



Carbon Monoxide Detector Requirements

International Fire Code 2018

915.2.1 Dwelling Units

Carbon Monoxide detection shall be installed in dwelling units outside of each separate sleeping area in the immediate vicinity of the bedrooms. Where a fuel-burning appliance is located within a bedroom, or its attached bathroom, carbon monoxide detection shall be installed within the bedroom.

Layman's Terms: If there is a furnace or fuel-burning appliance inside the bedroom or a master bathroom with a furnace closet, that specific bedroom must have a carbon monoxide detector installed in it.

915.2.2 Sleeping Units

Carbon Monoxide detection shall be installed in sleeping units.

Exception: Carbon Monoxide detection shall be allowed to be outside of each separate sleeping area in the immediate vicinity of the sleeping unit where the sleeping unit or its attached bathroom does not contain a fuel-burning appliance and is not served by a forced air furnace.

Layman's Terms: If there is no fuel-burning appliance within a bedroom or attached bathroom, a Carbon Monoxide detector needs to be installed in the hallway outside of the bedroom areas.

915.2.4 C/O-producing forced-air furnace

Carbon monoxide detection complying with Item 2 of Section 915.1.1 shall be installed in all enclosed rooms and spaces served by a fuel-burning, forced-air furnace.

Layman's Terms: The code clearly states that all rooms that have a furnace vent in them must have a carbon monoxide detector installed. However, the Meridian Township Fire Marshal has agreed that one carbon monoxide detector per unit and per floor should represent the intent of the Fire Code section.



Smoke Detector Requirements

International Fire Code 2018

907.2.10 Single and multiple station smoke alarms

Listed single- and multiple-station smoke alarms complying with UL 217 shall be installed in accordance with Sections 907.2.10.1 through 907.2.10.7.

Single and multiple station smoke alarms shall be installed in all of the following locations:

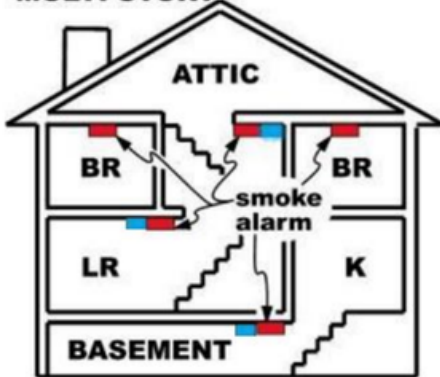
1. In each room used for sleeping purposes.
2. On the ceiling or wall outside of each separate sleeping area in the immediate vicinity of bedrooms.
3. In each story of the dwelling unit, including basements.

(Exception: Buildings with an approved fire alarm system that meets the above listed areas)

- Where smoke detectors are hard-wired or interconnected, they shall be maintained as such.
- Follow manufacturer instructions for recommended locations and locations to avoid, such as proximity to heating or cooking appliances.
- Smoke alarms shall not be installed less than six feet horizontally from a permanently installed cooking appliance or less than three feet horizontally from the door or opening of a bathroom that contains a bathtub or shower.
- Smoke alarms shall be replaced not more than 10 years from the date of manufacture marked on the unit or shall be replaced if the date of manufacture cannot be determined.

**PLACE ONE SMOKE
 ALARM ON EVERY FLOOR
 AND SLEEPING ROOM**

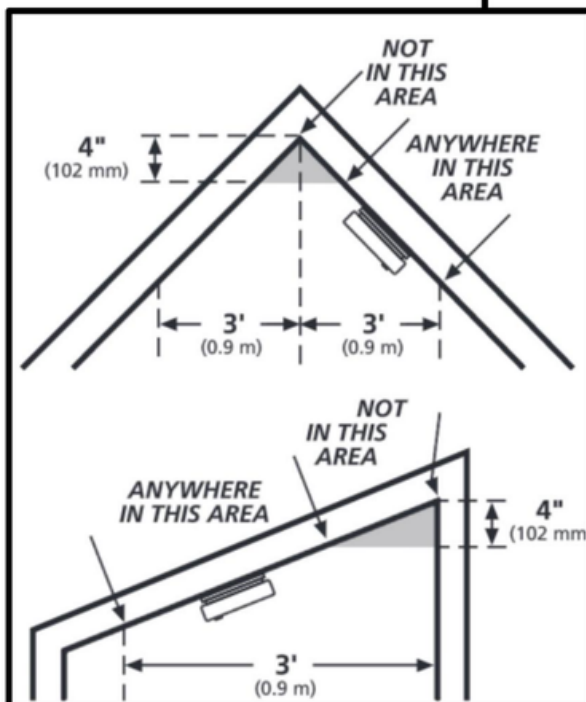
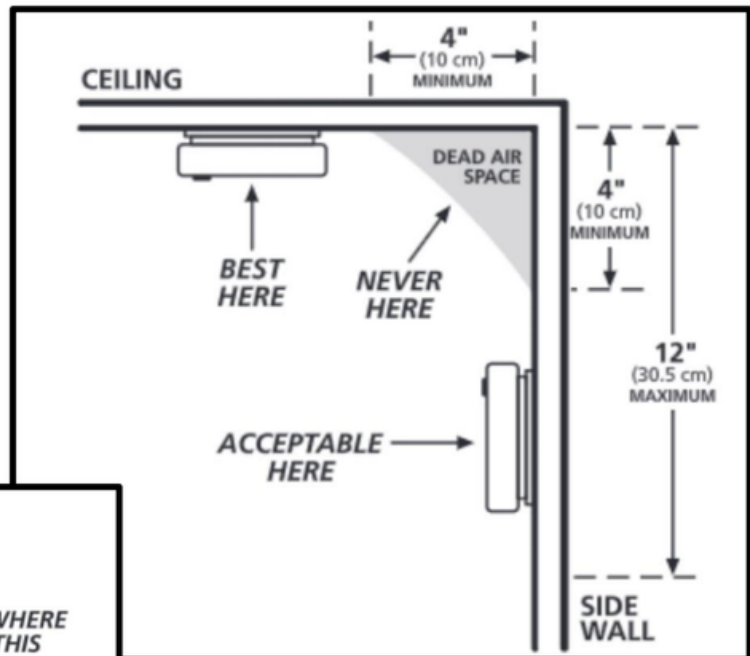
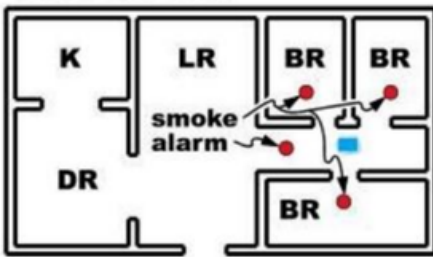
MULTI-STORY



Carbon Monoxide
 Detector

Smoke
 Detector

SINGLE LEVEL



Alarms shall be installed at a
 minimum distance of 3 feet
 from fans and vents.