



Creating healthy spaces

AESTHETIC FIRE-RESISTANT LOUVRE WITH CHEVRON SECTION BLADES

# INCENDO® TYPE 464

- Chevron section blade, sightproof
- Simple and versatile installation
- Aesthetic design and finish
- Large sizes available
- Tested according European test standards



# INCENDO® TYPE 464

## INTRODUCTION

The new RENSON® "464 Incendo®" louvre is an innovative aesthetic fire-resistant louvre with sightproof (no visual see through) chevron section blades (V-blades). This new louvre can be installed in a wooden door panel, flexible wall, massive wall, floor or ceiling.

At normal temperature, the "464 Incendo®" guarantees ventilation between two adjacent rooms. In case of fire (from 100°C) the blades swell and cut off the airflow fulfilling a fire-break function.



## PRODUCT

### Material

- Blades filled with intumescent material
- Outer frame in polystyrene
- Available in RAL7024 (anthracite grey), RAL 9016 (traffic white) and RAL 9022 (pearl light grey), other colours upon request

### Dimensions

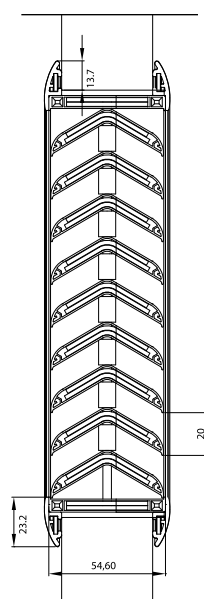
- Maximum dimension: 800 x 400 mm
- Minimum dimensions: 100 x 100 mm
- Models: 464/1 (with frame) – 464/2 (with frame and back-frame)

### Fixing

- With sealant and adhesive neoprene mastic

## APPLICATIONS

- Aesthetic finish, no visible vertical posts
- Tested according European test standards EN1634-1, EN1364-1 and EN1364-2
- Fire resistance EI 60 (integrity and thermal insulation for 1 hour) according to NBN EN13501-2
- Suitable for installation in a wooden door panel, flexible wall, massive wall, floor or ceiling.
- No visual see through
- Avoid contact with water, for indoor use only



## TECHNICAL SPECIFICATIONS

	<b>INCENDO® type 464</b> (EN 13030)
<b>AIRFLOW</b>	
K-factor (supply)	10,27
K-factor (discharge)	10,27
C <sub>e</sub> coefficient	0,312
C <sub>d</sub> coefficient	0,312
<b>TECHNICAL DATA</b>	
Visual free area	61%
Physical free area	51%
<b>FIRE RESISTANCE</b>	(EN 13501-2)
Massive (concrete) wall (100mm)	EI 60/ EW 90 (v <sub>e</sub> i<->o)
Massive (concrete) floor (100mm)	EI 60 (h <sub>o</sub> i<->o)
Flexible wall (metal stud gypsum plasterboard 100mm)	EI 60 (v <sub>e</sub> i<->o)
(wooden) door panel (50mm)	EI 60 / EW 60 (v <sub>e</sub> i<->o)
(wooden) door panel (40mm)	EI 30 / EW 30 (v <sub>e</sub> i<->o)

- v<sub>e</sub>(rtical) = ventilation grille directly installed in wall/door panel
- h<sub>o</sub>(rizontal) = ventilation grille with build-in frame installed in floor/ceiling
- i(inside) <-> o(utside) = results apply for both directions

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