

# EV-AOV-HV Hatch Vents.

EV-AOV-HV

A low profile hatch vent that can be installed onto flat or sloping roofs providing both ventilation and access.



## KEY INFO / SPECIFICATIONS

	1.0m <sup>2</sup>	1.5m <sup>2</sup>
Nominal Current	Polycarbonate lid - 1.6A Solid panel lid - 2.0A	Polycarbonate lid - 2.0A Solid panel lid - 2.6A
Nominal Voltage	24 V DC (- 15 % / + 25 %)	24 V DC (- 15 % / + 25 %)
U Value	Solid panel lid - 1.35W/m <sup>2</sup> K Polycarbonate lid - 2.5W/m <sup>2</sup> K	Solid panel lid - 1.35W/m <sup>2</sup> K Polycarbonate lid - 2.5W/m <sup>2</sup> K
Wind load	WL 1500	WL 1500
Finish	External and internal both mill finish	External and internal both mill finish
Casing / Material	2.0mm aluminium	2.0mm aluminium
Geometric Free Area	1.0m <sup>2</sup>	1.5m <sup>2</sup>
Internal Dimensions	L:1100mm x W: 1100mm	L:1600mm x W: 1100mm
Weight	70Kg Approximately	85Kg Approximately

### CONFORMITY

Certified to EN 12101-2 and provides discharge of smoke and fumes with an opening angle of 140 degrees.

### PACKAGED

Delivered as an assembled unit, with a choice of lid. Either a solid 40mm sandwich panel or a 10mm polycarbonate translucent panel.

### QUALITY

300mm high insulated base, constructed from 1.25mm galvanised steel with a 20mm mineral wool infill.

### MANUFACTURER

Mercor

### CONFORMITY

Certified to EN 12101-2

### SUITABLE FOR:



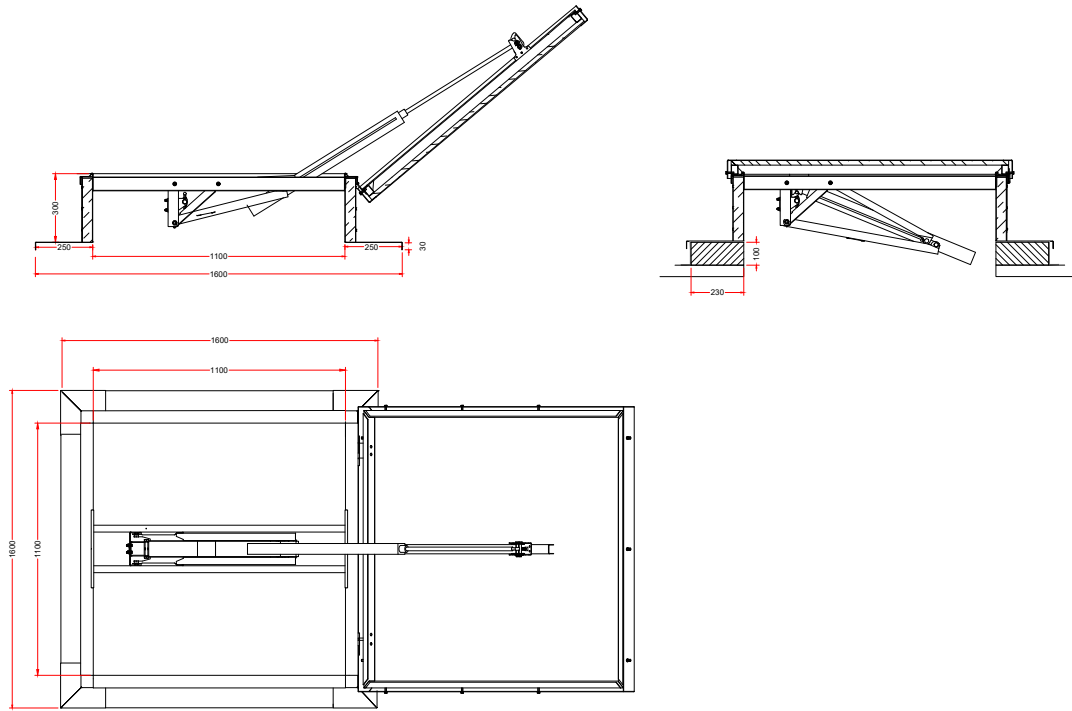
NATURAL VENTILATION



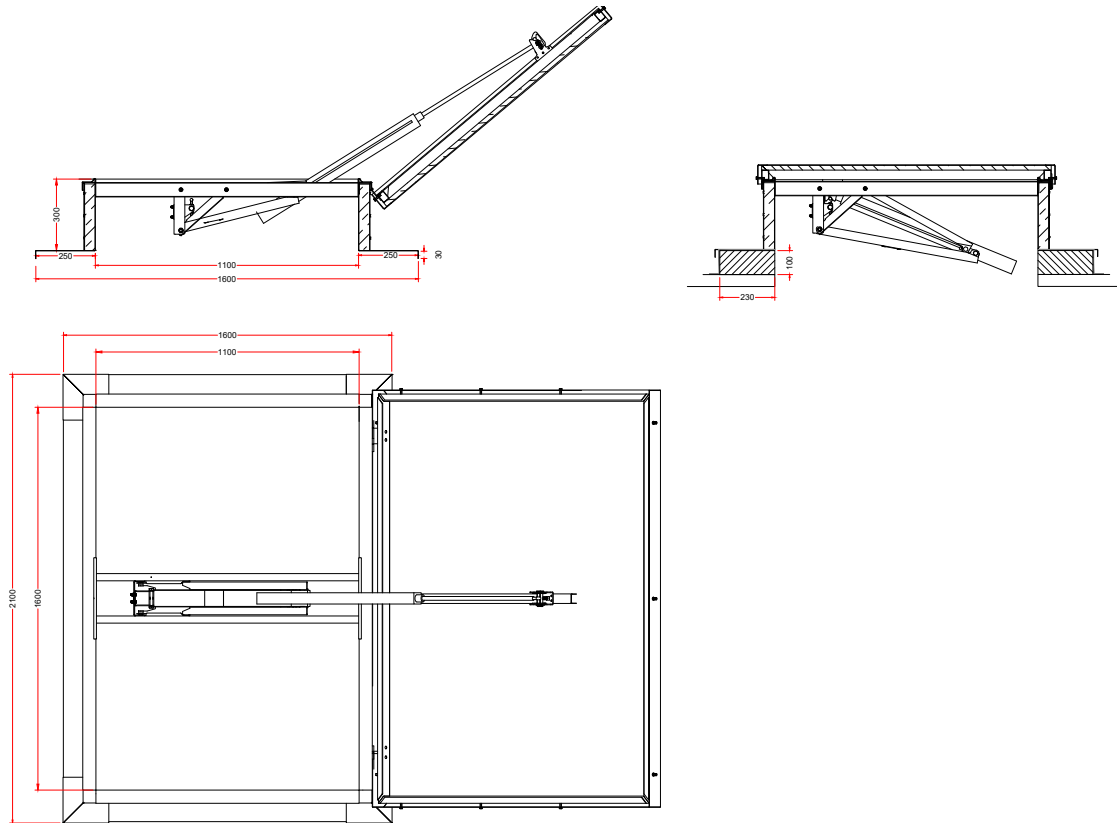
SMOKE CONTROL

● TECHNICAL DRAWINGS

1.0m<sup>2</sup> geometric free area



1.5m<sup>2</sup> geometric free area



## VARIATIONS

### EV-AOV-HV Hatch Vents

EV-AOV-HV1.0-AL	1.0m2 EN12101-2 Hatch AOV - Solid panel
EV-AOV-HV1.0-PC	1.0m2 EN12101-2 Hatch AOV - Translucent panel
EV-AOV-HV1.5-AL	1.5m2 EN12101-2 Hatch AOV - Solid panel
EV-AOV-HV1.5-PC	1.5m2 EN12101-2 Hatch AOV - Translucent panel

**ATTENTION:** Under the Construction Products Regulations (CPR) it is a legal requirement to use only certified products for smoke ventilation. It is the responsibility of the installer to ensure installations meet the relevant standards.

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