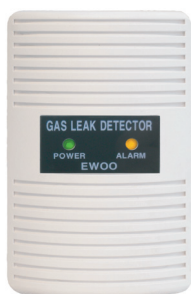


# [ GAS LEAK DETECTOR MODEL EW301 R ]



Name / Model	EW301-R
Detector Gas	LPG. LNG. City Gas (Methane, Butane, Propane)
Alarm Point	LEL 1/4 Point (user adjustable, Variable setting)
Detection Method	Catalytic, Combustion (Hot-wire type), Diffusion type
Response Time	Within 20 seconds
Operational Temperature Relative Humidity	-10°C~40°C, 90% Rh
Input Power	AC 220V 60Hz / AC 230V 50Hz
Power Consumption/ Size	6.8mA (230V) 1.5W
Alarm Output	Relay contact White(COM) Green(NO)

## 1. Installation Place

As LPG gas shall be installed near the floor as it is heavier than air (within 30cm above the floor), while LNG gas shall be installed near the ceiling as it lighter than air(within 30cn below the ceiling) Please confirm if it is well operated by inserting regularly the gas (standard gas LEL 25%) into alarm device one time per month.

## 2. Notice and instruction

[Notice]

- 1) It is not allowed for any person except the engineer of our company to disassemble, alter and repair the device.
- 2) Surely to install the earthing line in case it is the product with earthing terminal.
- 3) Do not touch the electric cord or body with wet hand.  
\* Improper place for installation: Ventilation fan. electric fan.  
air inlet place with much steam and moisture around exit and place with excessive smoking or heat.

[Instruction]

- 1) Do not wet the body
- 2) No impact, drop or throwing is allowed
- 3) Do not cover or hide the gas leak alarm device(detection device)
- 4) Please pull out the electric cord by grasping the plug
- 5) Do not damage the electric cord nor put heavy material on it
- 6) Do not use it in the plase with much moistrue or dust
- 7) Do not carry out the silicone work to affect the gas leak alarm device (detection device), which will be the troble reason owing to the material occureed in silicone adhesvie
- 8) As for the voltage, please use the rated voltage indicated on the product
- 9) Do not spray the kind such as aromatic, insecticide and etc. to the gas detection device
- 10) Please take gas leakage test with standard gas

[Instruction for Opeation]

- 11) If warning is despised, there is any possibility that the physical damage may occur

## 3. Instruction against gas leakage

- 1) To fasten the as valve
- 2) To ventilate the air by opening the window
- 3) It is not allowed to touch the electric heater(gas rang), electric device (ventilating fan) or plug nor to handle the switchch
- 4) Please check the gas leakage place after checking the gas pipe

## 4. Meassure against Abnormal Status

Abnormal staus	Measure
In case alarm is frequently sounded during cooking	Please keep away installation place of alarm device from cooking device owing to flase operation from vapor or miscellaneous gas (to install it witch 4m and above 1m radius form cooking device)
Relative to inspection of alarm device, in case flickering buzzer is not sounded in alarm lamp (YELLOW) even standard gas is inserted during operation	It is the case that gas can not be detected owing to overage of sensor detection in alarm device, please enquire the main office or the selling store
In case alarm is sounded when spray type of insecticide is used	In case spray type of insecticide or other volatile gas is used, alarm device may be operated(It can be reused after removal of the smell)
In case alarm is continuously sounded under the state when alarm lamp(YELLOW) is off	Gas detection sensor is out of life span or dose not work, please stop using it and enquire the main office or the selling store