

Guidelines For Smoke and Carbon Monoxide Alarm Requirements

Massachusetts – Residential Dwelling Units

Year Built or Substantially Modified	↓ Before 1975	↓ 1975 - 8/26/97	↓ 8/27/97–12/31/07	↓ 1/1/08 – 1/31/11	↓ 2/1/11 – 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 More Than 20 ft. 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 Ionization	Photoelectric OR Ionization	Photoelectric OR <u>Dual Detector*</u>	Photoelectric Only
On the same level, If a required detector is located Within 20 ft. 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 CEILING ; at the base of each stairway leading to an occupied floor above. →	Smoke	Smoke	Smoke	Smoke	Smoke
On CEILING 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	Heat Detector	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; 1,000 square feet for new construction after 1/1/2018.

• **Combination Smoke & CO Alarms** **MUST** have a Tone and Voice feature; replacement alarms must have a 10 year sealed non-rechargeable, non-replaceable battery if not hardwired. CO Alarms only have a 5, 7 or 10 year life span. *Revised 4/29/2019*

This document is a Tewksbury Fire Department guideline. Please call the Fire Prevention Office with questions.