



Further Specifications

1. Smoke alarms shall not be located where ambient conditions, including humidity and temperature, are outside the limits specified by the manufacturer.
2. Smoke alarms shall not be located within unfinished attics or garages or in other spaces where temperatures can fall below 40 degrees or exceed 100 degrees.
3. Where mounting surfaces could become considerably warmer or cooler than the room, smoke alarms shall be mounted on an inside wall.
4. Smoke alarms shall be installed a minimum of 20 feet horizontal distance from a permanently installed cooking appliance unless listed for closer proximity. Ionization alarms with an alarm-silencing switch or photoelectric alarms can be installed at 20 feet or greater from a permanently installed cooking appliance. Where the cooking area and the adjacent spaces have no clear partitions and the 10 foot distance would conflict with other sections of the Code, a photoelectric alarm can be placed at greater than 6 feet from a permanently installed cooking appliance.
5. Smoke alarms shall not be installed within 3 feet horizontal distance from the door or opening of a bathroom that contains a bathtub or shower unless this would conflict with other sections of the Code.
6. Smoke alarms shall not be installed within 3 feet horizontal distance from the tip of the blade of a ceiling fan or a supply register and outside of the direct airflow from the register. There is no issue with proximity to return air registers.
7. Where stairs lead to other occupied levels, locate the smoke alarms so that smoke rising in the stair well cannot be prevented from reaching the alarm by an intervening door or obstruction.
8. For stairways leading up from a basement, smoke alarms shall be located on the basement ceiling near the entry to the stairs.
9. For tray-shaped (coffered) ceilings, smoke alarms shall be installed on the highest portion of the ceiling or in the sloped portion of the ceiling within 12 inches vertically down from the highest point.
10. For smoke alarms installed in rooms with joists or beams; refer to NFPA 72:17.7.3.2.4.