

MZAOV[®]

MULTIZONE AUTOMATIC OPENING VENT CONTROL PANELS



- 1 - 8 Conventional or Twin Wire detection zones
- Large graphic LCD display
- 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 (via add on PCB)
- PIR sensor input (via add on PCB)
- Vent positional control input (via add on PCB)

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MZAOV®

The MZAOV range has been developed to provide a comprehensive and flexible solution to smoke vent control scenarios. Purpose designed multi 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 with a large graphical LCD display. Available with 3, 5 or 10 amp integral PSU for small, medium and larger loads. A single zone, non extendable version is available for smaller budgets and additional inputs and outputs for PIR, Rain Sensor and BMS connections are available via a simple plug in PCB.

Flexible

- Up to 8 detection zones available
- 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

- Large graphical LCD display
- 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 & 5 amp PSU
1 - 4 zones



10 amp PSU
1 - 8 zones

Order Codes

MZAOV-1001A	1 zone, non extendable control panel, 3A PSU
MZAOV-1001	2 zone extendable (up to 4) control panel, 3A PSU
MZAOV-1002	2 zone extendable (up to 4) control panel, 5A PSU
MZAOV-1003	2 zone extendable (up to 8) control panel, 10A PSU
MZAOV-3001	2 zone extension PCB
MZAOV-3002	PIR, Rain Sensor, BMS add on PCB

Technical Specifications

No of zones	1 - 8
Cabinet size	MZAOV-1001A, 1001 & 1002: 382mm W x 354mm H x 110mm D MZAOV-1003: 470mm W x 500mm H x 110mm D
Battery capacity	MZAOV-1001A, 1001 & 1002: 2 x 12Ah 12v SLA MZAOV-1003: 2 x 18Ah 12v SLA
Actuator output	2.5A, 4.5A or 8A 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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