

HOLDEN FIRE DEPARTMENT

Guidelines for Smoke and Carbon Monoxide Alarm Requirements

Massachusetts - One and Two Family Dwellings
ALL SMOKE DETECTORS MUST BE CEILING MOUNTED

	Year built or Substantially Modified				
	Before 1975	1975 - 8/27/97	8/27/97 - 2007	1/08 - 8/10	8/10 - Present
Smoke Detector Powered by:					
Battery Operated	Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed
Hardwired, Interconnected	Allowed	Required	Not Allowed	Not Allowed	Not Allowed
Hardwired, Interconnected w/battery backup	Recommended	Recommended	Required	Required	Required

Type of Smoke Detector:					
Outside 20 FT. of kitchen or full bathroom	Photoelectric with 10-year, sealed, non-rechargeable, non-replaceable batteries.	Photoelectric OR Ionization	Photoelectric OR Ionization	Photoelectric and Ionization OR Dual Detector*	Photoelectric
Within 20 FT. of kitchen or full bathroom	Photoelectric with 10-year, sealed, non-rechargeable, non-replaceable batteries.	Photoelectric OR Ionization	Photoelectric	Photoelectric	Photoelectric

CO Detector powered by: MUST BE IN THE HALLWAY OUTSIDE THE SLEEPING AREA, WITHIN 10 FEET OF EACH BEDROOM DOOR					
Battery OR Plug-in w/battery backup	Allowed	Allowed	Allowed	Not Allowed	Not Allowed
Hardwired, interconnected w/battery backup	Allowed	Allowed	Allowed	Required	Required

Locations Smoke and CO detectors are required:					
Finished or Habitable Basement	Smoke/CO	Smoke/CO	Smoke/CO	Smoke/CO	Smoke/CO
Every Habitable Level	Smoke/CO	Smoke/CO	Smoke/CO	Smoke/CO	Smoke/CO
Base of Stairs	Smoke	Smoke	Smoke	Smoke	Smoke
Outside each Sleeping Area (hallway)	Smoke/CO	Smoke/CO	Smoke/CO	Smoke/CO	Smoke/CO
Inside every Bedroom	Not Required	Not Required	Smoke	Smoke	Smoke
Finished Attic (Habitable)	Smoke/CO	Smoke/CO	Smoke/CO	Smoke/CO	Smoke/CO
Garage (Attached)	Not Required	Not Required	Not Required	Heat Detector	Heat Detector

*A dual detector consists of one detector with both photoelectric and ionization technology
 > Low Volatage fire warning systems are exempt from the dual technology requirement
 > Combination Smoke and Carbon Monoxide Alarms MUST have a Voice Feature
 > CO DETECTORS ARE REQUIRED IN ALL HOMES WHICH ARE HEATED BY FOSSIL FUELS OR HAVE AN ATTACHED GARAGE
 > SMOKE DETECTORS 10 YEARS FROM DATE OF MANUFACTURE NEED TO BE REPLACED PER MA FIRE CODE

This is a guide only. Please call Fire Prevention if you should still have questions: 508-210-5651