



Opensky Natural Ventilator

Width Min. 500mm / Max. 2000mm

Length Min. 870mm / Max. 3470mm

Opensky Natural Ventilator

The Roof Opensky is an attractive, economical low profile louvred ventilator which has been specifically designed for both smoke and heat exhaust and natural ventilation applications.

Material and Finish

1.5mm press formed aluminium. Mill finish aluminium or powder coated to RAL colour.

Louvre Blade Options

The Roof Opensky can be supplied with both insulated louvre blades and an insulated body to assist in ensuring the building is adequately insulated.

Blade pivots are 6.0mm diameter solid aluminium bearings in shrouded nylon66 brushes for maintenance free operation.

Louvre Specification	U-Value W/m ² K
Single skin aluminium(1.5mm)	6.00
Insulated blades (25mm PIR)	0.66
Polycarbonate blades (2mm translucent)	1.75

Control Options

The louvre blades can be released by thermal link or one of the options listed below. The relevant test standard for each option is provided.

Control Options	Tested to
Electric 24v Drive Open/Drive Close	EN12101-2
Electric 230v Drive Open/Drive Close	BS7346
Electric 24v & 230v Spring Return	BS7346
Pneumatic Air To Open	EN12101-2
Pneumatic Air To Close	EN12101-2
Manual	BS7346

Benefits

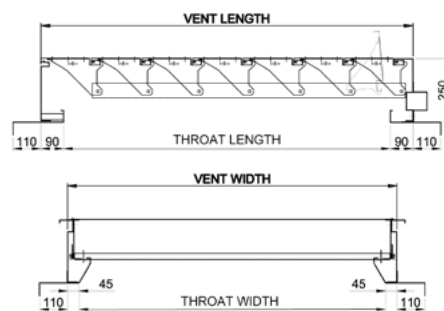
- Low cost installation providing high level of natural ventilation
- No cost to operate
- Low ongoing maintenance cost
- Efficient natural smoke ventilation

Installation

Opensky is suitable for fixing in a wide variety of applications. The ventilator is supplied in two parts to facilitate easy installation on site, the base assembly and louvre box assembly. The base types and applications are as follows:

- Turndown Base - mounting onto weathered roof upstand
- Flat Base - mounting directly onto roof sheeting
- Glazing Base - integrating into glazing systems

The Roof Opensky can also be supplied with a hinged base for use as an access hatch.



Turn Down Base Detail

Test	Class
SN - Pneumatic	SL-500
SN - Electric	SL-125
Win Lload	WL-1500
Temp (low)	T (-5°C)
Temp (high)	B-300
Reliability	RE-1000

Testing

The roof Opensky has been tested to BS EN 12101 – Part 2: Specification for natural and heat exhaust ventilators. When closed the ventilator is weatherproof and is tested to BS 5368 Parts 1 & 2.



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