

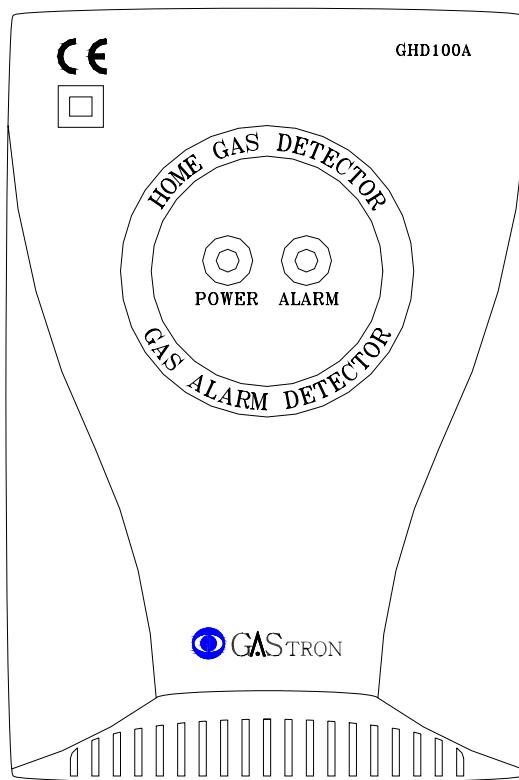


GASTRON CO.,LTD.

www.gastron.com

GHD100A

HOME GAS DETECTOR MANUAL



- Please read this manual carefully before installing the detector.
- The specification of detector can be changed without prior notice for improving its performance.

Introduction:

Home Gas Detector GHD100A is used for preventing suffocation or explosion accidents by detecting any gas leakages in home.

Function:

If gas concentration rises above the alarm setting value due to a gas leakage, Alarm lamp is "ON" and alarm is triggered. At the same time, DC12V Output Signal is transferred to Gas valve Control unit (GVC1000) and GAS SHUT-OFF VALVE is operated to interrupt the gas leakage.

Specification:

ITEM	SPECIFICATION
Operation Power	AC240V 50Hz / 1.5W
Detection Gas	LPG, LNG, TOWN Gas etc.
Alarm Concentration	LPG Gas: 600~4,500ppm LNG Gas: 600~12,500ppm
Detection type	Diffusion
Measuring Method	Catalytic type
Response Time	Less then 20sec
Operation Temp.	-20~ 50°C
Operation Humidity	10 ~ 95% RH (Non-condensing)
Alarm Signal	Alarm lamp(yellow), buzzer(audible), DC12V Output
Approval	CE
Dimensions	73(W)X109(H)X45(D) mm
Weight	200g

how to install:

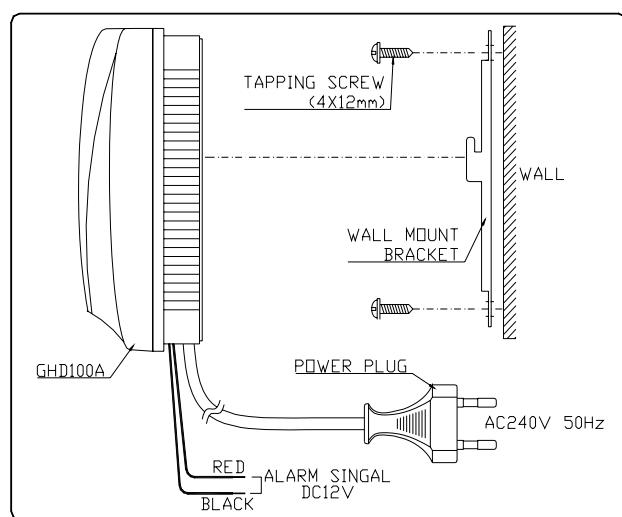
① Each type of Gas detector has a different position to be installed according to gas type, so please make sure of gas to be detected before the installation.

◆ LNG (Natural Gas):

Natural Gas is lighter than air so the LNG detector should be installed not more than 30cm from ceiling.

◆ LPG (Butane Gas):

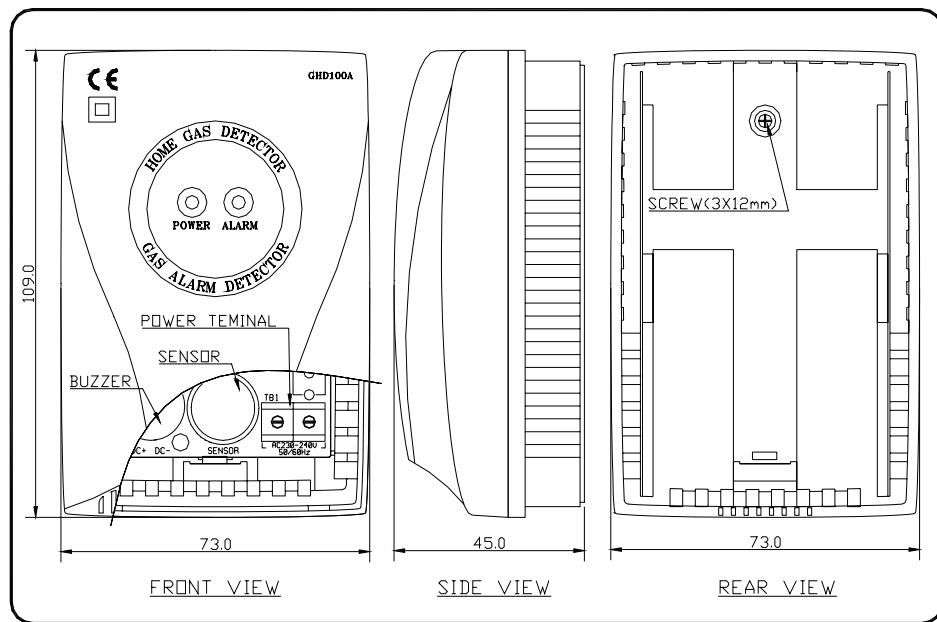
LPG gas is heavier than air so



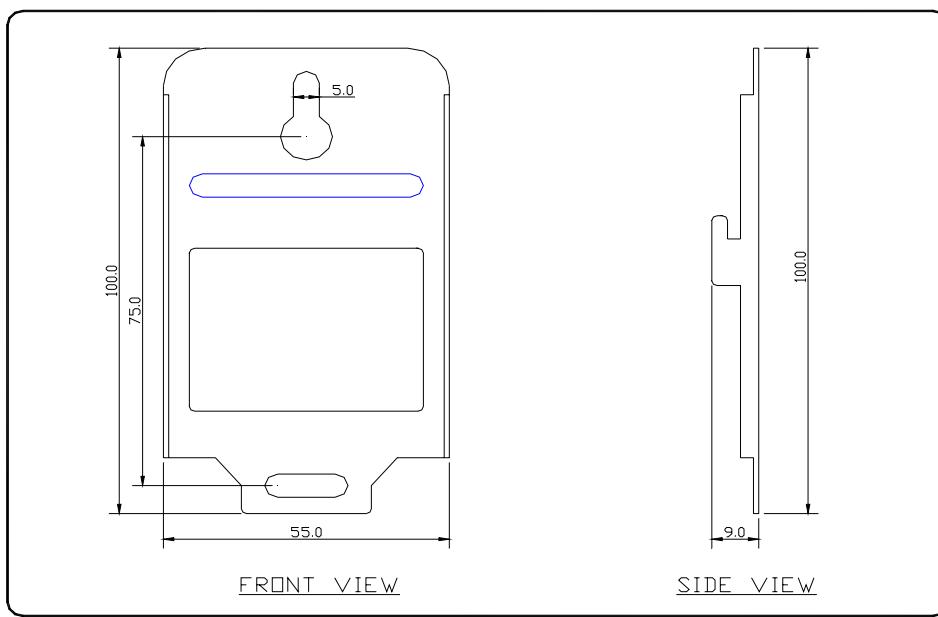
LPG detector should be installed not more than 30cm from floor.

- ② Fix the bracket to the wall with Tapping screw(4X12).
- ③ Insert the detector in the bracket by placing the holes in the back of the case onto the lugs and sliding the detector downwards to locate.
- ④ Check the Power supply's voltage & frequency-AC240V 50Hz- before using the detector.

GHD100A Dimensions



Wall mount bracket



Check Points:

① Make sure that Power lamp of Gas detector is "ON".

When the Power lamp is "OFF":

- ▶ Check the Power plug's connection to Power Supply.
- ▶ Check if the fuse(250V 1A) in Gas detector is broken.

② Inspection with test gas is to performed once in a month.

If test gas is injected to gas sensor, Alarm lamp is "ON" and alarm is triggered together, after several seconds. If test gas is remaining above Alarm setting level, Alarm lamp & buzzer sound are continuously "ON".

③ If there is any other problem, please call to A/S center in your region.

PRODUCT WARRANTIES

The quality assurance duration of this product is for 1 year after original date of consumer purchase.

1. When the breakdown occurs during the quality assurance period
-1 year after purchase date- in the condition of normal use of product, the manufacturer will repair the product with no charge except as stated below.
2. The repair charge will be paid by the customer in the below case.
 - Misuse or handling carelessness
 - Natural disaster
 - Breakdown due to a repair or rebuilding by unqualified or not assigned person by Gastron or A/S center
3. No warranties or Compensation will be made in the case of
 - malfunctions due to modifications by user(consumer), or damages of human or property caused by them

Model	GHD100A		Inspection	Memo
Serial No.				
Date				
Customer	Name			
	Address			
	Tel			



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