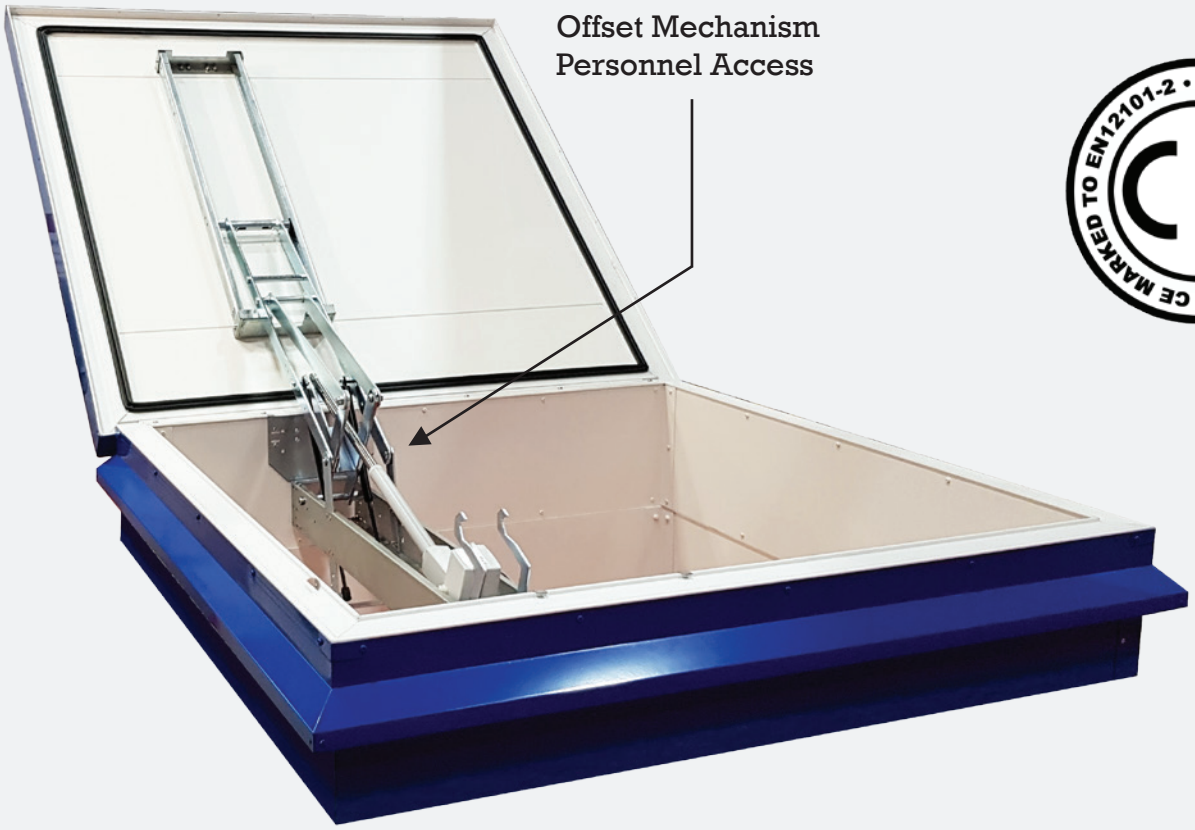
Smoke Vent SRHPAOV

Thermally Broken Solid top Smoke Vent with roof access and comfort ventilation

50mm Thermal Break Solid Top Or Dome Smoke Vent



CE MARKED TO EN12101-2 • CE MARKED TO EN12101-2 •

EN12101-2 Performance*

Reliability 1,000 + 10,000 Comfort

Snow Load SL500

Low Ambient Temp T (-15°)

Wind Load WL1500

Resistance to heat B300

* SRHP/AOV Only, other models may differ.

Stock Sizes

SRHP/AOV

Stock - 1050 x 1050, 1260 x 1260

Bespoke Sizes

SRHE/AOV

Bespoke Sizes 920 x 920 up to 1800 x 3000.

SRHGE/AOV Aluminium Glazed

Bespoke Up To 1400 x 3000.

SD.AOV Polycarbonate Dome

Bespoke 900 x 900 Up to 1500 x 2500.

Insulation Options

50mm 0.43 W/m²K Polyisocyanurate Insulation

50mm 0.63 W/m²K Non-combustible Mineral Wool

Leamore Close, Leamore Enterprise Park
Walsall, West Midlands, WS2 7NL
United Kingdom

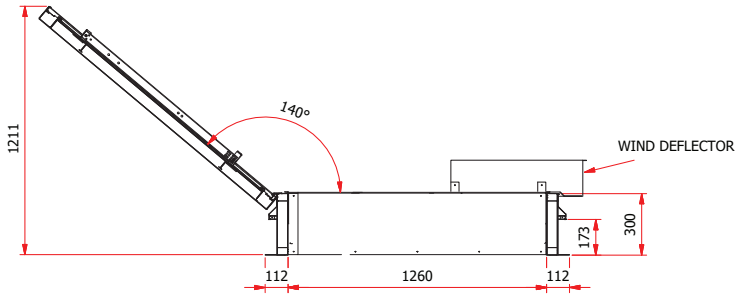
Contact us:
sales@surespancovers.com
01922 711185

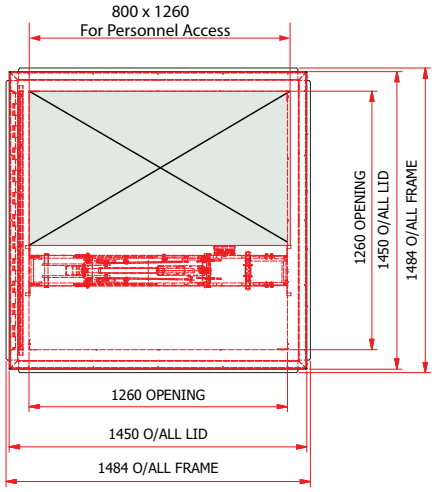
SURESPAN

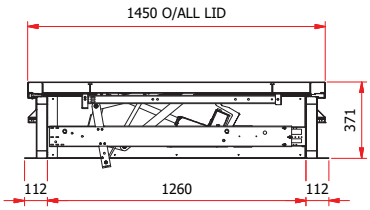
Surespan Ltd RF REV 3 05/18

Smoke Vent SRHPAOV

Details & Overview







GUIDE SPECIFICATION

- **Material:** Aluminium with 50mm thermal break.
- **Cover:** 50mm (2") fully insulated kerb and lid, corner welded and reinforced. Aluminium wind deflectors.
- **Curb:** 300mm (12") in height with external curb liner, 50mm thermal break and 50mm non-combustible mineral wool insulation offering a U-Value of 0.43 W/m²K U-value. Alternative 50mm polyisocyanurate insulation to 0.43 W/m²K U-value.
- **Seal:** Double unbroken bubble & blade seal to lid
- **Operation:** 24VDC/4A Actuator tested 10,000 opening and 1,000 comfort ventilation according to EN12101-2.
- **Hinges:** Heavy duty continuous hidden hinge
- **Finish:** Mill finish aluminium, single or two colour powder coating optional

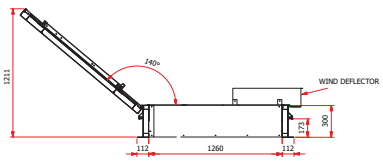
STOCK SIZES

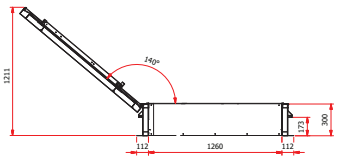
- 1050 x 1050
- 1260 x 1260

Bespoke Sizes from 900 x 900

Up to 1260 x 1260

Performance to EN12101-2	Test Results
Free Aerodynamic Area	1.0m²
Reliability	RE 1000 (10,000 Comfort Ventilation)
Snow Load	SL 500
Low Ambient Temp	T (-15°)
Wind Load	WL 1500
Resistance to heat	B300





Size - Structural Opening	EN12101-2 Free Airflow Aerodynamic Area (Wind Deflectors)	Approved Document B Geometric Area (Without Deflectors)
1050 x 1050 With Curb Liner	0.69m²	1.03m²
1260 x 1260 With Curb Liner	1.05m²	1.52m²

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SURESPAN

Smoke Vent SRHPAOV

Details & Overview

Smoke ventilator for roof access and smoke ventilation.

Surespan SRHP/AOV 140° thermally broken aluminium smoke ventilator and roof hatch designed to EN12101-2. The AOV also offers push button comfort ventilation. The lid and upstand features a 50mm thermally broken section and fully insulated with 50mm non-combustible Mineral Wool insulation.

Manufacturer: Surespan Ltd. Leamore Close, Walsall, WS2 7NL.
Web: www.surespancovers.com. Tel: +44 (0)1922 711185. Product reference: SRHP/AOV

Type
[Solid Aluminium Lid]
[Polycarbonate Dome Lid]

Sizes
[920 x 920]
[1050 x 1050]
[1200 x 1200]
[1260 x 1260]
[1300 x 1300]
[-] - Bespoke size between 920 x 920 and 1300 x 1300

Material:
[Aluminium]. - Mill finish as standard.

Upstand:
[300 mm thermally broken and insulated]. - Standard.

Operation:
24VDC/4A Actuator
24VDC Control Panel with 72 hour battery back up
Max total load 8A / 24A / 30A / 32A
48VDC Also Available.

Colour/ Finish:
Internal:
[Polyester powder coating]. - Any RAL colour, insert requirements.
- External:
[Polyester powder coating]. - Any RAL colour, insert requirements.

Insulation Options:
[50 mm Non-Combustible mineral wool insulation (0.63 W/m²K)].
[50 mm polyisocyanurate insulation (0.43 W/m²K)].

Controls:
[24v Control Centre]
[Fireman's switch]
[Key switch]
[Push button]
[Smoke detector]