

Client Benefits

- Designed and tested for use in flexible stud wall system
- Incorporating an air transfer fire/smoke resistant shutter
- SteriTouch® antimicrobial protection as standard.
- Quiet day-to-day operation.
- Compact design

The Air Transfer Grille – Fire/Smoke Shutter (ATG-FSS) has been added to the Apreco range following feedback from the healthcare market for the need for a fully tested product that can allow the transfer of air through the facility, with the ability to be closed in the event of a fire. The need to protect patients and staff in the event of a fire is of paramount importance, our ATG-FSS with its sleek compact design has been well received from Clients, Designers and Infection Control personnel.

The design philosophy behind the ATG-FSS is based on the APSX®-FSS-123 which was developed following consultation with M&E consultants and contractors with the assistance of WarringtonFire; world renowned experts in the testing fire/smoke are rated products for the construction industry.

We looked at the current testing approach to fire damper/shutter products and concluded that they are generally covered by BS EN 1366-2:2015 which relates to the ability of a fire damper to prevent fire and smoke spreading from one compartment to another through the air ductwork systems.

An air transfer device (grille) is invariably located with a 30- or 60-minute fire rated wall in a Healthcare setting and not in the air ductwork system. So, to provide a product tested in a manner for the environment it was designed for, we adopted the following test protocols to evaluate the performance of the ATG-FSS following BSEN 1364-5:2017 Fire Resistance Testing. (*WarringtonFire Test 502257*)



Product Data

Items:

Air Transfer Grille and Smoke Fire Shutter tested to BS EN 1364 Part 5 in a stud partition wall for a 60-minute duration.

Actuator:

Mode 6 (230V DC) as standard, Mode 5 (24V DC) optional

Materials:

Zintec frame and enclosure.

Standard Finish:

RAL9010 powder coated white SteriTouch® antimicrobial protection as standard. Alternative colours available on request

United Kingdom patent application no. 2018036.0



Fire Integrity Test installation of ATG-FSS at Element WarringtonFire

Dimensions

