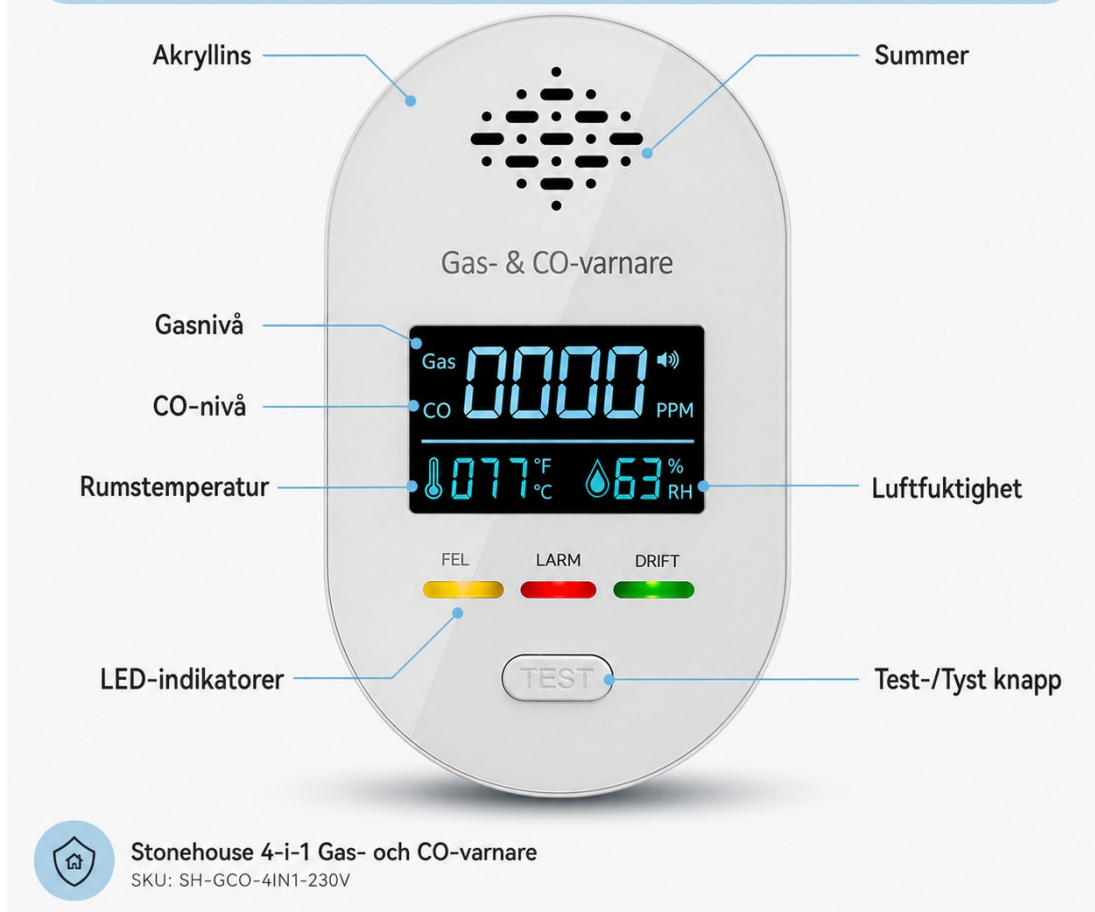


Stonehouse 4-in-1 Gas and CO Alarm

User Manual | 230 V | Temperature and Humidity

Produktens funktioner



Model/SKU: SH-GCO-4IN1-230V

IMPORTANT Read this manual completely before installation and use. Keep it for future reference. This product supplements a complete fire-safety system and does not replace smoke alarms, heat alarms, or regular inspection of gas installations.

Brand: Stonehouse
Distributed by Secureus Sverige AB
secureus.se

1. Product overview

The Stonehouse 4-in-1 Gas and CO Alarm is a stand-alone mains-powered alarm that monitors combustible gas, carbon monoxide, temperature, and relative humidity. Current readings are shown on the LCD. An alarm is indicated by sound, a red status light, and information on the display.

Functions and indicators

Part	Function
Display	Shows gas level, CO level, temperature, and relative humidity.
Buzzer	Provides an alarm sound above 85 dB at a distance of 1 metre.
Yellow indicator - FAULT	Flashes when a fault is detected. The display may also show "Err".
Red indicator - ALARM	Flashes when an alarm threshold is reached.
Green indicator - POWER	Shows that the unit is powered and operating.
TEST/MUTE	Used for functional testing and temporary alarm silencing.
Air inlets	Must remain free from dust, dirt, and obstructions.

Package contents

- 1 x Stonehouse 4-in-1 Gas and CO Alarm
- 1 x user manual

Inspect the product Do not use the alarm if the housing, mains plug, or display is damaged.

2. Safety information

IF THE ALARM SOUNDS Treat every alarm as genuine. Move immediately to fresh air. Help children and other occupants leave the building. Contact the emergency services if carbon monoxide poisoning, fire, or a gas leak is suspected. Do not re-enter until the emergency services or a qualified technician confirms that it is safe.

- Carbon monoxide is colourless and odourless. Symptoms may include headache, dizziness, nausea, tiredness, and confusion.
- Do not operate open flames, light switches, or electrical equipment if combustible gas may be present.
- Ventilate only when this can be done without putting anyone at risk.
- Do not open, paint, cover, or modify the alarm.
- Protect the unit from water, condensation, impacts, and strong vibration.
- Use only in dry indoor locations within the stated temperature and humidity limits.
- Test the alarm regularly and after an extended power failure or relocation.
- The unit requires mains power. It will not operate during a power failure unless the supplied model is explicitly marked as having separate backup power.

People at increased risk

Children, older people, pregnant people, and anyone with heart, lung, or blood conditions may be affected by carbon monoxide sooner. Seek medical attention after symptoms or suspected exposure.

3. Location and installation

The installation position must be selected according to the gas being monitored, the room layout, the type of combustion appliance, and local requirements. Because the product plugs directly into a wall socket, a suitable socket must be available at the correct height.

Typical locations

- Rooms containing a fireplace, boiler, stove, or other fuel-burning appliance
- Kitchens or rooms containing gas-powered equipment
- Garages and basements where combustion gases or combustible gas may occur
- Motorhomes or similar spaces, provided that the installation follows the vehicle and gas-appliance instructions
- Near sleeping areas so that occupants can hear the alarm

Do not install

- Outdoors or in wet and humid areas
- Inside or below cupboards, behind curtains, or where airflow is obstructed
- Directly above a sink, cooker, or location exposed to heavy steam, grease, or heat
- Near fans, ventilation openings, windows, or doors where airflow may dilute the gas
- Where dust or dirt may block the air inlets
- Where the temperature may fall below -10 °C or exceed +55 °C
- Where the unit may be struck, damaged, unplugged, or moved accidentally

Different gases require different positions Methane/natural gas normally rises, while LPG is heavier than air and tends to collect near the floor. Always follow the gas-appliance instructions and local installation requirements. Incorrect placement may delay or prevent an alarm.

Installation steps

1. Choose a suitable permanent wall socket that is not controlled by a switch.
2. Make sure that all air openings are clear.
3. Plug the unit into the socket.
4. Wait for the start-up cycle to finish. During start-up, the buzzer may sound, the indicators may illuminate, and the display may show "8888".
5. After approximately 60 seconds, the alarm should enter normal monitoring mode and show current readings.
6. Carry out a functional test using the TEST button.

4. Operation

Normal operation

During normal operation, the display shows gas and CO readings together with current temperature and relative humidity. The green indicator confirms that the unit is powered.

Functional test

7. Press the TEST button.
8. Confirm that the display, indicators, and buzzer operate.
9. If the alarm does not respond correctly, unplug it and remove it from service. Contact the retailer.

Test at least once every month and after cleaning, relocation, or an extended power failure.

Mute function

During an active alarm, press TEST/MUTE to temporarily silence the buzzer. If the hazardous concentration remains, the sound will reactivate. The manufacturer states that this occurs within approximately 6 minutes. Never use the mute function to ignore an alarm.

Alarm memory

After an alarm has ended, the first press of the TEST button may display the most recently recorded alarm value. This action may also clear the alarm memory.

Fault indication

If the yellow indicator flashes, the unit emits repeated short beeps, or the display shows "Err", unplug the alarm and remove it from service. Carefully clean the air inlets and test it again. If the fault remains, replace the product or contact the retailer.

5. Alarm levels and specifications

Manufacturer data The values and response times below are taken from the supplied manufacturer documentation. They do not constitute a separate claim of third-party certification.

Carbon monoxide, CO

Concentration	Stated response time
70 ± 5 ppm	Alarm within 60-240 minutes
150 ± 5 ppm	Alarm within 10-50 minutes
400 ± 10 ppm	Alarm within 4-15 minutes

Combustible gas

Measuring range: 0-10,000 ppm for CH₄/LPG. The manufacturer documentation states a response within approximately 3 minutes at a concentration of at least 3,000 ppm.

6. Technical data

Property	Value
Product	Stonehouse 4-in-1 Gas and CO Alarm
SKU	SH-GCO-4IN1-230V
Operating voltage	AC 90-240 V
Standby current	<15 μ A, according to manufacturer documentation
Alarm current	<30 μ A, according to manufacturer documentation
CO measuring range	0-1,000 ppm
Gas measuring range	0-10,000 ppm, CH ₄ /LPG
Temperature display	32-212 °F, stated accuracy $\pm$ 1.8 °F
Relative humidity	0-99% RH, stated accuracy $\pm$ 3%
Operating environment	-10 to +55 °C, <95% RH, non-condensing
Alarm indication	Sound, light, and LCD
Sound level	>85 dB at 1 metre
Sensor	Electrochemical sensor, according to manufacturer documentation
Dimensions	105 x 60 x 60 mm
App/Wi-Fi	No, stand-alone product

7. Cleaning, maintenance, and troubleshooting

Cleaning

10. Unplug the alarm.
11. Remove dust with a soft, dry brush or a dry lint-free cloth.
12. Clean the air inlets carefully without pushing dirt into the unit.
13. Do not use water, detergents, solvents, bleach, or compressed air.
14. Plug the unit back in and perform a functional test.

Troubleshooting

Problem	Action
No display or green indicator	Check that the socket is live and that the alarm is fully inserted.
Display shows Err or yellow indicator flashes	Unplug the unit, clean the air inlets, and test again. Remove it from service if the fault remains.
Repeated alarms without an obvious cause	Leave the area first. Then have combustion sources, gas equipment, and ventilation checked by a qualified technician.
Temperature or humidity reading appears incorrect	Allow the unit to stabilise after relocation. Avoid heat sources, ventilation outlets, and direct sunlight.
No response to the TEST button	Unplug the product and do not continue using it.

Service life and replacement

Sensors age over time. Replace the alarm if it shows a persistent fault, no longer passes the functional test, or has reached any end-of-life date printed on the product label. The supplied manufacturer documentation does not state a verified sensor service life.

8. Warranty, disposal, and contact

Warranty

The manufacturer documentation states a three-year warranty. The warranty does not cover damage caused by incorrect installation, moisture, impact, modification, obstructed air inlets, or operation outside the specified environment. Proof of purchase may be required.

Disposal

This product contains electronic components and must be taken to an approved collection point for electrical and electronic waste. Do not dispose of it with household waste.

Contact

Stonehouse

Distributed by Secureus Sverige AB

Website: secureus.se

Product: Stonehouse 4-in-1 Gas and CO Alarm

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Keep this information Record the purchase date and installation location. Store this manual where it is available to everyone using the premises.