

SOLID TOP AUTOMATIC OPENING SRHE/AOV

Thermally Broken Solid Top Smoke Vent



Optional External Curb to suit weathered upstand

SRHE/AOV OVERVIEW

Our 140° AOV ventilators are operated by a 24v DC actuator, the lid is filled with 50mm of CFC and HCFC free insulation.

All our standard 140° AOV ventilators are manufactured to meet the requirements of Building Regulations, Approved Document B, BS9999 and EN12101-2 and are supplied CE marked.

Single actuator 1050x1050mm to 2000x1200mm structural opening solid top or glazed.

Double actuator up to 3000x1800mm solid top only.

Double actuator up to 3000x1400mm glazed top only.

STANDARD FEATURES

- > Sizes up to 3000 x 1800mm
- > CE Marked to EN12101-2
- > Can be wired direct into the BMS or FAS System
- > Open to 140 degrees in less than 60 seconds
- > 50mm of CFC and HCFC free insulation
- > Double unbroken seals

DECLARED PERFORMANCE**DECLARED PERFORMANCE FOLLOWING TESTS AT NOTIFIED BODY**

EN12101-2 ANNEX C - RE50

EN12101-2 ANNEX D - SL500

EN12101-2 ANNEX F - WL1500 (1050)

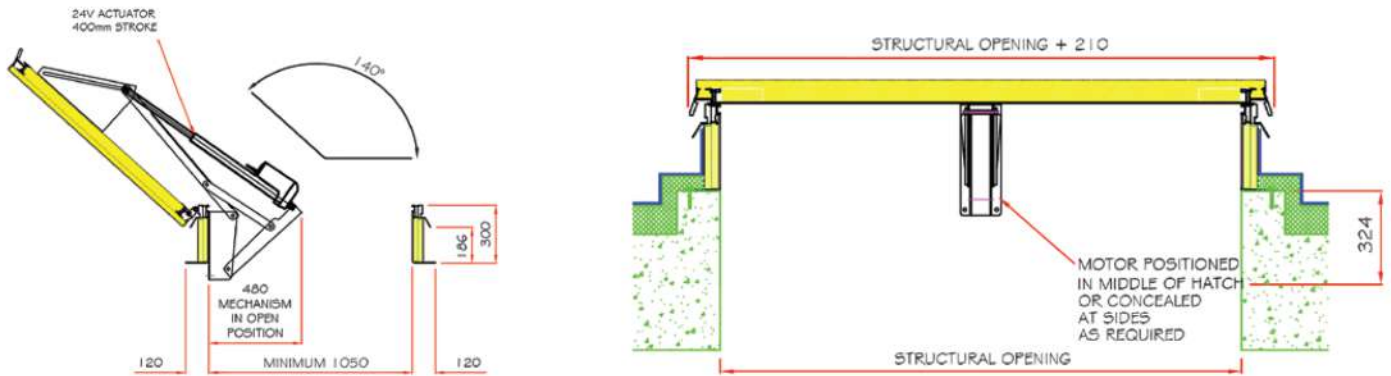
EN12101-2 ANNEX G - B300

FREE SMOKE VENT AREA ACCORDING TO APPROVED DOCUMENT B (FIRE SAFETY) PARAGRAPH 5B DIAGRAM C.7



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**MATERIAL**

Aluminium with thermally broken lid, frame and upstand.

COVER

Lids are supported by heavy-duty stainless steel axel pins and feature an integral 'wrap over' edge, incorporating double unbroken seals.

COVER INSULATION

For solid top version 50mm of insulation to lid, elsewhere 50mm of insulation to upstand.

GLAZED VERSION

The 35.5mm sealed double glazed unit will comprise Pilkington 6mm toughened K polished all round outer pane, 20mm Warm Edge silver spacer Bar argon filled, Pilkington 9.5mm toughened & laminated inner pane. This sealed glazed unit has a vertical centre pane U-Value of 1.5 W/m²K.

LOCKING

Electromagnetic Locking.

UPSTAND

300mm in height as standard. The upstand has a purpose made flashing to accept the roof membrane (supplied by others and fitted under manufacturers instructions) flush to exterior insulation. Also available with thermally broken extruded sections.

OPERATION

140 degree opening by heavy duty 24v DC actuator

FINISH

The unit comes self colour as standard or can be provided polyester powder coated to any standard stocked RAL colour as an additional option.

OPTIONS

Concealed Actuator
Emergency battery back up
Wind Deflectors

Rain & Wind Sensors
Can be used as access hatch with actuators to side