



# Smoke Alarms and Carbon Monoxide Devices

## Know your device:

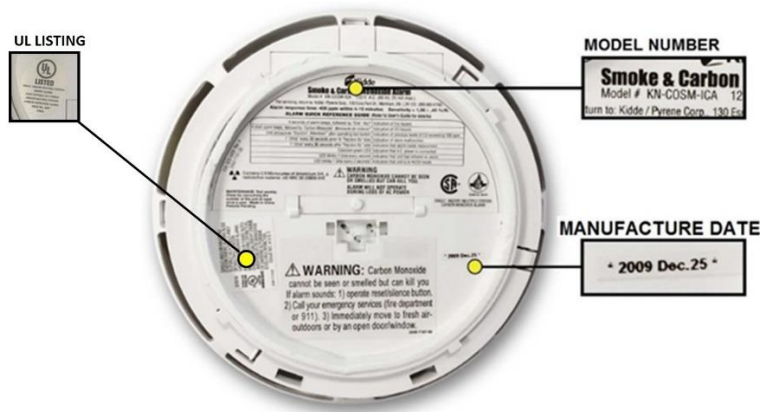
- Must be “single-station smoke alarm” listed to (ANSI/UL) 217
- Locations where 120volt power is not provided, must also have a 10-year tamper-proof battery
- Smoke and Carbon “combo device” is acceptable
- Existing devices over 10yrs old , must be replaced
- Carbon Monoxide Devices (separate or combo) are also required, listed to (UL) 2034

## Where required:

**Smoke Alarms** - Every room intended for sleeping, the room or hallway outside a bedroom, and one on each level of the home excluding crawl spaces and uninhabited attics.

**Carbon Monoxide** - Outside each separate sleeping area or in bedrooms that contain a fuel-burning appliance.

## How to identify



## Where to place



## Smoke Alarms – Power source and Interconnection

- Must be powered with building power (120volts) with a battery backup. This only affects NEW homes and homes that currently have hardwired devices (*generally built after 1991*). DO NOT install a battery only device over an electrical opening.
- Required locations that currently do not have a device may use a battery-operated device.
- Interconnection must be provided either by a wired connection or by wireless technology. This affects homes that currently have this capability, homes that are undergoing a project that requires a building permit, and homes that are required to comply with the City of Urbandale Electrical Upgrade requirements (typical of new electric services)
- Rentals properties would not be affected unless they fall into the above description.

## Carbon Monoxide Alarms – Power source and Interconnection

- Must be powered with building power (120volts) with a battery backup. This only affects NEW homes and homes that currently have hardwired devices (*generally built after 1991*).
- May be independent or part of an interconnected Smoke Alarm system
- Where more than one carbon monoxide device is required, interconnection must be made either by a wired connection or by wireless technology (similar to a smoke to detector)
- Rentals properties are required to provide the device, but interconnection would not be required, unless there are renovations requiring a building permit.