HAES

AOV ®

AUTOMATIC OPENING VENT CONTROL PANELS

- Conventional or Twin Wire detection zone

- Vent status indications & controls

- Vent control switch inputs (open/close)

- Fireman's control switch inputs for ON/OFF/AUTO

- 3, 5 or 10A integral PSU

- False alarm mode

- Disable & test modes

- Rain sensor input (high spec version)

- PIR sensor input (high spec version)

- Vent positional control input (high spec version)

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AOV®

The AOV range has been developed to provide a comprehensive and flexible solution to all smoke vent control scenarios. Purpose designed single detection zone automatic opening vent control panels 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. Available with 3, 5 or 10 amp integral PSU for small, medium and larger loads. The high spec models include all the available inputs and outputs in a single, off the shelf unit and no additional modules or cards are required.

☑ 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)
- Choice of 3, 5 or 10 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
- Brand control panels with your own company logo

☑ 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**

3 amp PSU

5 & 10 amp PSU

Order Codes	
AOV-3	Control panel, 3A PSU
AOV-5	Control panel, 5A PSU
AOV-10	Control panel, 10A PSU
AOV-3H	Control panel, high spec, 3A PSU
AOV-5H	Control panel, high spec, 5A PSU
AOV-10H	Control panel, high spec, 10A PSU

Technical Specifications	
No of zones	1
Cabinet size	AOV-3: 308mm W x 260mm H x 80mm D AOV-5/10: 460mm W x 310mm H x 110mm D
Battery capacity	AOV-3: 2 x 3.2Ah 12v SLA AOV-5/10: 2 x 12Ah 12v SLA
Actuator output	2.5A, 5A or 10A timed polarity reversal actuator output
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.