



Air Transfer Grille with fire resistance

Passive air grilles are a simple and cost-effective solution for ventilation between fire compartment walls, without compromising the construction's fire rating.

The FB Air Transfer Grille provides a passive solution that doesn't require detector control or activation and is maintenance-free and cost-effective.

The FB Air Transfer Grille is made of stainless steel and an expanding material that expands when exposed to heat. It is installed in combination with approved decorative covers on the wall.

APPLICATION AREA

- Ventilation through exterior walls
- Residential spaces
- In gable walls
- Storage rooms
- Ventilation of garage facilities
- Indoor fire compartments between offices, utility rooms, etc.
- In the fire compartment in the attic for ventilation from gable wall to gable wall.

PRODUCT SPECIFICATION

Size

150x150mm, 200x200mm,
500x100mm, 500x150mm,
600x600mm
Custom sizes available upon request

Fire rating

EI30, EI60 and EI90

Tested according to

NS-EN 1364-5:2017

Product documentation from RISE Fire Research

RISEFR 030-0311

Materials

AISI 304
PALUSOL

Approved covers

Flexit louver cover in steel
Flexit flap cover
OVA cover from Trox Auranor
RIA cover from Trox Auranor

Air Transfer Grille

Technical Datasheet

MAINTENANCE

The FB Air transfer Grille contains no moving parts and doesn't require special maintenance to ensure functionality in case of fire. It ensures that the perforated steel plates are not clogged with dust, insects, or similar. It is recommended to perform inspection and cleaning at least every five years. Exterior grilles can be cleaned with a damp cloth. The FB Air Transfer Grille can be vacuumed or blown clean with compressed air after removing the decorative cover.

ENVIRONMENT

The product complies with the chemical regulations under Reach. Stainless steel can be recycled as scrap metal. The intumescent material can be disposed of as residual waste.

RESPONSIBILITY

Securo AS's responsibility is limited to delivering products with documented performance. In cases subject to the Planning and Building Act, the entity with responsibility for design must determine ventilation needs and fire resistance.

PRODUCT SPECIFICATION

Airflow in m³/t at pressure drop

Dimension	5Pa	10Pa	15Pa
150 x 150 mm	49	72	89
200 x 200 mm	93	141	179
600 x 600 mm	1 000	1420	1810

Temperature range

-20 ° C to + 45 ° C

Element thickness

40mm – EI 60 & EI 90

Activation temperature

Ca. 100 ° C

