



Smoke Vent Dome Skylight SRHP/AOV

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Detailed description

Thermally broken aluminium smoke ventilator and roof hatch designed to BS EN 12101-2. The AOV also offers push-button comfort ventilation. The lid and upstand feature a 50-mm thermally broken section, which is fully insulated with 50 mm-thick CFC- and HCFC-free polyisocyanurate or non-combustible mineral wool insulation.

Performance (to BS EN 12101-2):

- Free aerodynamic area: 1.0 m².
- Reliability: RE 1000 (10 000 comfort ventilation).
- Snow load: SL 500.
- Low ambient temp: T (-15°).
- Wind load: WL 1500.
- Resistance to heat: B300.

Product guidance - As Standard

Material:

Aluminium with 50-mm thermal break.

Cover:

50 mm-thick fully insulated kerb and lid, corner-welded and reinforced.
Aluminium wind deflectors.

Curb:

300 mm in height with external curb-liner, 50-mm thermal break and 50 mm-thick insulation.

Seal:

Double unbroken bubble and blade seal to lid.

Hinges:

Heavy-duty continuous hidden hinge.

Product specification

Manufacturer

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Product reference	SRHP/AOV 140°
Type	Polycarbonate dome lid Solid aluminium lid
Size	1050 x 1050 mm - 0.69 m ² aerodynamic area. 1260 x 1260 mm - 1 m ² aerodynamic area. Special order - Insert requirements, available 900–1260 x 900–1260 mm.
Colour/ Finish	
- Internal	Mill - Standard. Polyester powder-coated - Insert RAL colour insert requirement.
- External	Mill - Standard. Polyester powder-coated - Insert RAL colour insert requirement.
Insulation	50 mm-thick polyisocyanurate insulation - 0.43 W/m ² K. 50 mm-thick non-combustible mineral wool insulation - 0.63 W/m ² K.
Operation	24 V DC actuator 24 V DC control panel with 72-hour battery backup 48 V DC actuator 48 V DC control panel with 72-hour battery backup
Controls	24 V control centre Fireman's switch Key switch Push button Smoke detector