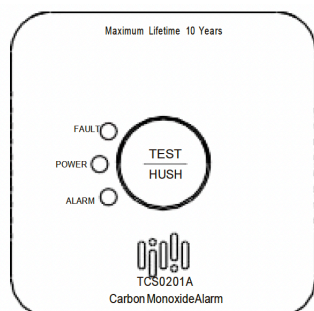


Stove Buddy Carbon Monoxide Alarm

Thank you for purchasing the TCS0201A alarm, manufactured for Stove Buddy to the following standards

EN 50291-1:2010 + A1:2012. EN 50291-2:2010



SPECIFICATION

Power: DC 3V Lithium battery operated (battery not replaceable)

Battery Life: 10 Years

Type Apparatus: Type B

Sensor: Electrochemical

Product Lifetime: 10 years after initial activation

Operation Ambient Condition: 0 ~ 40 °C ,

25~90%R.H.

Note: This Carbon Monoxide alarm is designed to detect Carbon Monoxide gas from any source of combustion. It is not designed to detect any other gases.

RECOMMENDED INSTALLATION LOCATIONS

The following suggestions are intended merely as guidance to help you to position and install your alarm. We recommend that if this alarm is used when a Woodburning, or Multifuel stove is installed that these instructions are considered to have been superseded by the latest method issued by HETAS. Refer to www.hetas.co.uk for up to date guidance.

1: Place out of the reach of children. Under no circumstance should children be allowed to handle the alarm.

2: Install in a bedroom or hallway located close to the sleeping area. Take special care to verify the alarm can be heard in sleeping areas.

3: It is recommended that an alarm be installed on each level of a multi level home.

4: If located on a wall the alarm should be at least 150mm from the ceiling. If there is a need to install on a wall with windows or doors, locate the alarm as high above these as possible, but still at least 150mm below the ceiling. Place between 1 and 3 metres horizontally from the appliance. If in a room with a sloping ceiling then locate to the higher side of the room.

5: If located on the ceiling then we recommend the alarm be placed at least 300mm away from any wall

and between 1 and 3 metres horizontally from the appliance.

6: Do not place near fresh air vents or close to doors and windows that open to the outside.

7: Keep the alarm away from excessively dusty, dirty, or greasy areas such as kitchens, garages and furnace rooms. Dust, grease and household chemicals can affect the sensor.

8: Do not install in areas where the temperature is likely to fall below 0°C, or higher than 40°C.

9: Do not place behind curtains or furniture.

ACTIVATION

Press test button and hold it for above 3 seconds until RED LED lights, and release it within 2 seconds, the unit will generate a "beep" indicates that it is activated and goes into work status.

INSTALLATION INSTRUCTIONS:

Caution:

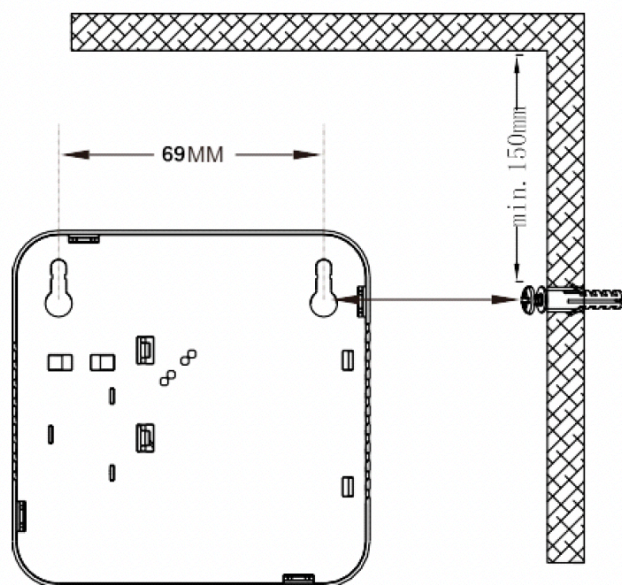
The alarm should be installed by a competent person

Mounting the alarm

Please refer to Diagram 1.

- 1: Drill holes in the wall using a 5mm drill bit and insert the plastic plug.
- 2: Insert the screw until it is about 5 mm from the wall.
- 3: Place the unit over the screw.

Diagram 1



OPERATION

1. Fix the alarm on the wall, see Diagram 1.
2. After activation, the product will enter the preheating state for 5 minutes. The red LED light will flash once per 4 seconds which indicates Preheating state.
3. The green LED light will flash once within 50 seconds which indicates normal operation.
4. Test the alarm by pressing the test button, at this time, the LED will flash with "BI-BI-BI-BI". The alarm signal pattern is 4 quick beeps followed by 1.5 seconds of silence.

Note:

Test unit using the Test button immediately after Installation.

TEST BUTTON

The Test button is used to test the unit's electronics and to hush the unit during alarm.

Test The Unit

To test, press and release the Test button, you will hear sound continuously and with a corresponding red LED flashing.

Note:

Test the unit every month!

If at any time your unit does not perform as described, please replace immediately.

Note: After the Test button is pressed and released, the alarm sounds and the red alarm light flashes. This does not indicate that Carbon Monoxide is present.

HushTheAlarm

If the alarm is sounding, pressing and releasing the Test button will stop the alarm for about 10 minutes. If during 10 minutes, the concentration is more than 150ppm, the alarm will sound immediately and repeatedly.

Hush The Fault Or End Of Life Alert

If the FAULT or End of Life alert is sounding, pressing and releasing the Test button will stop the alarm for about 14 hours. The FAULT indicator (yellow)remains flashing.

LED INDICATOR LIGHT

1. If a dangerous level of Carbon Monoxide is detected, the red alarm LED will flash continuously and the alarm will sound, until Carbon Monoxide is eliminated.
2. If battery failure or low battery is detected. An intermittent "chirp" with yellow LED flashes once every 50 seconds.

3. If sensor failure is detected, the yellow LED of the alarm will flash twice approximately every 50 seconds and the horn will synchronise two "squeak" calls.
4. When the alarm has life expired, the yellow LED of the alarm will flash three times approximately every 50 seconds, the horn will synchronise three times "squeak" calls.
5. If the alarm is functioning normally, the green LED will flash once per 50 seconds.

WHAT TO DO IF THE ALARM SOUNDS

WARNING! –Action of this device indicates the presence of dangerous levels of Carbon Monoxide!

Carbon Monoxide can be fatal!

If the alarm sounds:

1. Operate the Test button.
 2. Shut down the appliance
 3. Immediately allow fresh air from outside to circulate by opening a door or window.
- Vacate the room and do not re enter until the premises have been fully ventilated, and your alarm returns to its normal condition.

4. After following steps 1-3, if your alarm reactivates within a 24 hour period, repeat steps 1-3 call a qualified appliance technician, preferably the individual you had it installed by, to check for sources of Carbon Monoxide from your stove and inspect for proper operation of this alarm, if problems are identified during this inspection, please ensure the stove serviced immediately.

Note any combustion equipment not inspected by the technician and consult the manufacturer's instructions or contact the manufacturer directly for more information about Carbon Monoxide safety and this equipment.

GENERAL MAINTENANCE

To keep your alarm in a good working order, please follow these simple steps:

1. Verify the alarm and LED lights operation by pushing the Test button once a month.
2. Remove the unit and clean the alarm cover and vents with a soft brush attachment once a month to remove dust and dirt.
3. Never use detergents or solvents to clean the unit.
4. Avoid spraying air fresheners, hair spray, or other aerosols near the alarm.
5. Do not paint the unit. Paint will seal the vents and interfere with the sensor's ability to detect carbon

monoxide. Never attempt to disassemble the unit or clean inside. This action will void your warranty.

6. As soon as possible, place the alarm back in its proper location to assure continuous protection from Carbon Monoxide poisoning.

7. When household cleaning supplies or similar contaminants are used, the area should be ventilated.

Warning: The following substances can affect the sensor and cause false readings:

Methane, Propane, Isobutene, Isopropanol, Ethylene, Benzene, Toluene, Ethyl Acetate, Hydrogen Sulphide, Sulphur Dioxides, alcohol based products, paints, thinner, solvents, adhesives, hair sprays, aftershaves, perfumes and some cleaning agents.

Warning: Your CO alarm will not be operational and will not monitor for CO levels without the battery.

Warning: Tampering with the alarm is dangerous.

Warning: The alarm cannot prevent the chronic effects of exposure to CO.

Warning: The alarm does not protect individuals from a specific risk.

Warning: This apparatus is designed to protect individuals from the acute effects of carbon monoxide exposure. It will not fully safeguard individuals with specific medical conditions. If in doubt consult a medical practitioner.

CARBON MONOXIDE OVERVIEW

Carbon Monoxide is colourless, odourless and tasteless, but can be fatal. The build up of Carbon Monoxide in the blood is called the carboxyhemoglobin level and interferes with the body's ability to supply itself with oxygen. Depending on the concentration of Carbon Monoxide, it can kill in minutes.

The most common sources of Carbon Monoxide are malfunctioning gas appliances used for heating and cooking, vehicles running in an attached garage, blocked chimneys or flues, portable fuel burning heaters, fireplaces, and operating a grill in an enclosed space.

Indications of Carbon Monoxide poisoning include symptoms similar to the flu, but with no fever. Other symptoms include dizziness, fatigue, weakness, headache, nausea, vomiting, sleepiness and confusion. Everyone is susceptible to the danger of Carbon Monoxide, but experts agree that unborn babies, small children, pregnant women, senior citizens and people with heart or respiratory problems are at the highest risk of serious injury or death.

CARBON MONOXIDE POISONING SYMPTOMS

35 PPM: The maximum allowable concentration for continuous exposure for healthy adults in any 8 hour period.

200 PPM: Slight headaches, fatigue, dizziness, nausea after 2–3 hours.

400 PPM: Frontal headaches within 1–2 hours, life threatening after 3 hours.

800 PPM: Dizziness, nausea and convulsions within 45 minutes. Unconsciousness within 2 hours. Death within 3 hours.

1600 PPM: Headache, dizziness and nausea within 20 minutes. Death within 1 hour.

6400 PPM: Headache, dizziness and nausea within 1–2 minutes.

The above levels of exposure relate to healthy adults. Levels differ for those at high risk. Exposure to high levels of Carbon Monoxide can be fatal or cause permanent damage and disabilities.

Many cases of reported Carbon Monoxide poisoning indicate that while victims are aware they are unwell, they become so disoriented they are unable to save themselves by either exiting the building, or calling for assistance.

Young children and household pets may be the first effected.

End of life Disposal

Waste electrical products should not be disposed of with your other household waste. The alarm is ideally suited for disposal within the waste electronic and electrical equipment (WEEE) recycling scheme.

Please recycle where facilities exist. Check with your local authority, retailer for recycling/disposal advice, as regional variations apply.

WARNING: Do not burn or dispose of in fire.

WARNING: If your alarm is dropped or damaged, as a precaution, it should be removed from the building.

Warranty

Stove Buddy warrants to the original purchaser that its enclosed CO alarm be free from defects in materials and workmanship under normal residential use and service for a period of 10 years from the date of purchase. Provided product is sent back to Stove Buddy with proof and date of purchase, Stove Buddy hereby warrants that during the 10 year period commencing from the date of purchase Stove Buddy, at its discretion, agrees to replace the unit free of charge.

The warranty on any replacement 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.

Stove Buddy 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 purchase 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 guide. It does not cover events and conditions outside of Stove Buddy'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. Stove Buddy will not recognise any changes to this warranty by Third Parties.

Stove Buddy shall not be liable for any incidental or consequential damages caused by the breach of any expressed or implied warranty. Except to the extent prohibited by applicable law, any implied warranty of merchantability or fitness for a particular purpose is limited in duration for 10 years. This warranty does not affect your statutory rights. Except for death or personal injury, Stove Buddy 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.