

General features:

VP/EN54-23 is a panel designed for acoustic and optical indication of fires. All materials used to manufacture it comply to fire system requirements and the housing is built in fireproof material. The alarm device has to be installed by qualified personnel only, respecting all installation standards such as recommended distances and height in order to get the maximum efficiency.

Technical features:

- Coverage volume: 4 x 9 x 9 m (Height, Width, Distance)
- Category..... W-4-9, Wall mounted device
- Nominal Voltage supply (Vn): 24Vdc (from 20Vdc to 30Vdc)
- Power consumption 2,6W (DIP1=OFF 100mA DIP1=ON 110mA)
- Sound pattern Alternate (or continuous not compliant to EN54-3)
- Flash frequency..... 0,6Hz or 1,1Hz
- Buzzer frequency 3000 Hz
- Operating temperature From -10 °C to +55°C
- Type: A, for indoor use
- IP 41C

Standards.....EN54-3, EN54-23

Protected against polarity inversion

Sound power distribution

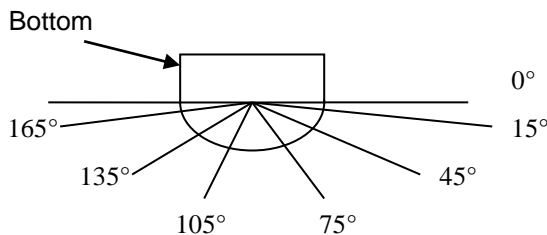


Chart 1

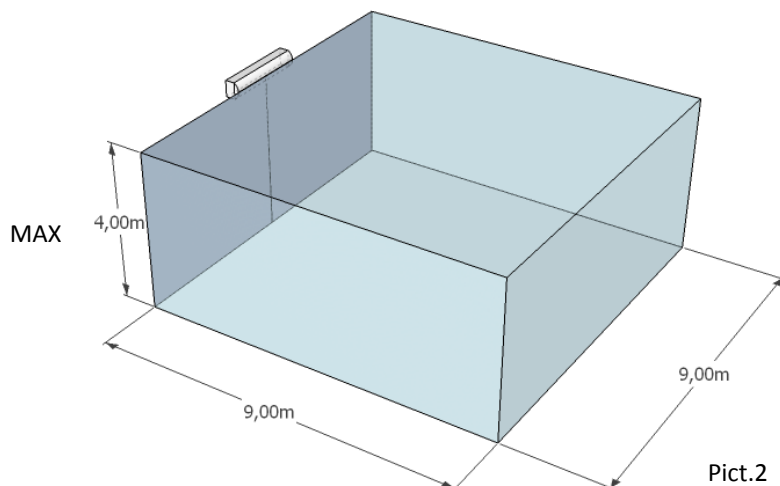
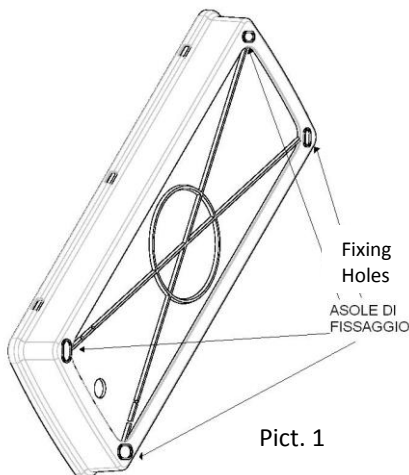
Degree	Sound Level at 1 m
15°	88 dB(A)
45°	87 dB(A)
75°	90 dB(A)
105°	82 dB(A)
135°	87 dB(A)
165°	87 dB(A)

INSTALLATION

Mounting to wall

Fix the alarm device to the wall using the 4 holes on its base (see Pict.1). Use an adapter to connect all cables in case of system with external pipes.

The device is classified as W-4-9. It is designed to cover the maximum volume for 9 m. side and 4 m. height, see pict. 2. The device must be installed with the long side parallel to the floor and the flash-dome looking down.

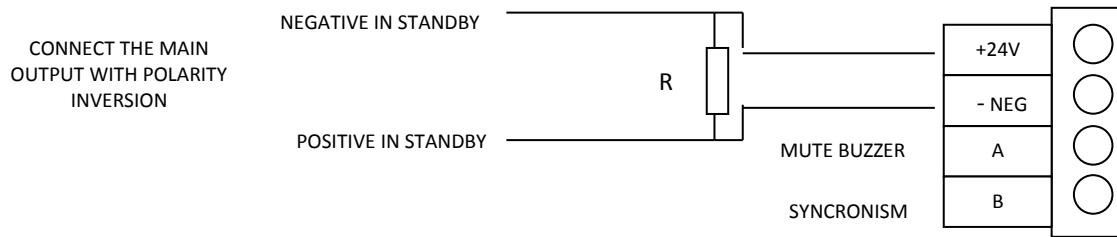


Connection

Connect the main output with “**polarity inversion**” to positive and negative terminals (see. pict.3) using a certified wire. Moreover, insert the end-of-line R resistor between “24V” and “NEGATIVE” terminals. The value of the end-of-line R resistor depends on control panel installed and is mentioned in the control panel manual.

Terminal A (Buzzer Mute): if required, when connected to 0V the buzzer is kept silent.

Terminal B (Synchronism): if required, connect together the terminals B of the devices to synchronize them.



Pict.3

Technical data: see manufacturer technical design dossier.

DIP SWITCH	OFF	ON
DIP 1 - FLASH FREQUENCY	0,6 Hz	1,1 Hz
DIP 2 – RED LEDS	STEADY ON	FLASHING
DIP 3 – BUZZER MODE	INTEMITTING	COUNTINUOUS (NOT COMPLIANT TO EN 54-3)
DIP 4 – BUZZER ACTIVE	SOUNDS	SILENCE

In case of any modification of one or more of the above topics, the certification will be not valid.

Warranty: All Venitem products have 2 years warranty. With the aim of improving design and quality of its products, Venitem reserves the right to modify them without prior notice. All defective products have to be returned to supplier.



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EN54-3 EN54-23

VP/EN54-23 - FIRE ALARM DEVICES – VISUAL AND ACOUSTIC ALARM DEVICE
Intended for use in fire detection and fire alarm systems in and around buildings

Essential characteristics	Performance
Performance under fire conditions	Pass
Operational reliability	Pass
Durability of operational reliability and response delay, temperature resistance	Pass
Durability of operational reliability, humidity resistance	Pass
Durability of operational reliability, shock and vibration resistance	Pass
Durability of operational reliability, corrosion resistance	Pass
Durability of operational reliability, electrical stability	Pass
Durability of operational reliability, resistance to ingress	Pass



WASTING:
 This product must be wasted in appropriate wheelie-bin for electric and electronic materials.
 Do not put in weelie-bin for other kind of waste.