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The higher the concentration of carbon monoxide detected by the detector, the quicker it will respond. When sufficient carbon monoxide is detected a loud audible signal (85 dB at 1m/3 feet) will be emitted and the Alarm LED will flash red once every second.

## The Alarm will sound:

- Between 60 and 90 minutes when exposed to 50ppm of CO
- Between 10 and 40 minutes when exposed to 100ppm of CO
- Within 3 minutes when exposed to 300ppm or more

## Fault / low battery signal:

The unit continuously checks the settings of its sensor and circuitry. If any of these settings are found to be incorrect or if the batteries become low then the detector will emit a **single audible chirp** once per minute for up to 30 days. **IMPORTANT:** This does NOT mean that the detector has detected carbon monoxide.

Replace batteries immediately. If the product continues to chirp despite having new batteries and the product is still within warranty then

contact technical support for advice. If the product is no longer in warranty **replace it immediately!**

## Zeta Technical Support Line

9.00am–5.00pm, Monday–Friday.

**Telephone: +44 (0) 1792 445 175**

e-mail: [support@zetaalarmsystems.com](mailto:support@zetaalarmsystems.com)

# MAINTAINING / TESTING YOUR DETECTOR

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## Maintenance

Your detector will alert you to potentially hazardous CO concentrations in your home when maintained properly. To maintain your Zeta detector in proper working order, and to ensure that the sensor will last for the lifetime of the product, it is recommended that you:

- Test the sounder, batteries and circuitry of your detector once per week by pressing and holding the Test/Reset button for 1 second (see page 9)
- Perform the Sensor Test annually (see page 9)
- Keep the detector free of dust by gently vacuuming the case with a soft brush attachment when required.

To prevent the possibility of contaminating the sensor in your detector and thus affecting its reliability:

- Never use cleaning solutions on your detector. Simply wipe with a slightly damp cloth
- Do not paint the detector
- Do not spray aerosols on or near the detector
- Do not use any solvent based products near the detector
- Move the detector to a safe location and

store in a plastic bag before painting, wall papering, or performing any other activities using substances that emit strong fumes. Remember to remove it from the bag and return the detector to its original location when these activities are finished

Failure of any test should be reported to the technical support line (see page 19 for contact details).

Do not attempt to repair your CO detector. Do not remove any screws or open the main casing of your detector. Any attempt to do so may cause malfunction and will invalidate the warranty.

# WHAT TO DO IN THE EVENT OF AN ALARM

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**!** **WARNING:** A loud alarm is a warning that unusually high and potentially lethal levels of carbon monoxide are present. Never ignore this alarm, further exposure can be fatal. Immediately check residents for symptoms of carbon monoxide poisoning, and contact the proper authorities to resolve all CO problems. **NEVER IGNORE ANY ALARM.**

Please carefully review this owner's manual to ensure that you know what actions to take in the event of an alarm.

## What to do during an alarm

- Keep calm and open the doors and windows to ventilate the property
- Stop using all fuel burning appliances and ensure, if possible, that they are turned off
- Evacuate the property leaving the doors and windows open
- Ring your gas or other fuel supplier on their emergency number; keep the number in a prominent place

Write your fuel supplier's emergency number here (see opposite for more useful numbers):

- Do not re-enter the property until the alarm has stopped. When exposed to fresh air it can take up to 10 minutes for the sensor to clear and the alarm to stop depending on the level of carbon monoxide detected
- Get medical help immediately for anyone suffering the effects of carbon monoxide poisoning (headache, nausea), and advise that carbon monoxide poisoning is suspected
- Do not use the appliances again until they have been checked by an expert. In the case of gas appliances the engineer must be registered

## UK USEFUL NUMBERS

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National Gas Emergency Service **0800 111 999** (24 Hours)

Gas Safe register **0800 408 5500**

Solid Fuel Association **0845 601 4406**  
Advisory service for domestic and solid fuel  
appliances

HETAS **0845 223 3033**  
Trade association for solid fuel engineers

OFTEC **0845 658 5080**  
Trade association for Oil Fired Appliance  
engineers

NACS **01785 811 732**  
National Association of Chimney Sweeps

IPHE **01708 472 791**  
Institute of Plumbing and Heating Engineers

## TECHNICAL INFORMATION

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Detector Specifications:	Model ZD-CO-9B
Sensor Type:	Electrochemical
Sensor Life:	7 Years
Alarm Sound Level:	85dB at 1m/3 feet
Recommended Batteries:	Size AA Alkaline - Duracell LR6, Energizer LR6, Gold Peak 1.5A
Battery Life:	Exceeds 1 year under normal operating conditions, replaceable
Temperature Range:	-10°C (14°F) to 40°C (104°F)
Operating Humidity Range:	30 - 90% RH
Weight (inc. batteries):	125 grams (4.4oz)
Certified to:	BS EN 50291 : 2001

**!** **WARNING:** Prolonged exposure to temperatures and humidity outside those stated above will reduce battery and sensor life.

This Zeta carbon monoxide detector is designed to continuously monitor for CO. Its response times meet the requirements of the European standard BS EN 50291:2001.

The alarm will sound:

- Between 60 and 90 minutes when exposed to 50ppm of CO
- Between 10 and 40 minutes when exposed to 100ppm of CO
- Within 3 minutes when exposed to CO levels of 300ppm or more



**!** **WARNING:** APPARATUS CONFORMING TO THIS STANDARD MAY NOT PROTECT PEOPLE WHO ARE AT SPECIAL RISK FROM CARBON MONOXIDE EXPOSURE BY REASON OF AGE, PREGNANCY OR MEDICAL CONDITION. IF IN DOUBT, CONSULT YOUR DOCTOR.

A CARBON MONOXIDE DETECTOR IS NOT A SUBSTITUTE FOR A SMOKE ALARM OR A COMBUSTIBLE GAS DETECTOR.

THE ZD-CO-9B HAS AN OPERATIONAL LIFETIME OF 7 YEARS FROM THE DATE IT IS INSTALLED AND ACTIVATED. RECORD THE DATE OF INSTALLATION ON THE STICKER PROVIDED AND REPLACE UNIT AFTER 7 YEARS OF OPERATION.

## DISPOSAL

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Waste electrical products should not be disposed of with regular household waste. Please recycle where facilities exist. Check with your local authority, retailer or the Zeta Technical Support Line (see page 19 for contact details) for recycling/disposal advice as regional variations apply.

The batteries should be removed before disposal of the detector. Both the batteries and the detector should be disposed of in line with current regulations.

You can also return your carbon monoxide detector to us for disposal. For return address see the section on Returns. Please include a note confirming the product is being returned for disposal.

**!** **WARNING:** DO NOT ATTEMPT TO OPEN - DO NOT BURN



# 7 YEAR WARRANTY

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## Warranty coverage

Zeta Alarm Systems warrants to the original purchaser that its enclosed sealed carbon monoxide detector be free from defects in materials and workmanship under normal residential use and service for a period of 7 (seven) years from the date of purchase.

Provided it is returned with postage prepaid and proof of purchase, Zeta Alarm Systems hereby warrants that during the 7 (seven) year period commencing from the date of purchase Zeta Alarm Systems, at its discretion, agrees to replace the unit free of charge. The warranty on any replacement Zeta ZD-CO-9B Carbon Monoxide Poisonous Gas Alarm will last for the remainder of the period of the original warranty in respect of the detector originally purchased – that is from the date of original purchase and not from the date of receipt of the replacement product. Zeta Alarm Systems reserves the right to offer an alternative product similar to that being replaced if the original model is no longer available or in stock. This warranty applies to the original retail purchaser from the date of original retail purchase and is not transferable. **Proof of purchase is required.**

## Warranty disclaimers

This warranty does not cover damage resulting from accident, misuse, disassembly, abuse or

lack of reasonable care of the product, or applications not in accordance with the user manual. It does not cover events and conditions outside of Zeta Alarms Systems' control, such as Acts of God (fire, severe weather etc). It does not apply to retail stores, service centres or any distributors or agents. Zeta Alarm Systems will not recognise any changes to this warranty by third parties. Zeta Alarm Systems shall not be liable for any incidental or consequential damages caused by the breach of any expressed or implied warranty. Except to the extent prohibited by applicable law, any implied warranty of merchantability or fitness for a particular purpose is limited in duration to 7 years.

This warranty does not affect your statutory rights. Except for death or personal injury, Zeta Alarm Systems shall not be liable for any loss of use, damage, cost or expense relating to this product or for any indirect, or consequential loss, damages or costs incurred by you or any other user of this product.

The warranty does not cover the batteries which are considered user-replaceable parts.

## **RETURNS**

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Should you encounter a problem with your alarm, we recommend that you contact the Zeta Technical Support Line in the first instance for advice on **+44 (0) 1792 455 175** (9.00am–5.00pm, Monday–Friday), as we may be able to remedy the problem quickly over the phone (this is to prevent unnecessary returns that take a longer time to process). Alternatively e-mail:

**[support@zetaalarmssystems.com](mailto:support@zetaalarmssystems.com)**

If there is a fault that we are unable to resolve then our technical support team member will issue you with a returns authority number so that your product can be returned for testing.

To return your Zeta ZD-CO-9B under warranty, send it suitably packed and with the batteries disconnected with postage prepaid; a note indicating the returns authority number and describing the reason for return, with proof of purchase to:

**Zeta Alarm Systems  
Detection House  
72-78 Morfa Road  
Swansea  
SA1 2EN**

## **PRODUCT RANGE**

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Zeta Alarm Systems provide an extensive range of Fire Alarm Systems, Gas Detection & Emergency Systems. For more details visit **[www.zetaalarmssystems.com](http://www.zetaalarmssystems.com)**

# NOTES

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