

WHERE TO LOCATE SMOKE DETECTORS:

Smoke detectors shall be installed;

- On every level of a residence, (basement, first floor, second floor);
- In the hallway, outside the bedrooms as shown in Figure 1;
- In single floor homes with two separate sleeping areas, two detectors are required, outside each sleeping areas as shown in Figure 2;
- In multi-level homes, detectors are to be located outside sleeping areas and at every finished level of the home as shown in Figure 4;
- Basement level detectors are to be located in close proximity to the bottom of basement stairwells as shown in Figure 3; and
- As required by the UCC when the residential structure obtained a CO from the Construction department.

Excluding crawl spaces and unfinished attics,

WHERE TO LOCATE CARBON MONOXIDE DETECTORS:

Carbon monoxide detectors shall be installed;

- One detector located outside each sleeping area's as shown in figure 2;
- Within 10 feet of all bedroom; and
- As required by the UCC when the residential structure obtained a CO from the Construction department.

WHERE NOT TO LOCATE DETECTORS:

To avoid false alarms and/or improper operation, avoid installation of smoke detectors in the following areas:

- Kitchens-smoke from cooking may cause a nuisance alarm.
- Bathrooms -excessive steam from a shower may cause a nuisance alarm.
- Near forced air ducts-used for heating or air conditioning-air movement may prevent smoke from reaching detector.
- Near furnaces of any type-air and dust movement and normal combustion products may cause a nuisance alarm.
- The 4 Inch "Dead Air" space where the ceiling meets the wall, as shown in Figure 5.
- The peak of an "A" frame type of ceiling-"Dead Air" at the top may prevent smoke from reaching detector.

Carbon monoxide alarms are to be located in every separate sleeping area per NFPA 720 and manufacturer's recommendations.

WHERE TO PLACE PORTABLE FIRE EXTINGUISHERS

At least one portable fire extinguisher shall be installed in all one-and two-family detached dwellings upon change of occupancy. A "portable fire extinguisher" shall mean a portable device, carried and operated by hand, containing an extinguishing agent that can be expelled under pressure for the purpose of suppressing or extinguishing fire, and which is:

- Listed, labeled, charged, and operable;
- No smaller than 2A:10B:C or larger than a 10- pound rated extinguisher;
- Rated for residential use consisting of an ABC type;
- On hangers, or in brackets supplied by the manufacture;
- Within 10 feet of the kitchen area, unless otherwise permitted by the enforcing agency;
- Located with the top of the extinguisher not more that five feet (1.53 meters) above the floor;
- Visible and in a readily-accessible spot, free from blocking by furniture, storage, equipment, and other items;
- Near a room exit or travel way that provides an escape route to the exterior;
- Accompanied by an owner's manual or written information regarding the operation, inspection and maintenance of the extinguisher; and
- Installed so the operating instructions shall be clearly visible.

FURTHER INFORMATON ON DETECTOR PLACEMENT:

For further information about smoke detector placement consult the Fire Safety Office 908-526-1300 x158