

EV-AOV-HV Hatch Vent.

EV-AOV-HV

A low profile hatch vent that can be installed onto a roof curb providing smoke ventilation to the head of stair or the head of a smoke shaft.



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 20mm 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.

INSTALLATION

Can be installed onto flat or sloping roofs.

MANUFACTURER

Mercor

KEY INFO / SPECIFICATIONS

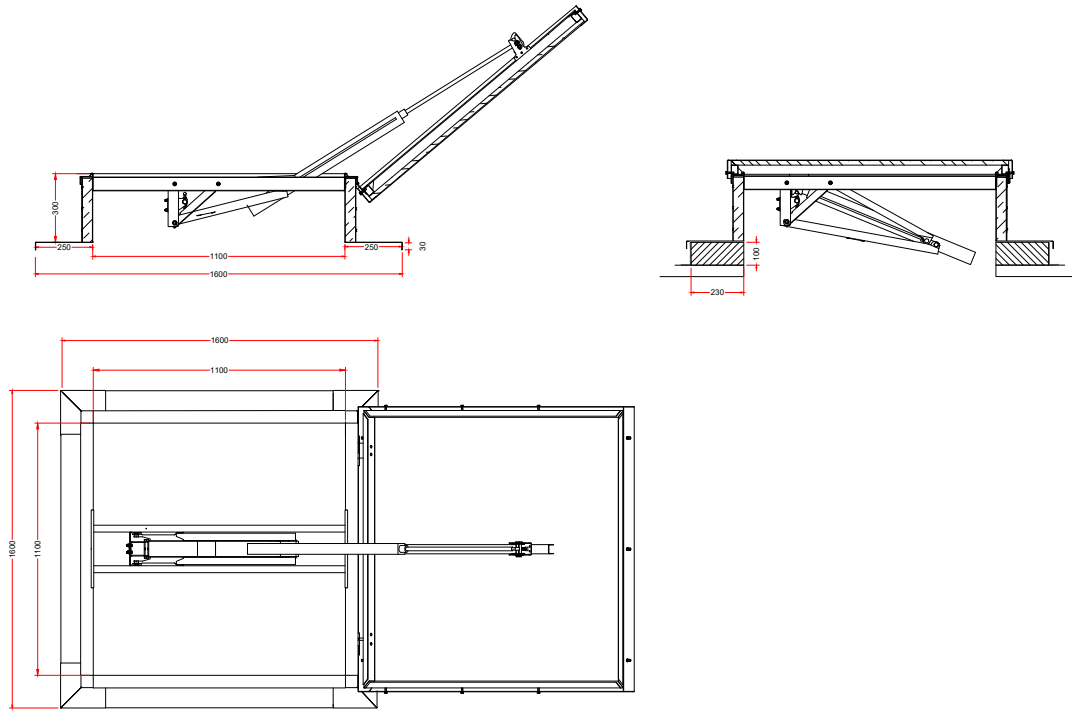
	1.0m ²	1.5m ²
Aerodynamic Free Area	0.74m ²	1.02m ²
Casing / Material	2.0mm aluminium	2.0mm aluminium
Finish	External and internal both mill finish	External and internal both mill finish
Geometric Free Area	1.0m ²	1.5m ²
Internal Dimensions	L:1100mm x W: 1100mm	L:1600mm x W: 1100mm
Nominal Current	Polycarbonate 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 - 2.9W/m ² K Polycarbonate lid - 2.9W/m ² K	Solid panel lid - 2.9W/m ² K Polycarbonate lid - 2.8W/m ² K
Weight	70kg approximately	85kg approximately
Wind load	WL 1500	WL 1500

SUITABLE FOR:

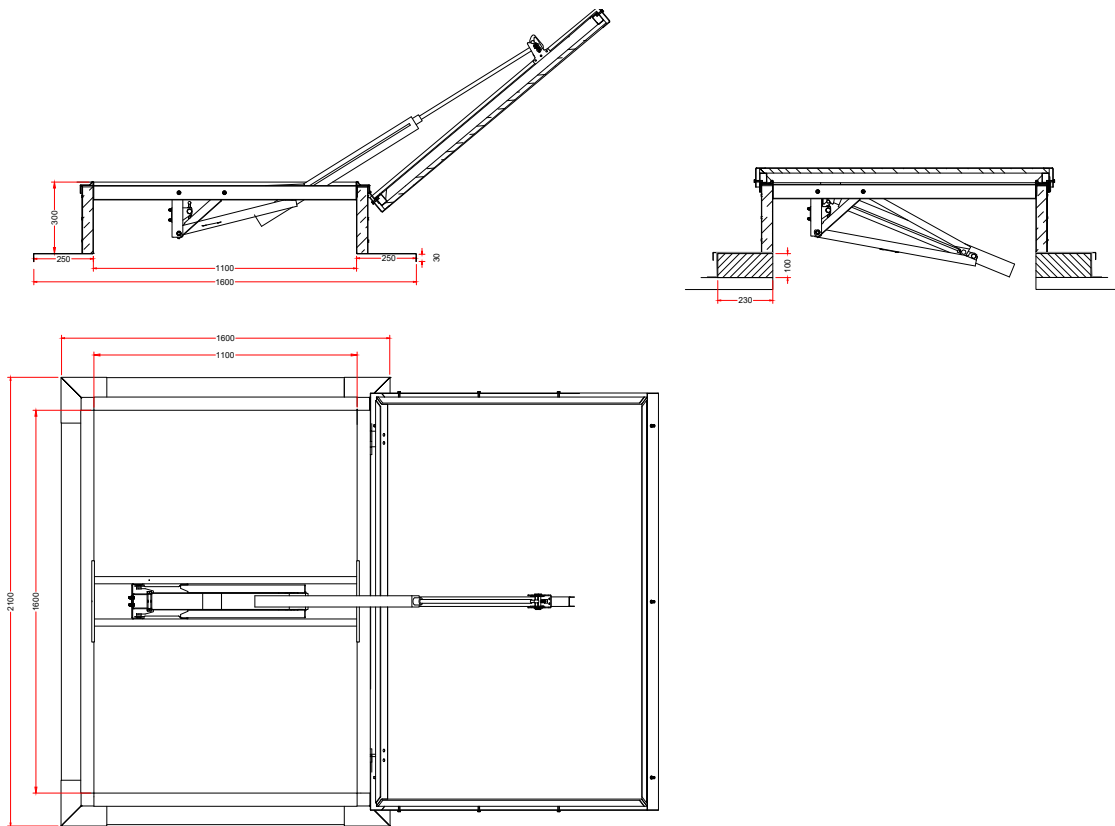


● TECHNICAL DRAWINGS

1.0m² geometric free area



1.5m² geometric free area



VARIATIONS

EV-AOV-HV HATCH VENT

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