



BS 7860:1996
KM36020

Hard wired Carbon Monoxide Alarm

with battery backup

10 Year Guarantee
on main unit

The SF340 series

Why choose the SF340:

- Unique 5 year module replacement system
- Up to 5 years battery back up
- Low maintenance & low cost of ownership
- Secure installation
- 230Vac, 12 & 24Vdc options
- Easy integration within existing systems
- Interconnect and relay output options
- Every alarm is tested and calibrated in carbon monoxide
- No re-wiring or main unit replacement costs



**Carbon Monoxide
kills...
CO alarms
save lives!**

SF
Detection

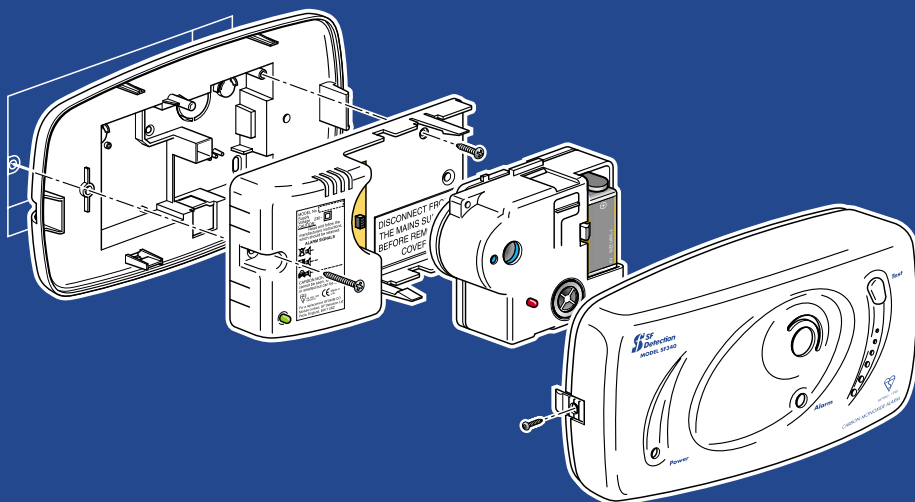
Leading the way in Gas Detection

Hard wired Carbon Monoxide Alarm

with battery backup

Key Facts

- The SF340 carbon monoxide alarm is the world's first hard wired CO alarm with battery backup to be officially approved and Kitemarked to BS7860, the British Standard for domestic CO alarms.
- Every unit in the SF340 series utilises the advanced MIDI 40 electrochemical cell sensing technology and comes complete with a full 10 year guarantee on the main unit and a full 5 year guarantee on each sensor module.
- Every unit in the SF340 series offers up to 5 years battery backup allowing for continuous protection – even in the event of power loss.
- Units can be provided to operate from various voltage options. 230Vac, 12Vdc and 24Vdc units are all available for differing applications.
- The SF340 has been specially designed for permanent, secure installation and is ideal for use by local authorities, housing associations and any organisation responsible for the safety of tenants and the maintenance of their homes.



Specifications for Model SF340

Detection Principle:	Electrochemical cell
Operating Voltage:	230Vac or 12Vdc or 24Vdc
Backup Battery:	9Vdc pp3
Power Consumption:	<2.5W
Main Unit Life:	No replacement required (10 year guarantee)
Module Life:	5 years (guaranteed)
Module	
Replacement Warning:	Double buzzer chirp every minute
Alarm Indication:	Buzzer and flashing red light
Buzzer Output:	85 decibels (dB) at 3m
Operating Temperature Range:	-5 to +40°C
Alarm Levels:	150ppm, between 10 to 30 minutes
(BS7860: 1996)	350ppm within 6 minutes
Weight:	575g approx.
Dimensions:	170 x 110 x 65mm
Test Facility:	Yes
Relay Output Fitted:	Available on request

Features

- The SF340 series of alarms incorporate a unique module replacement system. There are no re-wiring or main unit replacement costs, just a simple, clip-in module to change once every 5 years. This results in low ownership costs and minimal maintenance. Optional locking screws also ensure that only authorised persons can gain access to the unit.
- The SF340 offers simple, economical and secure installation using standard electrical fittings and can also be operational using the battery backup facility whilst waiting for permanent installation.
- Units are available with relay output and interconnect options. This enables connection to control panels, shut-off valves, remote alarms...etc, as well as allowing numbers of alarms to be linked together in series.
- An internal diagnostic facility means the SF340 carries out continuous self-monitoring. If any fault is located in the sensor, battery or circuits, the unit will automatically give a warning signal within 60 seconds.



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SF Detection is part of the world's largest gas detection company, with over 40 years experience getting products right for customers' needs. Our technical services department can provide professional advice and if required, training programmes, to specifiers, installers and users on any matters relating to the installation and operation of CO detectors.

The introduction of the SF340 series means that SF detection can now offer the total solution to all your CO detector needs.

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This publication is not intended to form the basis of a contract and the company reserves the right to amend the design of the instruments without notice.