



ADVANTAGES

- Tightness in terms of immediate and lasting joint
- Conformity to the standard NFS-90 351 in areas at risk 3 and 4
- New modular design
- More secure assembly

Application

Modular filtration ceiling with a unidirectional flow for operating theaters design

Comment

Construction: Modular, with each module assembled and sealed in the factory and consisting of:

1 plenum part made of carbon steel

1 airtight, continuously welded platform with a thickness of 1.5mm

Assembly: The modules are simply bolted together on site. Airtight joints are created mechanically between the modules

Protection: Oven-baked, RAL 9010 epoxy with primer coating both inside and out

Test connector: 1 test connector accessible from the operating theater to measure the loss of pressure and to take Test Aerosol samples

Fitting the filters: From the operating theaters the filters can be quickly clamped in place with a compression limiter using captive, pre-positioned tabs.

Cassing airtight at 450 Pa: Class B of EN 1886:1998, Class L1 (M) of PR EN 1886:2003, Class C of PR EN 12237:2003

Joints airtight at 450Pa: Maximum local penetration <math> < 10^{-4}</math> (0.01%) in accordance with ISO EN14644-3

Finish: 2 types of finish:

Screenetek : set of clip-on frame units with screens made of monofilament polyester fabric

Protek: set of clip on frame units with screens made of perforated steel sheet