



# Ecofeu 110 SCE

## Data Sheet

Smoke vents for stairwells  
electrically, pneumatically or mechanically-operated



Daylighting Solutions  
Natural Ventilation Solutions  
Smoke Management Solutions  
Service & Maintenance  
Building Automation



# Kingspan Ecofeu 110 SCE

## Description

The Ecofeu 110 SCE is a Smoke and Heat Exhaust Vent (SHEV) for stairwells. This natural smoke exhaust vent is CE certified according to EN 12101-2 and NF-certified according to NF S 61937. With a 110° opening, it is intended for installation in waterproofed roofs. 3 possible operating options: Mechanical, Pneumatic or Electric.



Ideal for stairwells  
1m<sup>2</sup> of free ventilation space.

## Advantages

- Ready-to-install solution with all the "stairwell" functions: smoke ventilation, roof access, and control system kit.
- 1 m<sup>2</sup> of free area and geometric surface.
- Permanent stock.
- 3 operating options: mechanical, pneumatic or electric.

## Standard description

Natural smoke exhaust from the stairwell will be performed by an Ecofeu 110 SCE smoke vent from Kingspan Light + Air, with a CE marking in compliance with standard NF EN 12101-2, and in conformity with the machine directive, with free ventilation space in the bottom part of 1 m<sup>2</sup>.

Performance categories meeting requirements of French legislation. Galvanised straight steel kerb, 350 mm high, insulated, frame opening 110°, opalescent lid, fire rating B-s1,d0 (M1) and thermofuse rated at 93°C.



## Description

### The lid

Multi-wall polycarbonate (MWPC) opalescent lid 10 mm (standard version) or 16 mm thick (ISO+ version). It is integrated into an aluminium F frame. Fire rating: B-s1,d0 (M1). Option for different types of glazing. Opening to 110°.

### Offset mechanism

Depending on the chosen operating system, a pneumatic drive (PN), a gas spring (TC) or a 24V - 2.6A electric drive (EL). Access to the roof is facilitated by the offset mechanism.

### The anti-burglary, anti-fall through opening grid

The Anti-Burglary and anti-fall through opening grid provides 1200 Joule resistance.

### Steel kerb

The straight kerb is made from galvanised sheet steel. Its standard height is 350mm. For other heights, contact us. Thermal insulation is provided by a 15 mm thick rock-wool insulation.

## iSO+ range

The ISO+ reinforced insulation range limits heat loss: 30% gain compared to a standard fixture.

Available in upstand version for renovation



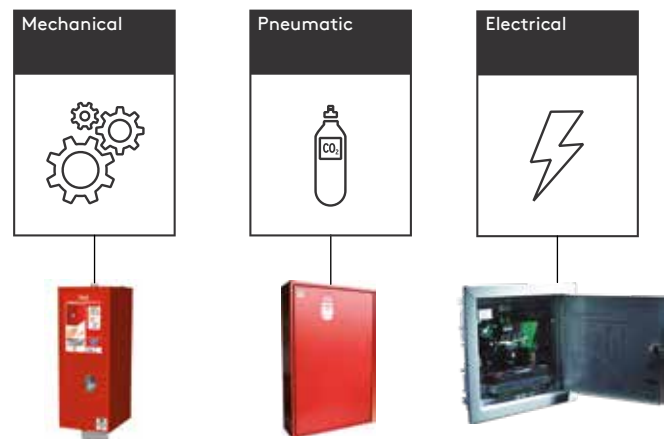
Dimension	Free area	Kerb height	Urc (W/m².K) in ISO+
100 X 100 cm	1 m²	350 mm	2.0
100 X 100 cm	1 m²	400 mm	1.9

## Available options

- Opening grid.
- Handrail.
- Ladder fixing bar.



## Operating system



For the choice of the appropriate operating system, according to the applicable regulation, please ask your Sales Representative.

## Certifications



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## INTERNATIONAL

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For the product offering in other markets please contact your local sales representative or visit [www.kingspanlightandairinternational.com](http://www.kingspanlightandairinternational.com)

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