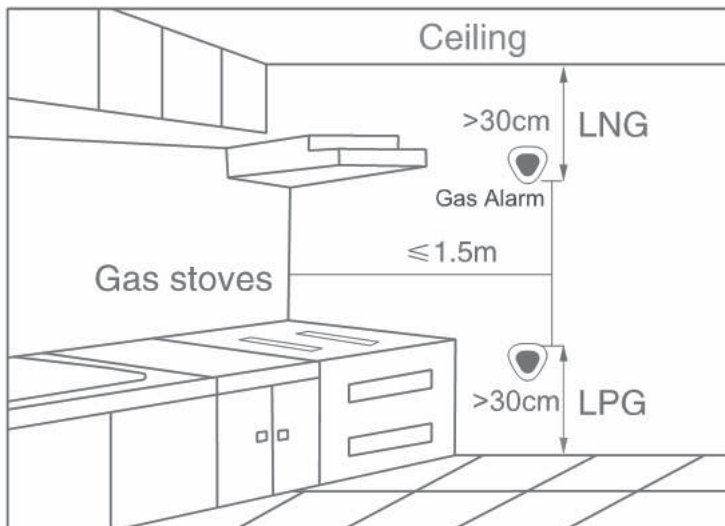


## INTRODUCTION

The Metravi GD-09-1 Combustible Gas Alarm, has high sensitivity, a compact design and reliable performance for detecting combustible gas (like LPG) leaks.

Adopting high-quality smart sensors and advanced techniques, the device is suitable for gas leak detection at premises where gas leaks are possible to occur, such as households, hotels, shopping malls, cafes, industrial kitchens, offices, canteens, etc.

The device sounds an audible alarm with red flashing light, when gas concentrations reach or exceed the alarm set point, helping keep people safe from accidents like fire, explosion, suffocation, etc., due to the leak.



### Where in the room should the sensor plug be installed?

The sensor should be installed at a distance from the gas source radius within 1.5M, more than 30cms below the ceiling for methane (like LNG) or more than 30cm above the floor for propane and butane (like LPG).

\*Technical Specifications & Appearance are subject to change without prior notice

### Do not install your alarm

- Outside the building
- In a damp or humid location
- Next to an extractor fan
- Next to a door or window
- In an enclosed space (e.g. in a cupboard or behind a curtain)
- Where dirt and dust may block the sensor
- In an area where the temperature may drop below -10°C or exceed 50°C
- In an area where the alarm may be easily knocked-over, damaged or moved
- Too close to openings or ventilation ducts (since the airflow at these places may be high and may locally decrease the gas concentration)
- Immediately above or next to gas appliances (since small gas releases may occur before ignition that may result in unwanted alarms)
- Near pressure cookers as it may lead to alarms produced by cooking vapours (not gas) escaping and/or contamination by grease that may impede correct operation of the alarm.

### SPECIFICATIONS

<b>Gas detected</b>	: Combustible gases
<b>Sensor Type</b>	: Semi-conductor
<b>Sampling Method</b>	: Diffusion
<b>Alarm Set Point</b>	: 5% LEL
<b>Warm-up Time</b>	: 180+10S
<b>Response Time</b>	: ≤30S
<b>Recovery Time</b>	: ≤30S
<b>Working Voltage</b>	: AC 110V-220V
<b>Maximum Power</b>	: <1W
<b>Alarm Mode</b>	: Beep sound with red indicator light
<b>Alarm Sound</b>	: ≥70dB
<b>Level Service Life</b>	: 5 years approx. (with normal use)
<b>Weight</b>	: About 55g
<b>Size</b>	: 51×43×49mm
<b>Temperature</b>	: -10°C to 50°C
<b>Range Humidity</b>	: 0% to 97%
<b>Range Pressure</b>	: 86kPa - 106kPa
<b>Range</b>	



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