

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.



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.

As world leaders in gas detection, the Honeywell Analytics range of domestic gas alarms is built around the same innovative and powerful sensing technology that powers our professional range of gas detectors. The result is proven, reliable detection for a range of common gas hazards - providing complete peace-of-mind in the protection of people and property.

## The Honeywell Analytics range of gas detection



SF450EN

Europe's best-selling domestic Carbon Monoxide alarm, the SF450EN uses the latest electrochemical sensor technology to give users an audible and visual warning long before the level of CO reaches a dangerous level.



SF340 Series

The SF340 Carbon Monoxide alarms are hard wired with long life battery back up. They also incorporate a low cost replacement sensor module ensuring low cost of ownership and low maintenance.



Z10 Series

The Z10 offers users a reliable early warning of a leak of either natural or LPG flammable gas in a range of domestic environments including homes and caravans. Both mains (110-230Vac) and DC battery (12-24Vdc) versions available.



Z10 LPG Boat

The Z10 LPG boat alarms with remote sensors are designed to give an early warning of LPG leaks on boats and come in single or dual sensor versions, which can operate from a 12-24V DC power supply.



e<sup>2</sup>sense

As a portable pen-shaped detector, e<sup>2</sup>sense is the most convenient way to detect flammable gas hazards from pipes, fittings, valves, gas storage tank/cylinders and hot water heaters. Will detect natural gas, LPG and LNG.

### Find out more

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

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10/07

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