

# SZAOV<sup>®</sup>

## SINGLE ZONE AUTOMATIC OPENING VENT CONTROL PANEL



- Single zone Conventional or Twin Wire detection zones
- Vent status indications & controls
- Vent control switch inputs (open/close)
- Fireman's control switch inputs for ON/OFF/AUTO
- 3A integral PSU
- False alarm mode
- Disable & test modes
- Rain sensor input (via add on PCB)
- PIR sensor input (via add on PCB)
- Vent positional control input (via add on PCB)

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# SZAOV<sup>®</sup>

The SZAOV has been developed to provide a comprehensive and flexible solution to smoke vent control scenarios. Purpose designed single detection zone automatic opening vent control panel to use with vents, windows and roof lights. Developed using the same detection circuit technology as our EN54 approved fire control panels and all vent controls and indications are on the front of the panel. Integral 3 amp PSU. Additional inputs and outputs for PIR, Rain Sensor and BMS connections are available via a simple plug in PCB.

## Flexible

- Twin Wire Mode allows AV devices to be connected to the detection circuit
- Fireman's control switch inputs, ON/OFF/AUTO
- Vent control switch inputs, open/close
- Ability to interlink control panels for multiple detection zones
- Integrate with fire alarm panel via non-latching input
- Connection to building management systems (BMS)
- 3 amp PSU

## Intuitive

- All vent controls and indications are on the front of the panel
- Clear and simple user controls
- Controlled operator access via key switch or code entry
- Effortless installation with plenty of room inside for cables and batteries
- Climate control, can be connected to thermostat to open vents
- Rain sensor input to close vents
- PIR input for trap protection

## Assured

- CE Certified
- Developed using same detection circuit technology as EN54 approved fire panels
- Manufactured in the UK
- Quality assured with Haes unique triple testing process
- False alarm management mode reduces time and cost of call outs
- Internal switch mode PSU ensures stability when loads are applied
- Battery backup; PSU for standby batteries

## Programming Features

- Twin Wire mode
- Non latching inputs
- False alarm management mode
- Set vent motor run time
- Set keypad entry code



### Order Codes

SZAOV-1001	1 zone, non extendable control panel, 3A PSU
MZAOV-3002	PIR, Rain Sensor, BMS add on PCB

### Technical Specifications

No of zones	1
Cabinet size	317 mm W x 309mm H x 80mm D
Battery capacity	2 x 7Ah 12v SLA
Actuator output	2.5A reversal actuator output
Inrush current	20A for an interval of 2 seconds
Aux output	28v maintained magnetic vent output, switches off to release magnet in the alarm condition. Max 1A @ 28vdc. This output can be inverted to provide 28v in alarm condition for powering sounders etc.



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