

SONA® WCOB-SN-1

Wireless carbon monoxide alarm
with 10 year lithium battery

Wi-Safe® 2

Dimensions:

Height: 94mm

Width: 114mm

Depth: 39.5mm

Weight: 189g



Features

- Sealed for life, tamper resistant, 10 year lithium battery.
- No fuss - quick and simple installation.
- Single pin fitting option.
- Mixed system compatibility:
 - Wireless and hardwired*.
 - Mains and battery powered alarms.
- Resistant to false alarms caused by normal household contaminants.
- End of life indication.

*When used in conjunction with at least one other wireless alarm on a hardwired network.

Technical Specification

Battery	10 year sealed for life lithium battery
Technology	Electrochemical / Wi-Safe 2
Alarm sound level	85dB (A) at 3m (minimum)
Installation positions	Wall / Freestanding
Operating temperature	-10° C to +40° C
Operating humidity	30% to 90% RH non-condensing
Storage temperature	-20° C to +60° C
Storage humidity	30% to 90% RH non-condensing
Plastic material	UL94 V0 flame retardant
Warranty	5 years
Master pack quantity	4
Approvals	BS EN 50291-1 & 2: 2010
Independently tested to	ETSI EN 300 220-2 V2.3.2 (2010-02), EN300489-1 & -3, EN300220-2 - Radio
Operating frequency	868 MHz
Maximum number of connected units	50 wireless units
Wireless Range	35m (over 200m in clear air)



EN 50291-1:2010
EN 50291-2:2010
KM 551504

Wi-Safe 2 module contained within WCOB-SN-1
independently tested to RF standard ETSI EN 300
220-2 V2.3.2 (2010-02) by TRaC Global Ltd
EN300489-1 & -3 / EN300220-2 - Radio

FOR FURTHER INFORMATION OR SALES ENQUIRIES:

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Wireless carbon monoxide alarm with 10 year lithium battery

- The carbon monoxide alarm shall carry the BSI Kitemark to indicate type testing to BS EN50291-1: 2010 and BS EN50291-2: 2010. The alarm shall carry the CE mark to indicate conformance to all of the applicable EC directives including Low Voltage and Electromagnetic Compatibility Directives.
- The alarm shall have an advanced electrochemical sensor capable of lasting 10 years. Each sensor shall be calibrated and tested in CO gas to ensure accuracy.
- The alarm shall include a non-removable integrated lithium battery which has a 10 year life in normal operating conditions.
- The alarm shall incorporate a diagnostic function which monitors alarm activations and facilitates fault finding.
- The alarm shall incorporate a Wi-Safe 2 intelligent communication module as standard, which wirelessly interlinks with up to 50 other units with Wi-Safe 2 technology inside on a single network. All units shall have the ability to be learnt into a single network by an easy 2 button process.
- The wireless Wi-Safe 2 module shall have a separate 10 year sealed for life lithium battery designed to outlast the usable life of the alarm.
- The Wi-Safe 2 radio frequency shall be 868 MHz band in accordance with R&TTE Directive 1999/5/EC.
- A simple 2 button process enables alarms to communicate with each other on a unique coded network. Additional units can be added on to the network using the same procedure.
- The alarm shall be capable of working on a mixed system to include hard-wired and wireless mains and battery alarms of a similar type.
- On a mixed network of alarms (CO, smoke and heat), all alarms will sound a CO alarm pattern upon detection of CO.
- The alarm shall be supplied with an integral flip down bracket and can be fitted securely to the wall either with screws or a single pin fitting option for rapid installation. The alarm shall also be capable of free standing for flexible installations around a property.
- The alarm shall feature an optional tamper resistant function where required that can securely lock the alarm into place after installation and thereafter the alarm can only be removed with a tool.
- The alarm shall have a low battery warning signal, which will 'chirp' every 45 seconds for at least 30 days to indicate when a replacement of the alarm is required. All other alarms on the network shall also emit an audible low battery chirp once every 4 hours. This will continue until the alarm which has the low battery condition is removed.
- The alarm shall incorporate 'Sleep Easy' functionality whereby a low battery chirp can be silenced for a period of 8 hours by pressing the test button on the smoke / heat alarm. This function can be used up to 10 times.
- The alarm shall have a built in sounder giving a minimum sound output of 85dB (A) at 3m.
- The alarm shall incorporate a large central concave test / silence button to test circuitry, sensor and sounder and activate all interconnected alarms in the system.
- The alarm features an intelligent Smart Silence / locate feature whereby pressing the test / silence button on any alarm in the network will silence all but the initiating alarm.
- The alarm shall have an end of life indication.
- The alarm shall be manufactured from ABS, UL94 V0 fire retardant plastic.
- The alarm shall be supplied with installation / user instructions.
- The alarm shall have the following dimensions: 114mm width x 39.5mm depth x 94mm height.
- The alarm shall have the following weight: 189g.
- The alarm has a 5 year warranty.