

Honeywell



**Carbon Monoxide
The silent killer**

How safe is your family?

Carbon Monoxide Information Leaflet



Potential danger areas in your home



Water heater



Clogged chimney or flue



Gas, coal or wood fire



Boiler or heater



Car fumes from garage



Portable cooking equipment used in enclosed areas



Portable gas or paraffin heater



Kitchen cooker

What is carbon monoxide (CO) and where does it come from?

Carbon monoxide is a highly poisonous gas produced when any fossil fuel burns incompletely. It has no smell, taste or colour. It leaks from flues, cooking and heating appliances when they have been poorly maintained or simply break down. Even adverse weather conditions have been given as the official reason behind leaks of CO that proved fatal.

What can CO do to me?

Carbon monoxide bonds with the haemoglobin in your blood and subsequently replaces the oxygen needed to sustain your brain and body. It can kill quickly when it leaks in large quantities or can build up over a period of time, initially causing symptoms such as headaches, nausea and dizziness. These are often incorrectly diagnosed by the medical profession as flu.

Who is at risk from CO poisoning?

All humans and animals are at risk from carbon monoxide poisoning. No one is immune. Experts believe there are in excess of 200 deaths in the UK each year and many more injuries from CO poisoning in the home. Those most at risk are young children, the elderly, pregnant women and people with respiratory problems.

How do I know if I am suffering from CO poisoning?

It is very difficult to diagnose CO poisoning because of its similarity to other illnesses such as flu.

However, asking yourself the following questions may help:

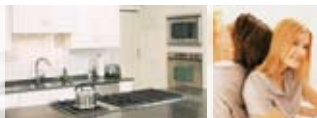
1. Are others in the house feeling ill as well?
2. When you leave the house for a period of time, do you feel any better?

If the answer is yes then you may be suffering from CO poisoning. The only way to be sure is to see your doctor and request a carboxyhaemoglobin test. This will tell you the amount of CO present in your blood.

What can I do to protect myself?

Always ensure that your appliances are annually serviced by a CORGI registered installer. This will reduce the chance of a CO leak but not eliminate it as appliances can become faulty and flues blocked in between service dates. For added safety and peace of mind you should fit an alarm which is officially approved and Kitemarked to the latest European Standard EN50291. Also, look for alarms which are officially approved by CORGI.

How safe is your family?



Where should I put a CO alarm?

It is recommended that a CO alarm is used in or near every room that contains a heating or cooking appliance. The European Standard states that the alarm should be located within 12 inches of the ceiling, for the following reasons:

1. CO is approximately the same density as air and being produced by cooking and heating appliances, will be released with warm air which will initially rise.
2. The alarm sensors will not be obstructed by furniture.

All **Kitemarked** alarms include full installation instructions.



Which CO alarm should I choose?

With an increasing number of CO alarms appearing on the market it is very important that you choose the right one. Always look for the **Kitemark** symbol with the EN50291 number, which proves that the product has achieved the stringent performance requirements of the latest European Standard EN50291:2001. Also look for the CORGI approved logo. Honeywell Analytics provides the SF Detection product range of kitemarked and CORGI approved CO alarms for domestic use. We are world leaders in gas detection technology with over 45 years experience and expertise built into every alarm.

Alarm options include battery powered units, mains powered units with battery back-up and units with relay output and interconnect facilities.



The Carbon Monoxide Consumer Awareness Alliance (COCAA) is co-ordinated by CORGI and is aimed at raising awareness surrounding the dangers of Carbon Monoxide poisoning in the UK. It is represented by members of the gas, solid fuel (wood, coal), oil, Carbon Monoxide alarm industries and Carbon Monoxide victim support groups.

Use of the COCAA logo above demonstrates Honeywell Analytics' commitment to supporting this alliance and helping to promote CO awareness across the UK.

How does the CO alarm work?

All Honeywell Analytics CO alarms use a revolutionary and patented sensing technology and come complete with full, maintenance free guarantees ranging from 5-10 years. There are no batteries or parts to replace for 5 years on any Honeywell Analytics CO alarm.

They are easy to install & use and constantly monitor for CO 24 hours a day. Added features include automatic self test functions and a unique, distinctive alarm sound which differentiates these units from other household alarms.

Customer pledge

As confirmation of our commitment to your safety, every alarm in the Honeywell Analytics range, is tested and calibrated in gas.

Find out more

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