

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. | Existing 1&2 family dwellings | Battery, directly hardwired into the building's electrical circuit, or plug in type. No transition period to require upgrade to electric power | (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. ** See Note | ** Detectors required only on floor levels where sleeping rooms are provided. ** Have your heating appliance serviced by a certified fuel service technician. |
| 2. | New 1 & 2 Family Dwelling constructed after October 22, 2005 | Directly hardwired into the building's electrical circuit with battery back up. Plug in type not considered direct wired | (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. ** See Note | ** Detectors required only on floor levels where sleeping rooms are provided. ** Have your heating appliance serviced by a certified fuel service technician. |
| 3. | Existing Apartment Buildings/Condos (3 or more units) | Effective Oct. 22, 2005 - Battery, directly hardwired into the building's electrical circuit, or plug in type. ** See Note | (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. ** See Note | ** 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. |
| 4. | New Apartment Buildings/Condos (3 or more units) | 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. ** See Note | ** Detectors required only on floor levels where sleeping rooms are provided. ** Have your heating appliance serviced by a certified fuel service technician. |
| 5. | Existing Hotels, Motels, Dormitories, and Rooming and Lodging | Effective Oct. 22, 2005 the power may originate from battery, direct wire, or plug in type. ** See Note | (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. ** See Note | ** 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. |
| 6. | New Hotels, Motels, Dormitories, and Rooming and Lodging built after Oct. 22, 2005 | Effective Oct. 22, 2005- Directly hardwired into the building's electrical circuit with battery back up. ** See Note | (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. | ** Detectors must be installed in accordance with the manufacturer's installation instructions. |
| 7. | Single-family owner occupied home | 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. **See Note | ** Detectors required only on floor levels where sleeping rooms are provided. ** Have your heating appliance serviced by a certified fuel service technician. |

CARBON MONOXIDE