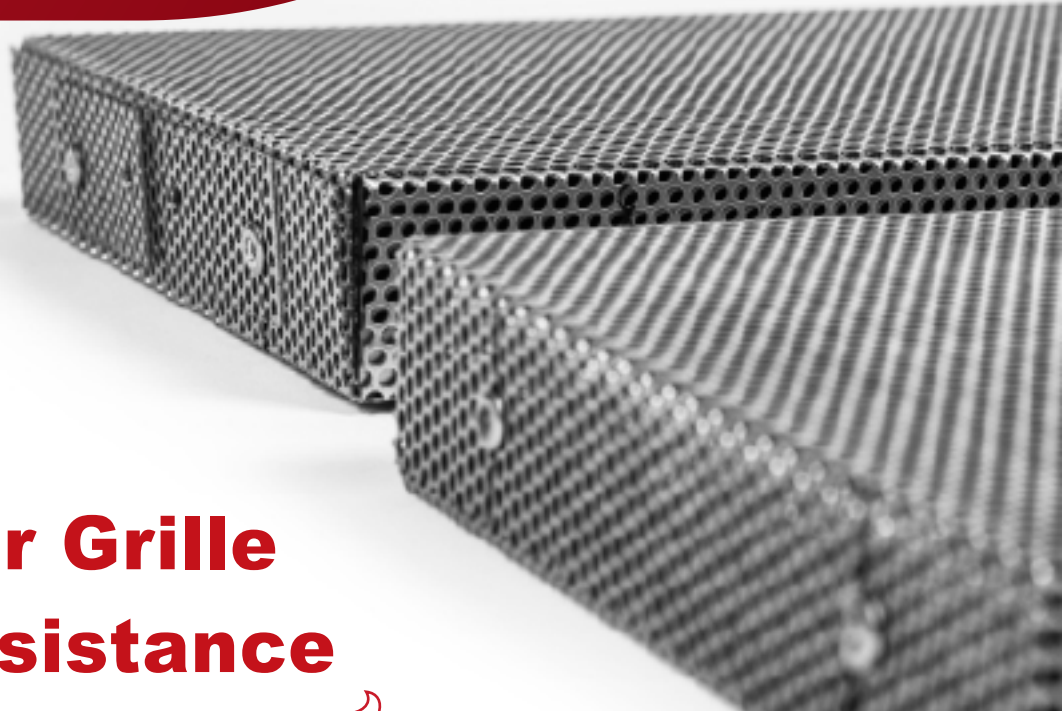


AIR TRANSFER GRILLE

TECHNICAL DATASHEET



Air Transfer Grille with fire resistance

Passive air transfer 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 cost-effective passive solution that doesn't require detector control or activation.

The FB Air Transfer Grille is made of stainless steel and a material that expands when exposed to heat. It is installed in combination with approved louvres 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

STANDARD SIZE ON STOCK

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 LOUVRES

FLEXIT FIXED LOUVRE, STEEL

FLEXIT FLAP VALVE

RIA LOUVRE FROM TROX
AURANOR

OVA GRILLE 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 a 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 louvres.

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

PRODUCT

SPECIFICATION

AIRFLOW IN M3/T AT PRESSURE DROP

DIMENSION	5PA	10PA	15PA
150X150MM	49	72	89
200X200MM	93	141	179
600X600MM	1000	1420	1810

TEMPERATURE RANGE

-20 ° C TO + 45 ° C

ELEMENT THICKNESS

40MM – EI30, EI 60 & EI 90

ACTIVATION TEMPERATURE

CA. 100 ° C

