

**Definitions:**

A **carbon monoxide alarm** is a single or multiple station device that senses carbon monoxide and is capable of emitting a distinct and audible sound.

A **combination alarm** is a single or multiple station device that detects visible or invisible products of combustion including a built-in internal alarm signal and the same single or multiple station device that also senses carbon monoxide and is capable of emitting a distinct and audible sound.

**Disclaimer**

This publication is intended to be a guide to assist in answering general inquiries. This publication does not include all aspects of the relevant codes. Code requirements vary depending on numerous factors. For specific questions, please contact our office.

**Permits**

Permits are required for constructing, enlarging, altering, repairs, moving demolishing or changing the occupancy of a structure. All electrical, heating, and plumbing work is to be completed by licensed contractors under permit. Applications for permits may be obtained through the Permits office on the 3rd floor of City Hall. Questions about permits call 301-739-8577 Ext. 123 or email [permits@hagerstownmd.org](mailto:permits@hagerstownmd.org)

Phone: 301-739-8577, Ext. 103

Fax: 301-791-2650

Email: [codecompliance@hagerstownmd.org](mailto:codecompliance@hagerstownmd.org)

**April 2025**



Department of Housing & Community Development  
One East Franklin Street, Suite 300  
Hagerstown, Maryland 21740

# Carbon Monoxide Alarms



# Requirements



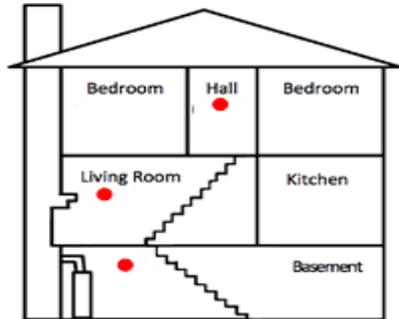
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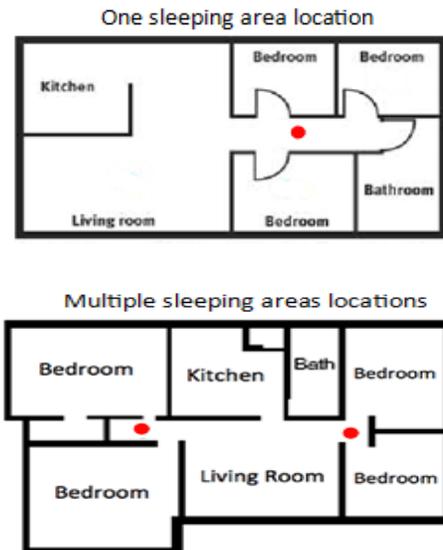
# Carbon Monoxide Alarms

## Location Requirements

Carbon Monoxide alarms shall be installed on every level of a structure including basements.



Combination alarms shall be installed and maintained in the area of the bedrooms and on each level.



## Power Requirements

All structures shall meet one of the following power sources requirements:

- 10 year lithium battery powered carbon monoxide alarms that are sealed and tamper-resistant
- AC primary with battery backup carbon monoxide alarms
- Alarms connected to an on-site control unit that monitors the carbon monoxide alarms remotely

## Mounting Requirements

All carbon monoxide alarms shall be mounted in accordance with the manufacturers installation instructions.

## Listing Requirements

All carbon monoxide alarms shall be in compliance with UL2034 or UL 2075.

All combination alarms shall be in compliance with UL217 or ANSI/UL268 and UL2034 or UL 2075.

## Interconnection

All carbon monoxide alarms within a dwelling unit are to be interconnected.

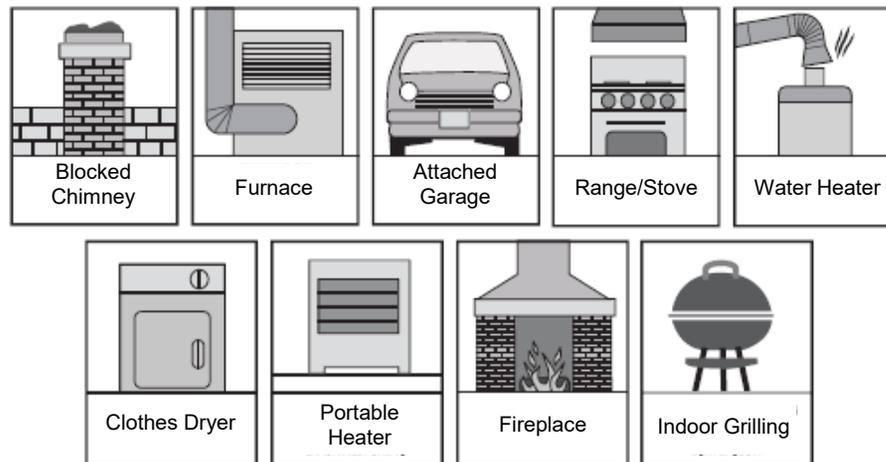
## Hearing Impaired

An owner of a structure with a deaf or hearing impaired occupant shall install a carbon monoxide alarm or combination alarm so that when activated provides a signal sufficient to warn the deaf or hearing impaired resident(s) or occupant(s).

## Other Requirements

Additional carbon monoxide alarms may be required by the Code Official.

## POTENTIAL SOURCES OF CO



**Fossil Fuels are:**

- Natural Gas
- Propane
- Oil
- Coal