

Carbon Monoxide (CO) Alarms with Wireless Interconnect

Carbon Monoxide Alarm with Wireless Interconnect



Ei208WRF

- Powered for life Lithium battery
- Wireless interconnect
- BS EN50291:2010 certified
- End of Life visual and audible indicator
- Proven electrochemical sensor
- Loud distinct sound (85dB(A) at 3m)
- Easy to use Test Button
- Automatic self diagnostics / checking
- Memory feature
- Easy to install



BS EN 50291-1:2010
KM 86596

Carbon Monoxide (CO) Alarms

Carbon Monoxide Alarm



Ei208W

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Carbon Monoxide Alarm with Wireless Interconnect with Display



Ei208DWRF

- Powered for life Lithium battery
- LCD displays CO levels, faults & warnings
- Wireless interconnect
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Carbon Monoxide Alarm with Display



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Protect *Your Family*

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STOP
THE KILLER
Carbon Monoxide kills.
You can't smell it, see it or taste it.



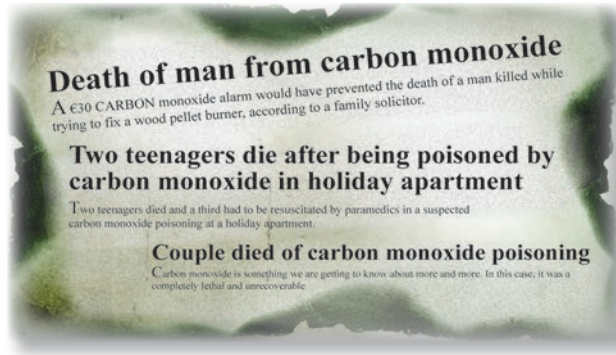
Protect *Your Family*



www.eielectronics.com

Why is CO so dangerous ?

We have all seen and read the horror stories in the media. Sadly this highly toxic gas has earned its reputation as **"The Silent Killer"**.



- Hundreds die and thousands are injured each year.
- Low level exposure may lead to serious long term illness.
- It is often misdiagnosed as a common cold or flu.
- The physical and financial costs of a misdiagnosis can be serious.
- Deaths and injuries are not always attributed to CO poisoning.
- CO poisoning incidents are under reported.

The good news – We can **STOP THE KILLER**



- Carbon Monoxide alarms can and have saved lives.
- Media awareness campaigns are having a positive impact.
- The number of CO alarms being fitted are on the increase.
- The need for regular appliances servicing is being recognised.
- There is increased awareness within the medical profession.
- Pressure is growing on legislators for new regulations.

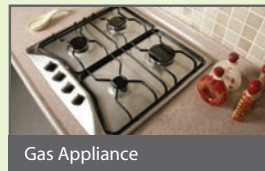
The dangers are all around you !

CO is released as a by product of a combustion process. Any household appliance that burns natural gas, coal, oil, bottled gas, paraffin, wood, petrol, diesel or charcoal will produce some levels of CO.

The levels of CO produced will vary depending on the type of fuel being burnt and the quality of the service and maintenance of the appliances.

Signs of potential Carbon Monoxide problems include:

- Build-up of soot and/or discolouring around the appliance.
- Excessive condensation on walls and windows.
- High incidences of poor health in the home.



Gas Appliance



Blocked or Cracked Chimneys



Portable Gas or Paraffin Heaters



Gas/Solid Fuel Fire Place



Gas/Oil Boiler or Furnace



Solid Fuel/ Oil Stove

Physical Effects of Cumulative CO Exposure

CO ppm - Inhalation Time (approx) and Symptoms Developed

35	The maximum allowable concentration for continuous exposure in any 8-hour period.
150	Slight headache after 1.5 hours.
200	Slight headache, fatigue, dizziness, nausea after 2-3 hours.
400	Frontal headaches within 1-2 hours, life threatening after 3 hours.
800	Dizziness, nausea and convulsions within 45 minutes. Unconsciousness within 2 hours. Death within 2-3 hours.
1,600	Headache, dizziness and nausea within 20 minutes. Death within 1 hour.
3,200	Headache, dizziness and nausea within 5-10 minutes. Death within 25-30 minutes.
6,400	Headache, dizziness and nausea within 1-2 minutes. Death within 10-15 minutes.
12,800	Death within 1-3 minutes.

ppm ^ parts per million

How do you Protect Your Family ?

CO can come from any fuel burning appliance. But what can you do to protect against "The Silent Killer".

1. Make sure all your appliances / boilers are serviced regularly.
2. Have CO alarms fitted in your home

Remember - even if appliances are serviced a problem can happen between services.

THE ONLY WAY TO DETECT CO IS WITH A CO ALARM



Ask your registered gas installer or boiler maintenance professional for advice on:

- The potential risk in your home.
- What alarms to fit.
- Where and where not to fit alarms.
- Why you should interconnect alarms.

Carbon Monoxide Alarm Maintenance

- CO alarms are potentially life saving devices and must work when called upon.
- In addition to self diagnostics, the alarms may be checked as part of the regular servicing of appliances and boilers.
- Your gas installer / professional will be able to carry out on site tests to:
 - Check that the alarm(s) are functioning correctly.
 - Identify if there are any fault conditions.
 - Interrogate the alarm memory.
 - Perform a live CO gas test if necessary.
 - Advise on alarm replacement when required.