | AC / EC | AC / EC | AC / EC |
| Differential Pressure Gauge | Optional | Optional | Optional |
| Variable Speed Controller | Optional | Optional | Optional |
| Recommended Prefilters | G4 / F7 | G4 / F7 | G4 / F7 |
| Filter Replacement Side | Ceiling | Room | Ceiling |

| FFU-H14-ASM-610x610/4 | | |
|-----------------------|--------------|---------|
| Unit Model | Fan Filter | FFU |
| Filter Class | H14 (EN1822) | H14 |
| Design | Separated | ASM |
| Filter Dimensions | WxH (mm) | 610x610 |
| Prefilter | G4 | 4 |
| Unit Frame | Aluminium | No Mark |



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