

## Vermont Division of Fire Safety

### Carbon Monoxide Detector Installation Guidelines (www.vtfiresafety.org)

Barre 479-4434...Rutland 786-5867...Springfield 885-8883...Williston 879-2300...Technical Assistance 1-800-640-2106

"Install and maintain detectors in accordance with the manufacturer's installation instructions and NFPA 720"

	Occupancy	Power Supply	Code Reference	Location	** Notes
1.	<b>Existing 1&amp;2 family dwellings</b>	Battery, directly hardwired into the building's electrical circuit, or plug in type. <b>No transition period to require upgrade to electric power</b>	(VFBSC) Vermont Fire & Building Safety Code Page 12 – add section 24.3.4.4 to NFPA 101, 2003	Outside each sleeping area in the immediate vicinity of the bedrooms. An additional detector shall be installed in each sleeping room that contains a fuel- burning appliance. <b>** See Note</b>	<b>** Detectors required only on floor levels where sleeping rooms are provided.</b> <b>** Have your heating appliance serviced by a certified fuel service technician.</b>
2.	<b>New 1 &amp; 2 Family Dwelling constructed after October 22, 2005</b>	Directly hardwired into the building's electrical circuit with battery back up. <b>Plug in type not considered direct wired</b>	(VFBSC) Page 12 – add section 24.3.4.4 to NFPA 101, 2003	Outside each sleeping area in the immediate vicinity of the bedrooms. An additional detector shall be installed in each sleeping room that contains a fuel- burning appliance. <b>** See Note</b>	<b>** Detectors required only on floor levels where sleeping rooms are provided.</b> <b>** Have your heating appliance serviced by a certified fuel service technician.</b>
3.	<b>Existing Apartment Buildings/Condos (3 or more units)</b>	Effective Oct. 22, 2005 - Battery, directly hardwired into the building's electrical circuit, or plug in type. <b>** See Note</b>	(VFBSC) Page 13 –Add section 31.3.4.6 to NFPA 101, 2003	Outside each sleeping area in the immediate vicinity of the bedrooms. An additional detector shall be installed in each sleeping room that contains a fuel- burning appliance. <b>** See Note</b>	<b>** Effective October 1, 2007 the detectors are required to be directly hardwired with battery back up. ** Detectors required only on floor levels where sleeping rooms are provided.</b>
4.	<b>New Apartment Buildings/Condos (3 or more units)</b>	Effective Oct. 22, 2005- Directly hardwired into the building's electrical circuit with battery back up.	(VFBSC) Page 13 –Add section 30.3.4.6 to NFPA 101, 2003	Outside each sleeping area in the immediate vicinity of the bedrooms. An additional detector shall be installed in each sleeping room that contains a fuel- burning appliance. <b>** See Note</b>	<b>** Detectors required only on floor levels where sleeping rooms are provided.</b> <b>** Have your heating appliance serviced by a certified fuel service technician.</b>
5.	<b>Existing Hotels, Motels, Dormitories, and Rooming and Lodging</b>	Effective Oct. 22, 2005 the power may originate from battery, direct wire, or plug in type. <b>** See Note</b>	(VFBSC) Page 13 –Add section 29.3.4.6 to NFPA 101, 2003	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. <b>** See Note</b>	<b>** Detectors must be installed in accordance with the manufacturer's installation instructions. Effective October 1, 07 battery detectors shall be up - graded to direct wire with battery back up.</b>
6.	<b>New Hotels, Motels, Dormitories, and Rooming and Lodging built after Oct. 22, 2005</b>	Effective Oct. 22, 2005- Directly hardwired into the building's electrical circuit with battery back up. <b>** See Note</b>	(VFBSC) Hotels & Dorms- Page 13 (28.3.4.6) Rooming & Lodging Page 12 (26.3.3.5.4)	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.	<b>** Detectors must be installed in accordance with the manufacturer's installation instructions.</b>
7.	<b>Single-family owner occupied home</b>	Effective 7-01-05, new homes directly wired into the house electrical circuit. Existing homes battery, directly wired into house circuit, or plug-in.	9 VSA Chapter 77 VFBSC – page 31	Outside each sleeping area in the immediate vicinity of the bedrooms. An additional detector is recommended in any sleeping room that contains a fuel- burning appliance. <b>**See Note</b>	<b>** Detectors required only on floor levels where sleeping rooms are provided.</b> <b>** Have your heating appliance serviced by a certified fuel service technician.</b>

CARBON MONOXIDE