



ADVANTAGES

- Tightness in terms of immediate and lasting joint
- New modular design
- Conformity to the standard NFS-90 351 in areas at risk 3 and 4
- 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 < 10-4 (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