

### 1. INTRODUCTION

The gas leakage alarm is suitable for the place where natural gas exists. It can detect and alarm the burning, explosion, poisoning caused by gas leakage. This product has the features of high sensitivity, high stability, multi-gas detectable, small cubage.

When the flammable gas density reaches to response setting value of density in its surrounding environment, the alarm can give out alarm signal of sound, light and networking. It shows the detector is an alarm state. When the ambient concentration of combustible gas down to the rated value, the alarm can be automatically restored to normal monitoring state. It has red, yellow, green three state indicator lights and one built-in buzzer.



### 2. TECHNICAL DATA

Type Product	AR-WFA-CP90-GD
Working Voltage	AC 100V ~ 240V
Standby current	< 100mA
Alarm Current	< 150mA
Alarm Range	Natural gas 3%~15%LEL
Alarm sound	>70dB (right ahead 1m)
Installation style	Wall mounted
Ambient Temperature	-10°~55°C
Humidity range	10% ~ 95%
Air pressure	86~106 Kpa
Use Style	Standalone or networking

### 3. INSTALLATION GUIDE

- ✓ Design for wall mounted, please install the product where's up from the leakage of the natural gas
- ✓ When install alarm, use 2pcs of self tapping screw & expansion pipes from installation package, fix the mounting bracket on the wall, and then install the detector on to the bracket (note to align detector in the mouth of bracket chuck, and rotate enough to the right place)
- ✓ Cannot power and networking line, the green indicator light up.

## Notes :

- The alarm can't be installed too close to above the gas source, should be 2m. Above to avoid faulty alarm even at normal use.
- The alarm can't be held at bathroom or moister place.
- Alarm's forbidden with paint, alcohol, should isolate the alarm immediately it two kinds of gas exist in the room, lest damage the sensor.

#### 4. TESTING YOUR GAS ALARM

The unit should be tested once a month by pressing the test button. If the unit is functioning correctly, the yellow and red indicators will flash and the alarm will sound for 10 seconds. Press and hold the test button for 3 seconds to test valve output controlling.

#### 5. WHAT TO DO WHEN THE ALARM SOUNDS

When red alarm indicator light flashes with buzzing sound, or networking alarm, that indicates the gas leakage with higher density in the environment. The finder should check according to the following procedures immediately

- ✓ Close all the gas source (stove, cooking utensils, gas water heater, etc)
- ✓ Open the doors and windows and enable the air convection immediately, exhaust naturally.
- ✓ Forbid opening other electric equipment products.
- ✓ If someone catches headache, regurgitation, general weakness, agitation or shock, etc., should be sent to the first aid of the hospital.
- ✓ Find out the alarm cause and deal with in time after the gas disappears.
- ✓ If unable to get rid of the cause of accident, please consult your local property management office.
- ✓ Due to the quality reason of the alarm; please contact the supplier to check.
- ✓ Due to the gas leakage, please contact the gas company, checking gas piping, water heater or stove, etc. Where may cause the leakage of gas sources.

Notes : “ the leakage of paint, cometics, chemical products alcohol might cause the alarm, should make these articles far away from the alarm, reduce faulty alarm “

#### 6. CAUTION

Gas leakage alarm belongs to safety precaution products, should incessant to run after start the machine, in the course of use and maintenance, if find the following problems, should deal with (see the following form) in time; if fail to handle, should get in touch with after sales service center. After this products goes into normal running, users do the periodic inspection according to one's own condition, so as to ensure normal running.

- a. Consult installation and debug two sections in the manual
- b. Check and test the conditions of alarm and power connection weekly, contact with the falcilitator in time to discover the problems.



ARTRA Fire Protection, email : [info@artra.co.id](mailto:info@artra.co.id), support teknis <http://www.artra.co.id/>

- c. Users make sure not to dismantle the alarm by themselves, not allow to use the chemical spraying cleanser to wash directly either, lest damage the sensor head. When users really need to wash, please notify the specialized company or consult the facilitator.