

SF450EN

**Honeywell**



**Self-contained  
Carbon Monoxide  
Alarm**

# Self-contained Carbon Monoxide Alarm



## Why choose the SF450EN Carbon Monoxide (CO) alarm:

- 6 year guarantee
- Superior electrochemical cell sensing technology
- Easy to install & use
- Automatic sensor adjustment function ensures complete accuracy
- Approved to EN50291:2001 & kitemarked
- Continuous self test function
- Batteries supplied & pre-fitted in alarm
- No sensors to replace
- No mains power
- No maintenance

**The SF450EN is an easy to use and reliable self-contained Carbon Monoxide alarm. Designed for use in all domestic environments such as homes, caravans and boats.**

### Sensor Technology

The latest electrochemical cell technology ensures complete accuracy and reliability giving a 6 year guaranteed 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 SF450EN is easily attached using the fixing kit provided, with no need for any wiring. No maintenance is required for the full 6.5 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 (6.5 years).



All gas appliances should be checked for safety annually.



**From Honeywell Analytics,  
Europe's No. 1 manufacturer and  
supplier of Carbon Monoxide alarms.**

# General specification



Specification	
<b>Detection Principle</b>	Electrochemical cell
<b>Operating Voltage</b>	4.5V
<b>Alarm Life</b>	6.5 years under normal operating conditions
<b>End of Alarm Life Warning</b>	3 short chirps every minute
<b>Alarm Indication</b>	Audible and visual alarm
<b>Buzzer Output</b>	> 85 decibels (dB) at 3m
<b>Operating Temperature Range</b>	-10 to +40°C
<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>	140g approx.
<b>Dimensions</b>	110mm x 76mm x 34mm
<b>Test Facility</b>	Yes
<b>Self Check Function</b>	Yes

## 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.

## Part Numbers

<b>Blister Pack (UK/FR/DE/NL)</b>	2109B0181SE
<b>Trade Box (UK/FR/DE/NL)</b>	2109B0180SE
<b>Trade Box (UK/IT/ES/PT)</b>	2109B0180SEB



The SF450EN is available in a blister pack or trade box.



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.

# Our Product Range



## Fixed Gas Monitoring

Honeywell Analytics offers 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, Honeywell Analytics has 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

At Honeywell Analytics, 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)

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