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Guidelines for Smoke and Carbon Monoxide Alarm Requirements – One and Two Family Dwellings

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SMOKE DETECTOR POWERED BY:

Battery Operated	Not Allowed
Hardwired, Interconnected	Not Allowed
Hardwired, Interconnected w/ Battery Backup	Required

TYPE OF SMOKE DETECTOR

Outside 20 feet of kitchen or full bathroom	Photoelectric or Ionization
Within 20 feet of a kitchen or full bathroom	Photoelectric

CO DETECTORS: MUST BE IN THE HALLWAY, OUTSIDE THE SLEEPING AREA, WITHIN 10 FEET OF EACH BEDROOM DOOR

Battery or Plug-In with Battery Back-up	Allowed
Hardwired, Interconnected with Battery Back-up	Allowed

LOCATIONS REQUIRED: ALL SMOKE DETECTORS MUST BE CEILING MOUNTED

Finished or Habitable basement	Smoke/CO
Every Habitable Level	Smoke/CO
Base of Stairs	Smoke
Outside each sleeping area (Hallway)	Smoke/CO
Inside Every Bedroom	Smoke
Finished Attic (Habitable)	Smoke/CO
Garage (Attached)	Not required

Key Points:

- A dual detector consists of one detector with both photoelectric and ionization technology
- Low Voltage fire warning systems are exempt from the dual detector technology requirements
- **COMBINATION SMOKE AND CARBON MONOXIDE ALARMS MUST HAVE VOICE FEATURES**
- **REMINDER: ALL DETECTORS MUST BE LESS THAN 10 YEARS OLD**