# RGM WAVE Aluminium Raider

VN784500

**Gas detectors** / Gas and safety




230 Vac wall-mounted methane gas detector with alarm relay for controlling a solenoid valve or auxiliary device. Pre-alarm and alarm conditions are signalled both visually (special LEDs) and acoustically (buzzer). The wave-shaped design makes it easy to integrate into any home environment.

## General features

- Fixing can be done directly on the wall or on a 3-module flush-mounted box (type 503) or similar
- Acoustic and visual alarm status detection
- Signalling LEDs
  - green for power supply presence
  - yellow for signalling incorrect sensor operation
  - red for alarm status signalling

## Technical specifications

| | |
|---|---|
| **Power supply** | |
| Power supply | 230 Vac (-15% ÷ +10%) |
| Frequency | 50 / 60 Hz |
| Absorption | 4 VA |
| **Parameter settings** | |
| Switching delay | 30 seconds |
| Intervention threshold | 9% L.I.E. |
| **Functions** | |
| Probe alarm buzzer | ✓ |
| **Functional characteristics** | |
| Acoustic signalling | 85 dB (at 1 metre) |
| **Operating conditions** | |
| Operating temperature range | -10 ÷ 40 °C |
| Relative humidity | 30% ÷ 90% non-condensing RH |
| Storage temperature range | -10 ÷ 50 °C |
| **Approvals and certifications** | |
| IMQ Certification | ✓ |
| **Outputs** | |
| Relay capacity at 250 Vac | 8 (2) A |
| **Mechanical features** | |
| Protection degree | IP42 |

Vemer S.p.A. declines all responsibility for the use of the products for purposes other than those for which they are intended, as indicated in the technical documentation. Vemer S.p.A. reserves the right to make, without prior notice, such changes as may, in its sole discretion, improve the technical and functional characteristics of the products and the related production logic. The technical characteristics and images of the products indicated are given for information only and are not binding in any way, since they may be modified without prior notice.



Revision date: 2026-02-02

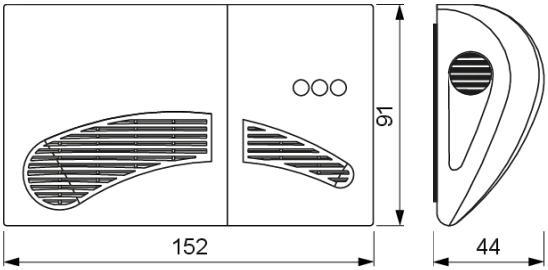
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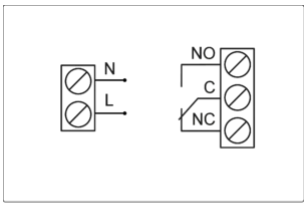


| | |
|---|---|
| **Physical features** | |
| Color | Aluminum |
| Sensor lifetime | 5 years from the date of installation |
| **Overall dimensions** | |
| Height (A) | 91 mm |
| Width (B) | 152 mm |
| Depth (C) | 44 mm |

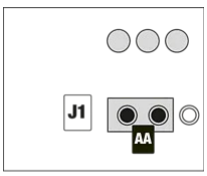
## Dimensions



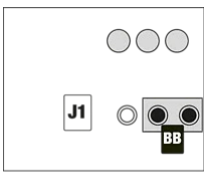

## Wiring diagram




## Graphic details




Active safety control




Passive safety control

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## Product variants

**RGM WAVE Bianco Siberian**

VN783700

Wall-mounted methane gas detector, 230 VAC. Color white.

## Accessories compatible with the product

**VALV-12NA 12 Vdc**

VE169900

Normally open solenoid valve with Rp 1/2" connection 12 Vdc supply

**VALV-34NA 12 Vdc**

VE170700

Normally open solenoid valve with Rp 3/4" connection 12 Vdc supply

**VALV-01NA 12 Vdc**

VE171500

Normally open solenoid valve with Rp 1" connection 12 Vdc supply

**VALV-12NC 12 Vdc**

VE172300

Normally closed solenoid valve with Rp 1/2" connection 12 Vdc supply

**VALV-34NC 12 Vdc**

VE173100

Normally closed solenoid valve with Rp 3/4" connection 12 Vdc supply

**VALV-01NC 12 Vdc**

VE174900

Normally closed solenoid valve with Rp 1" connection 12 Vdc supply

**VALV-34NA 230 Vac**

VN073300

Normally open solenoid valve with Rp 3/4" connection 230 Vac power supply

**VALV-12NA 230 Vac**

VN074100

Normally open solenoid valve with Rp 1/2" connection 230 Vac power supply

**VALV-01NA 230 Vac**

VN075800

Normally open solenoid valve with Rp 1" connection 230 Vac power supply

**VALV-34NC 230 Vac**

VN076600

Normally closed solenoid valve with Rp 3/4" connection 230 Vac power supply

**VALV-12NC 230 Vac**

VN077400

Normally closed solenoid valve with Rp 1/2" connection 230 Vac power supply

**VALV-01NC 230 Vac**

VN078200

Normally closed solenoid valve with Rp 1" connection 230 Vac power supply

## Reference standards

Compliance with Community Directives:

**• 2014/35/UE (LVD) • 2014/30/UE (EMCD) • 2011/65/UE e 2015/863/UE (ROHS)**

is declared with reference to the following Standards:

**• EN 50194-1 • EN 50270 • EN 60335-1: • EN IEC 63000**

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