

# Guidelines For Smoke and Carbon Monoxide Alarm Requirements

## Massachusetts – Residential Dwelling Units

Year Built or Substantially Modified	↓ Before 1975 ↓	↓ 1975 - 8/27/97 ↓	↓ 8/27/97 – 2008 ↓	↓ 9/1/08 – 2/11 ↓	↓ 2/11 – Present ↓
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### All Smoke Alarms Shall Be Ceiling Mounted

Smoke Alarm Power Supply:	Battery or Hardwired	Hardwired, interconnected	Hardwired, interconnected w/battery backup	Hardwired, interconnected w/battery backup	Hardwired, interconnected w/battery backup
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### Type of Smoke Alarm Technology: (Photoelectric or Ionization)

On the same level, If a required detector is located <b>More Than 20 ft.</b> from a kitchen or full bathroom doorway it shall be: →	<u>Photoelectric with a sealed 10 year non rechargeable non replaceable battery</u>	Photoelectric OR Dual Detector*	Photoelectric OR Dual Detector*	Photoelectric OR <u>Dual Detector*</u>	Photoelectric Only
On the same level, If a required detector is located <b>Within 20 ft.</b> of kitchen or full bathroom doorway it shall be: →	<u>Photoelectric with a sealed 10 year non rechargeable non replaceable battery</u>	Photoelectric Only	Photoelectric Only	Photoelectric Only	Photoelectric Only

### Smoke Alarm Placement

On every habitable level & including the basement level on the <b>CEILING</b> ; at the base of each stairway leading to an occupied floor above. →	Smoke	Smoke	Smoke	Smoke	Smoke
On <b>CEILING</b> outside each Sleeping Area (in hallway)	Smoke	Smoke	Smoke	Smoke	Smoke
Inside every Bedroom →	Not Required	Not Required	Smoke	Smoke	Smoke
Finished Attic (Habitable) →	Smoke	Smoke	Smoke	Smoke	Smoke
Garage (Attached) →	Not Required	Not Required	Not Required	Heat Detector	Heat Detector

### Carbon Monoxide (CO) Alarm Power Supply & Placement

Battery or Plug-In w/battery backup: →	Allowed	Allowed	Allowed	Not Allowed	Not Allowed
Hardwired, interconnected w/battery backup:	Allowed	Allowed	Allowed	Required	Required

**Alarm Placement:** A CO alarm shall be located on each habitable level, including finished portions of basements and attics. A CO alarm shall be placed in the hallway **OUTSIDE** each separate sleeping area (where bedrooms are located), no farther than 10 ft. from ANY bedroom door.

**▶▶▶▶ EFFECTIVE 1/1/2015 SMOKE ALARMS OLDER THAN 10 YEARS MUST BE REPLACED WITH NEW ALARMS. ◀◀◀◀**

\* **Dual Technology Smoke Alarms** consists of one SMOKE alarm with both photoelectric and ionization technology & must have Hush Feature.

● **One Smoke Alarm is needed for each 1,200 square feet of area, per floor. CO Alarms only have a 5, 7 or 10 year life span.**

● **Combination Smoke & Carbon Monoxide Alarms MUST have a Tone and Voice Feature and must have a 10 year sealed non rechargeable, non-replaceable battery.**

*Revised 6/2019*

**This document is a guideline. Please call your Fire Prevention Office if you still have questions.**