



CODE INFORMATION SHEET

Based on the 2015 edition of the Vermont Fire and Building Safety Code, NFPA 101 and NFPA 1

RESIDENTIAL CARBON MONOXIDE (CO) ALARM REQUIREMENTS				
	Occupancy	Required Power Supply	Required Locations	Reference
NEW Building	OWNER – OCCUPIED Single Family Home	Effective July 01, 2005, new homes directly wired into the house electrical circuit.	Outside each sleeping area in the immediate vicinity of the bedrooms. An additional CO Alarm is recommended in any sleeping room that contains a fuel-burning appliance.	9 VSA Chapter 77 See Note # 2,3
	1 & 2 Family Dwelling	Directly hardwired into the building's electrical circuit with battery back-up. (A plug in style alarm is not considered direct wired)	Outside each sleeping area in the immediate vicinity of the bedrooms. An additional CO Alarm shall be installed in each sleeping room that contains a fuel-burning appliance.	NFPA 101: 24.3.4.2
	Apartment Buildings/Condos (3 or more units)	Directly hardwired into the building's electrical circuit with battery back-up.	Outside each sleeping area in the immediate vicinity of the bedrooms. An additional CO Alarm shall be installed in each sleeping room that contains a fuel-burning appliance.	NFPA 101: 30.3.4.6
	Hotels, Motels, Dormitories, and Rooming and Lodging	Directly hardwired into the building's electrical circuit with battery back-up.	Outside the guest rooms in the corridor spaced in accordance with the manufacturer. Inside each bedroom where there is no corridor, and in each sleeping room provided with a fuel -burning appliance.	NFPA 101: 26.3.4.6 NFPA 101: 28.3.4.6
EXISTING Building	OWNER – OCCUPIED Single Family Home	Directly hardwired into the building's electrical circuit, <u>or</u> by battery. No transition period to require upgrade to electric power	Outside each sleeping area in the immediate vicinity of the bedrooms. An additional CO Alarm is recommended in any sleeping room that contains a fuel-burning appliance.	9 VSA Chapter 77 See Note # 2,3
	1 & 2 Family Dwelling	Directly hardwired into the building's electrical circuit with battery backup, <u>or</u> plug in style alarm with battery backup.	Outside each sleeping area in the immediate vicinity of the bedrooms. An additional CO Alarm shall be installed in each sleeping room that contains a fuel-burning appliance.	NFPA 101: 24.3.4.4 See Note # 1,2,3
	Apartment Buildings / Condos (3 or more units)	Directly hardwired into the building's electrical circuit with battery backup.	Outside each sleeping area in the immediate vicinity of the bedrooms. An additional CO Alarm shall be installed in each sleeping room that contains a fuel-burning appliance.	NFPA 101: 31.3.4.6 See Note # 1,3,4
	Hotels, Motels, Dormitories, and Rooming and Lodging	Directly hardwired into the building's electrical circuit with battery backup.	Outside the guest rooms in the corridor spaced in accordance with the manufacturer's installation instructions. Inside each bedroom where there is no corridor, and in each sleeping room provided with a fuel-burning appliance.	NFPA 101: 29.3.4.6 See Note # 3,4
General CO Alarm Notes:	1: CO Alarms are required only on floor levels where sleeping rooms are provided. 2: Install and maintain CO Alarms in accordance with the manufacturer's installation instructions, NFPA 101, section 9.12.1 and NFPA 720"		3: The sensors in CO alarms have a limited life. Replace the CO alarm according to manufacturer's instructions or when the end-of-life signal sounds. 4: Effective October 1, 2007 the CO Alarms are required to be directly hardwired with battery back-up. battery alarms shall be up-graded to direct wired with battery back-up. CO Alarm are required only on floor levels where sleeping rooms are provided.	

This sheet is designed to provide information to enhance the public safety of all Vermonters. This code information sheet is not an all-inclusive list of state laws or additional code requirements that may apply. This educational resource sheet does not carry the force of legal opinion and was developed by the Vermont Division of Fire Safety, with information provided by The U.S. Fire Administration and the National Fire Protection Association (NFPA) and other partners. For additional information please visit firesafety.vermont.gov