Air Transfer Grille







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 requiredetector 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 installes in combination with approved decorative covers on the wall

APPLICATION AREA

- · Ventilarion through exterior walls
- · Residental 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 SPESIFICATION

Size

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

Fire rating

El30, El60 and El90

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 fromTrox Auranor

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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 preforated steel plates are not clogges 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 Transer 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.

RESPONSIBILTY

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 SPESIFICATION

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

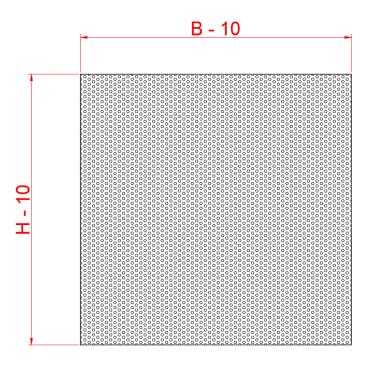
-20 ° C to + 45 ° C

Element thickness

40mm - El 60 & El 90

Activation temperature

Ca. 100 ° C



EI 60 & 90: 40 mm
EI 30: 27 mm