



# H450EN Self-contained Carbon Monoxide Alarm



## Why choose the H450EN

### Carbon Monoxide (CO) alarm:

- 6 year guarantee, up to 7 year life of alarm
- Superior electrochemical cell sensing technology
- Easy to install and use
- Automatic sensor adjustment function ensures complete accuracy
- Approved to EN50291:2001 and Kitemarked
- Continuous self test function
- Batteries pre-fitted in alarm
- No sensors to replace
- No mains power
- No maintenance



**The H450EN is an easy to use and reliable self-contained Carbon Monoxide alarm. Designed for use in all domestic environments such as homes, static caravans and home parks.**



All gas appliances should be checked for safety annually.

The H450EN has a unique fold down flap on the front of the unit which provides a range of useful information to the user without having to refer back to the comprehensive instruction manual.

This includes:

- A description of the potential alarm and fault signals that the unit can give
- What to do if the full alarm sounds and a contact telephone number
- Contact details for our CO Advice Line and CO alarm replacements
- Contact details for Gas Safe Register (ensure gas installers are properly registered)

### Sensor Technology

The latest electrochemical cell technology ensures complete accuracy and reliability giving a 6 year guarantee and up to 7 year life under normal operating conditions. It is officially approved and Kitemarked to the stringent performance requirements of EN50291:2001 - the European Standard for domestic Carbon Monoxide alarms.

### Installation

The H450EN is easily attached using the fixing kit provided, with no need for any wiring. No maintenance is required for the full 7 year life of the alarm, with no sensors or any parts to replace.

### Maintenance-free Operation

This alarm, including batteries, is guaranteed for 6 years. The batteries are sealed inside the alarm, preventing access by the user and do not require replacement for the whole life of the alarm (up to 7 years).

### The Professional's Choice

The H450EN is widely regarded as the professional's choice of Carbon Monoxide alarm and is the chosen unit of numerous major organisations such as gas suppliers, energy companies, local authorities and housing associations etc.

### Visual signalling



The H450EN provides a visual signalling in addition to its audible alarm. It enables the user to clearly distinguish between a

dangerous alarm situation, a fault situation like almost empty batteries, and normal operation. This is achieved with the new dual-colour status light, which will flash green to indicate normal operation, and yellow in case of a fault.



EN50291:2001

**Honeywell is a leading manufacturer of Carbon Monoxide alarms**

# General Specification



Specification	
<b>Detection Principle</b>	Electrochemical cell
<b>Operating Voltage</b>	3V
<b>Alarm Life</b>	Up to 7 years under normal operating conditions
<b>Alarm Indication</b>	Audible and visual alarm
<b>Buzzer Output</b>	> 85 decibels (dB) at 1m
<b>Operating Temperature Range</b>	-10 to +40°C
<b>Humidity Range</b>	30 to 90% RH non condensing
<b>Alarm Levels</b>	50ppm between 60 to 90 minutes 100ppm between 10 to 40 minutes 300ppm < 3 minutes (as required by EN50291:2001)
<b>Weight</b>	0.1kg (100g) approx.
<b>Dimensions</b>	110mm x 76mm x 34mm
<b>Test Facility</b>	Yes
<b>Self Check Function</b>	Yes


Ordering Information	
<b>Blister Pack (UK/FR/DE/NL)</b>	H2109B0181SE
<b>Trade Box (UK/FR/DE/NL)</b>	H2109B0180SE
<b>Trade Box (UK/IT/ES/PT)</b>	H2109B0180SEB




**Customer Branding**  
For specific volume contracts, we are able to screen print a customer logo on the front of the unit. This is particularly popular with Local Authorities, Housing Associations and Utilities. Terms and conditions apply - full details on request.

The H450EN is available in a blister pack or trade box.


**Contact Us**  
We also provide a **UK CO Advice Line/Call Centre** facility which is available Monday to Thursday 8.30am to 5pm and Friday 8.30am to 3.30pm. The Call Centre will answer any queries on our products and on CO. Please call **01202 645 577** for more information.



From 1 April 2009, all gas engineers in Great Britain and Isle of Man must be on the new Gas Safe Register® to do gas work lawfully. We fully support the efforts of Gas Safe Register® and will only recommend the use of Gas Safe registered engineers for the servicing of gas appliances.



The Carbon Monoxide Consumer Awareness Alliance (COCAA) 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.



Carbon Monoxide - Be Alarmed! is the national campaign to encourage the use of properly approved CO alarms to reduce the number of deaths and injuries caused by Carbon Monoxide. For more information about how to stay safe please visit the campaign website: [www.co-bealarmed.co.uk](http://www.co-bealarmed.co.uk)

# Our Gas Detection Product Range



## Fixed Gas Monitoring

We offer a wide range of fixed gas detection solutions for a diverse array of industries and applications including: Commercial properties, industrial applications, semiconductor manufacturers, energy plants and petrochemical sites.

- » Detection of flammable, oxygen and toxic gases (including exotics)
- » Innovative use of 4 core sensing technologies – paper tape, electrochemical cell, catalytic bead and infrared
- » Capability to detect down to Parts Per Billion (ppb) or Percent by Volume (%v/v)
- » Cost effective regulatory compliance solutions

## Portable Gas Monitoring

When it comes to personal protection from gas hazards, we have a wide range of reliable solutions ideally suited for use in confined or enclosed spaces. These include:

- » Detection of flammable, oxygen and toxic gases
- » Single gas personal monitors – worn by the individual
- » Multi-gas portable gas monitors – used for confined space entry and regulatory compliance
- » Multi-gas transportable monitors – used for temporary protection of area during site construction and maintenance activities

## Technical Services

We believe in the value of great service and customer care. Our key commitment is providing complete and total customer satisfaction. Here are just a few of the services we can offer:

- » Full technical support
- » Expert team on hand to answer questions and queries
- » Fully equipped workshops to ensure quick turnaround on repairs
- » Comprehensive service engineer network
- » Training on product use and maintenance
- » Mobile calibration service
- » Customised programmes of preventative/corrective maintenance
- » Extended warranties on products

### Find out more

[www.honeywellanalytics.com](http://www.honeywellanalytics.com)

### Contact us:

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