



Westwood Fire Department
Headquarters
Office of Fire Prevention
637 High Street, Westwood, MA 02090

John Deckers
Chief of Department

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Deputy Chief

Residential Detector Placement

Residential Plan Submission—MGL Chapter 148 section 26 & 26 ½, 527CMR 1.00, 780CMR Chapters 9 and 53 and NFPA 72 chapter 29, and other applicable sections.

At a minimum, new homes and substantial renovations, which includes the creation of additional bedroom(s), require that detectors shall be located:

Smoke Detectors

- ❖ In each bedroom
- ❖ Outside each bedroom area
- ❖ At or near the base of the stairs leading to the floor above and the uppermost level
- ❖ One smoke detector for each 1,000 square feet of floor area

Carbon Monoxide Detectors

- ❖ Within 10' of every bedroom
- ❖ On all habitable levels
- ❖ Any room directly connected to a garage (including hallways)
- ❖ Any room with a direct vent appliance including gas dryers and gas fireplace logs

Heat Detectors

- ❖ In the garage (if attached or underneath)

Changes and prohibited systems:

- Changes in design may affect the placement and quantity of detectors required.
- Please contact the fire prevention office if there are any questions or significant alterations to building plans.
- Wireless, 110 volt detectors, such as *Nest* and *One-Link* will **NOT** be accepted unless they meet the provisions of NFPA 72, *National Fire Alarm and Signaling Code*, section 29.6.1, *Power Supplies*:

29.6.1 Smoke and Heat Alarms. Smoke and heat alarms shall be powered by one of the following means:

- (1) A commercial light and power source along with a secondary power source that is capable of operating the device for at least 7 days in the normal condition, followed by 4 minutes of alarm.
- (2) If a commercial light and power source is not normally available, a noncommercial ac power source along with a secondary power source that is capable of operating the device for at least 7 days in the normal condition, followed by 4 minutes of alarm.
- (3) A non-rechargeable, non-replaceable primary battery that is capable of operating the device **for at least 10 years** in the normal condition, followed by 4 minutes of alarm, followed by 7 days of trouble.
- (4) If a battery primary power supply is specifically permitted, a battery meeting the requirements of 29.6.6 (non-rechargeable primary battery) or the requirements of 29.6.7 (rechargeable primary battery) shall be used.

The fire department will not approve final occupancy if above regulations are not adhered to.

Smoke Detectors Save Lives • Don't Stay At Home Without One!
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