

Tough and Reliable  
with Great Looks  
at a Low Cost

# AC Powered Plug-In Gas Alarm

● Model: GA502Q

## Power/ Alarm/ Fault LED

LED indicates power on , alarm and fault

## Test/Silence/Reset

Tests gas alarm circuit operation and allows you to immediately silence or reset the alarm

## Gas Sensor

High sensitivity catalytic combustion gas sensor with micro controller unit intelligent firmware makes gas detection more accurate and stable

## Buzzer

More than 80dB sound alarm

**NEW  
FEATURE**

**Intelligent MCU software  
minimize the nuisance alarm**



## Description

The gas alarm is designed for single station use. Small and compact, the design and color makes it ideal for use in the home, small commercial properties, and recreational vehicles.

It is intended to detect leakage of natural gas (methane gas), town gas, and bottled gas (propane gas).

The unit is designed for plug-in applications. The gas alarm can be mounted high (for methane gas) or low (for propane (LPG) gas). It is equipped with a sturdy mounting bracket for quick, easy, and secure installation.

## Features and Benefits

- Detect all sorts of combustible gases, natural gas (methane), bottled gas (propane), LPG (Liquefied petroleum Gas), LNG (Liquefied natural gas), coal gas, including town gas.
- Power Input Range - AC220V
- Loud 80dB alarm and LED warning light.
- High quality catalytic combustion gas sensor.
- Self diagnostic function by MCU intelligent software.
- Excellent reliability & High stability.
- Ideal for all kitchens.
- **Test/Reset Button** - Tests the alarm electronics and resets the unit during alarm.
- **Power LED** - Indicates alarm is receiving power and operating properly.
- **Alarm/Fault LED** - Illuminates when in alarm/fault mode.



## Where to locate the Gas Alarm

The Gas Alarm is intended to detect leakage of natural gas, town gas and bottled gas. It is intended for installation in the home, small commercial properties, and recreational vehicles. Installation shall only be undertaken by technicians holding a certificate issued by an authorized distributor.

Warning: this unit is connected to the mains.

For detecting natural gas (lighter than air), the alarm should be installed within 30 centimeters below the ceiling and the maximum distance away from the furnace or gas appliances is 8 meters.

For detecting LPG (heavier than air), the alarm should be installed within 30 centimeters above the floor and the maximum distance away from the furnace or gas appliances is 4 meters.

The alarm should not be located close to any obstacles preventing natural air circulation. It should also not be located in a draft or close to a cooker (cooking smells and other fumes can have a bad influence on gas detection).

## Technical Specifications

Power Source: AC220VAC

Power Consumption: <1.5W(Standby), <3W(Alarm)

Sensitivity: LNG 5000ppm (10%LEL)

Audio Alarm: 80dB at 10ft (3meters)

LED: Green, Normal; Red, Alarm; Yellow, Fault

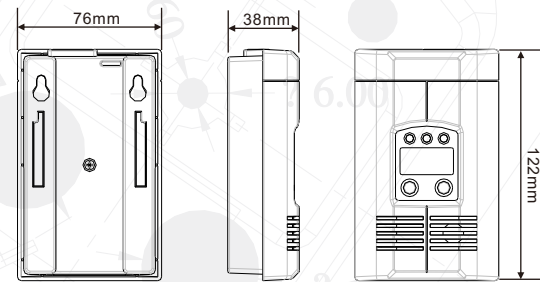
Temperature Range: -10°C to 50°C

Humidity Range: 5%-95% relative humidity (RH)

Size: 76mm Width x 122mm Height x 38mm Depth

Weight: 265g

## Installation of Detector



## Ordering Information

Model	Pack Quantity	Dimensions (w x d x h millimetres)	Weight
GA503	Individual (1 units)	76x38x122	265g

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