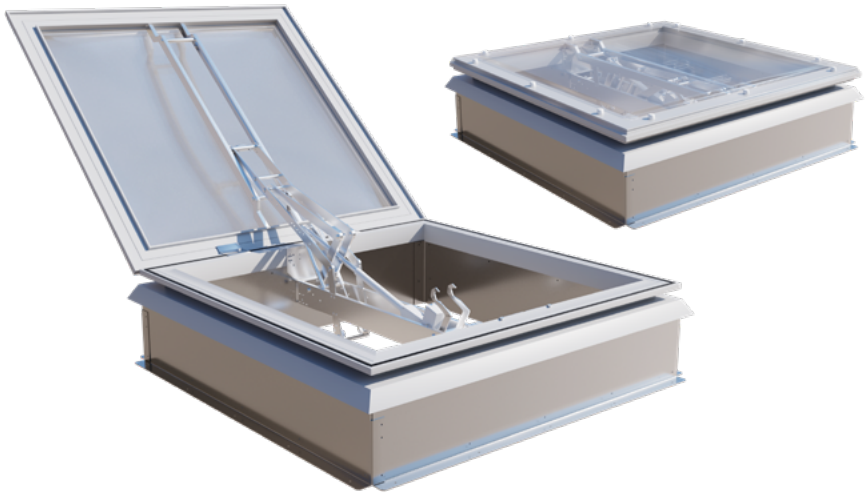
SDP-MD-50 SMOKE VENT DATA SHEET

Polycarbonate Dome AOV



Features

- CE Marked to EN12101-2
- Thermally Broken
- Daily ventilation and access
- 200mm Insulated upstand
- Set sizes from 900 x 900mm to 1650 x 1650mm
- Can be installed up to 15° Pitch

MADE IN THE UK

Performance Examples (Approved Document B & EN12101-2)

SDP-MD-AOV (Standard Size: 1050 x 1050):
Free Area 1.01m²
Aerodynamic Area (With Wind Deflectors): 0.67m²

SDP-MD-AOV (Standard Size: 1350 x 1350):
Free Area: 1.72m²
Aerodynamic Area (With Wind Deflectors): 1.09m²

Standard Specification

Material

Triple layer polycarbonate dome lid.
Aluminium sheet grade 1050
Aluminium upstand grade 6063T6

Cover

Triple layer impact resistant polycarbonate dome lid, with a U-value from 1.65w/m²K.

Upstand

300mm combined height with external curb liner, thermal break and 50mm mineral wool insulation to 0.63 W/m²K U-value.
Alternative 50mm polyisocyanurate insulation at no extra cost (0.43 W/m²K).

Seal

Double unbroken bubble seals

Operation

24V DC/4A Actuator tested 10,000 opening and 1,000 comfort ventilation according tested to EN12101-2.

Controls

24V control centre
Fireman's switch
Key switch
Push button
Smoke detector

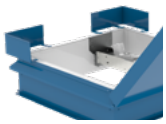
Finish

Mill finish aluminium
PVC-u curb and hinge frames are finished in gloss white
Powder coating optional extra to upstand only

Options

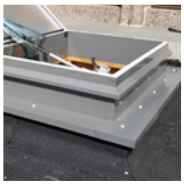
Free of Charge:

50mm Polyisocyanurate insulation



Wind Deflectors
Improved Airflow

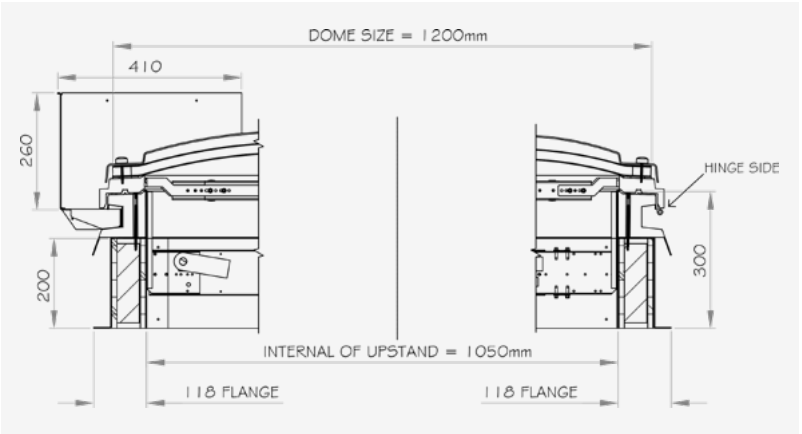
Cap & Flashing



Other Options:

- Clear, Opal or Patterned (Diffused) layers
- Single or twin polyester powder coating
- Dome or Pyramid

Example Drawing



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