

FA6813 CARBON MONOXIDE ALARM - USER MANUAL

The original English version of the manual, from which these translations were taken, has been independently approved. In case of discrepancy with translated parts, FireAngel Safety Technology Limited confirms that the English guide is true and correct.

For the earliest warning, we recommend this CO alarm is fitted in a room where the temperature is between -10°C (14°F) and 40°C (104°F). Usage outside the temperatures stated above will reduce product life. This CO alarm is suitable for use in domestic premises only. This CO alarm is not intended for any non-residential, commercial or industrial application, nor for any other purpose than described above. It is not designed for use in recreational vehicle (RV) or boat. This alarm must be installed by a competent person, able to install according to the instructions. Please keep this user manual in a safe place.

Technical Support

Online: www.fireangeltech.com/support
E-mail: technicalsupport@fireangeltech.com
Liv (koolmonoxide): 0330 094 5830
Fire & Rescue Customers: 0800 141 2561
www.fireangeltech.com

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Note: This user manual is also available in large text and other formats. Please email: technicalsupport@fireangeltech.com or call 0330 094 5830 for further information

2. INSTALLATION

2.1. Alarm activation

• To activate your CO alarm, insert batteries into the rear of device, it will automatically activate.

When alarm first activates, the green light can flash rapidly while setting up. If it does, wait until the alarm returns to a heart beat flash before testing

• Press and hold the Test /  button to test the alarm (see section 4), the test will happen during this hold period.

Release test button to exit test mode

3. CO ALARM AWARENESS

A loud alarm is a warning that potentially lethal levels of carbon monoxide are present. NEVER IGNORE THIS ALARM, FURTHER EXPOSURE CAN BE FATAL. Immediately check residents for symptoms of CO poisoning. Contact the proper authorities to resolve all CO problems.

Icon Key

-  Warning: CO Flashes Red
-  Fault/Low Battery Flashes Amber
-  Power Flashes Green

NOTE: The "Power" LED flashes once every 40 seconds to indicate the device is active.

ALARM

When dangerous levels of CO are detected a loud audible signal of 4 chips repeated (85 dB at 3m) will sound & red warning flash at the same time. The higher the concentration of CO detected, the quicker the alarm will respond.



Alarm sound:  → 
Red flash:  → 

The alarm will sound:

Between 60 & 90 mins when exposed to 50ppm of CO

Between 30 & 60 mins when exposed to 100ppm of CO

Within 3 mins when exposed to 300ppm or more of CO.

DEPENDING ON THE LEVEL OF CO DETECTED, IT CAN TAKE UP TO 10 MINUTES TO CLEAR THE SENSOR AND THE ALARM TO STOP. DO NOT RE-ENTER THE PROPERTY UNTIL THE ALARM HAS STOPPED.

The following symptoms may be related to CO poisoning which all household members should be aware of.

- Mild Exposure: Slight headache, vomiting, fatigue (often described as "flu-like" symptoms).
- Medium Exposure: Severe throbbing headache, drowsiness, confusion, fast heart rate.
- Extreme Exposure: Unconsciousness, convulsions, cardiorespiratory failure, death.

Your CO alarm monitors levels of CO as parts per million (ppm) in the air surrounding the detector.

35ppm The maximum allowable concentration for continuous exposure for healthy adults in any 8 hour period (as recommended by the Occupational Safety & Health Administration).

200ppm Slight headache, fatigue, dizziness, nausea after 2 - 3 hours.

400ppm Frontal headaches within 1 - 2 hours, life threatening after 3 hours.

ALARM SILENCE

WARNING: If the cause of an alarm is unknown, ventilate and evacuate your property before using this feature.
Press the Test /  button.
The sounder will stop and enter into Silence mode for 5 minutes.

NOTE: The alarm will not silence if more than 150ppm has been detected. Silence mode can only be activated once (until CO returns to negligible levels). Once the Silence mode is enabled, if the CO level rises above 180ppm the device will exit Silence mode and continue to sound.
After 5 minutes if the CO level still high the device will continue to sound.

VENTILATE & EVACUATE

SLEEP EASY™ SILENCE FEATURE

If a low battery warning 'chirp' occurs at night it may be inconvenient to replace the batteries in the alarm. You can silence the 'chirp' by pressing the Sleep /  button. The alarm will silence for 8 hours and the amber LED will continue to flash.

Replace the batteries as soon as possible. Once the batteries have been replaced, the Sleep Easy feature will be disabled for 30 days.

NOTE: You can silence your device a maximum of 10 times.
NOTE: During Sleep Easy mode the unit still detects CO and will alert you to any new faults.

REPLACE BATTERY

ALARM IN ABSENCE

When a CO alarm has occurred in your absence, your device will notify you so that you can take appropriate action at the earliest opportunity.

If the device is not silenced during an alarm it will continue to sound until the CO level has reduced to below 50ppm.
After which the device will flash the red warning light twice every 40 seconds to indicate that dangerous CO levels have been detected in your absence.
The red warning light will continue to flash for 7 days if the Test /  button is not used to cancel it.

VENTILATE & CALL A TECHNICIAN

4. MAINTENANCE

Test the alarm every month. Press and hold the Test button, The FA6813 alarm will sound and flash the red LED 4 times. If the alarm does not do either of these, contact Technical Support.

Release the test button to exit test.

NOTE: The above method fully tests all elements of the alarm.

- Do not use any other test method except the process described in this manual.
- Do not tamper with the alarm as this could cause electric shock or malfunction.
- Vacuum your alarm every 3 months. Do not use cleaners or solvents. Do not paint the alarm.
- The replacement date can be found next to the 'REPLACE BY' marking on the alarm.

WARRANTY AND DISPOSAL

FireAngel Safety Technology Limited warrants to the original purchaser that its enclosed CO alarm is free from defects in materials and workmanship under normal residential use and service for a period of 3 (three) years from the date of purchase (replaceable batteries for FA6813 not included in warranty). Provided the product is sent back to FireAngel Safety Technology Limited with proof and date of purchase, FireAngel Safety Technology Limited hereby warrants that during the 3 (three) year period commencing from the date of purchase FireAngel Safety Technology Limited, at its

discretion, agrees to replace the unit free of charge. The warranty on any replacement FA6813 alarm will last for the remainder of the period of the original warranty in respect of the alarm originally purchased – that is from the date of original purchase and not from the date of receipt of the replacement product. FireAngel Safety Technology Limited reserves the right to offer an alternative product similar to that being replaced if the original model is no longer available or in stock. This warranty applies to the original retail purchaser from the date of original retail

purchase and is not transferable. Proof of discharge is required. This warranty does not cover damage resulting from accident, misuse, disassembly, abuse or lack of reasonable care of the product, or applications not in accordance with the user manual. It does not cover events and conditions outside of FireAngel Safety Technology Limited's control, such as Acts of God (fire, severe weather etc.). It does not apply to retail stores, service centres or any distributors or agents. FireAngel Safety Technology Limited will not recognise any changes to this warranty

by third parties. For FA6813, this warranty does not cover replaceable batteries which are considered user-replaceable parts. FireAngel Safety Technology Limited shall not be liable for any loss of use, damage, cost or expense relating to this product or for any indirect, or consequential loss, damages or costs incurred by you or any other user of this product. For FA6813, once the batteries are removed, the low battery warning chip will stop. The batteries should always be removed before disposal. Waste electrical products should not be disposed of with your other household waste. The alarm is ideally suited for disposal within the waste

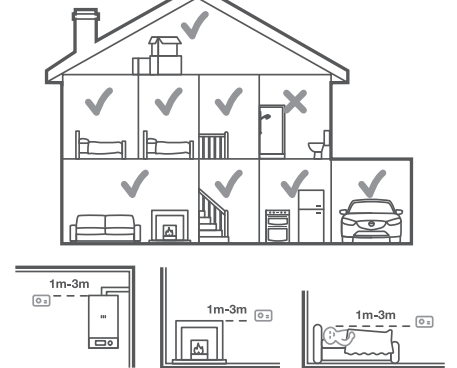
recycling scheme. Please recycle where facilities exist. Check with your local authority, retailer or contact our Technical Support team for recycling/disposal advice as regional variations apply. For FA6813, once the batteries are removed, the low battery warning chip will stop. The batteries should always be removed before disposal. Do not attempt to open. Do not burn.

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1. POSITIONING

In which room should the alarm be installed?

Your carbon monoxide (CO) alarm is suitable for the landing, hallway, bedroom, living room, dining room and kitchen. Common sources of CO include: oil and gas boilers, portable generators, oil or solid fuel cookers, gas or paraffin heaters, barbecues, clogged chimneys, wood or gas fireplaces, any gas or fossil fuel-burning appliance and even adjoining properties. Do not install the CO alarm in areas which are excessively dusty, dirty or greasy. Dust, grease and household chemicals can affect the performance of the sensor.



Additional alarms may be installed to ensure that adequate warning is given for occupants in other rooms, by locating alarms in:

- Remote rooms in which the occupants(s) spend considerable time whilst awake and from which they may not be able to hear an alarm from apparatus in another part of the premises, and;
- every sleeping room.

Alarms located in sleeping rooms and in rooms remote from a fuel-burning appliance should be located relatively close to the breathing zone of the occupants.

For further guidance on siting and mounting of the apparatus consult EN 50292. Installation of the alarm should not be used as a substitute for proper installation, use and maintenance of fuel burning appliances including appropriate ventilation and exhaust systems.

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