

State Carbon Monoxide (CO) Code Summation - Updated 07/2016

Please note the newest changes are indicated in red. The information below briefly summarizes installation requirements of carbon monoxide detectors by state. System Sensor **does not** take responsibility or assume any liability for the accuracy of the information contained in the summation. For the actual number of and wiring, installation, maintenance and placement procedures of carbon monoxide detectors, refer to the respective state code and applicable Underwriters Laboratory (UL) and National Fire Protection Association (NFPA) standards.

State	Legislation/Statutory/Code Requirements			Occupancy Classification					Detector Placement				
	Legislation/ Statute	Building Code	Effective Date	New	Existing	One- and Two Family	Comm-ercial	Explanation/Other Occupancies	In Sleep Rm	15' of Sleep Rm	Min 1 per Bldg	1 per Floor	Other Requirements/Comments
AL		Alabama Energy and Residential Codes (AERC) Board voted to adopt the 2009 International Residential Code (IRC).	10/1/2012	X		X		Detached one- and two-family dwellings and townhouses not more than three stories. Alabama's residential code is not mandatory state wide rather they are adopted by local jurisdictions.					Outside of each separate sleeping area in the immediate vicinity of the bedrooms
AK	Chapter 60 SLA 04 (HB 351 - 2004)		1/1/2005	X	X	X				X			
AR		2012 Edition of IFC	1/1/2014	X				Group R and I: Hotels, dormitories, apartment buildings, hospitals, nursing homes and assisted living facilities					
CA		Section R315 of the 2010 edition California Residential Code (CRC)	1/1/2011	X		X		New one- two-family dwellings and townhouses not more than 3 stories. Where work requiring a permit occurs in existing dwellings					Installed outside of each separate sleeping area in the immediate vicinity of the bedrooms in dwelling units and on every level including basements within which fuel-fired appliances are installed and in dwelling units that have attached garages.
CA		Section 420 of the 2010 edition California Building Code (CBC)	1/11/2011	X			X	New Group R buildings and where a permit is required for alterations, repairs or additions exceeding \$1,000					Installed outside of each separate sleeping area in the immediate vicinity of the bedrooms in dwelling units and on every level including basements within which fuel-fired appliances are installed and in dwelling units that have attached garages.
CA	SB 183		7/1/2011		X			All existing single-family dwelling units on or before July 1, 2011					Establishes that the number and placement of CO devices will be consistent with the building standards for new construction
CA	SB 183		1/1/2013		X			All other existing dwelling units on or before January 1, 2013					Establishes that the number and placement of CO devices will be consistent with the building standards for new construction
CA	SB 1394		1/1/2016		X			Effective 1/1/16 all existing hotels and motels are required to install CO detection.					
CA	AB 56		7/1/2015	X			X	Newly constructed constructed K-12 school buildings that have a fuel burning appliance					
CO	(HB 1091		7/1/2009	X	X	X		Single, multi-family dwellings and rental properties with a FBA, fireplace, or an attached garage					Within 15 ft of sleeping area
CO		6 CCR 1010-6	4/14/2015	X				K-12 schools					Carbon monoxide alarms shall be installed in areas where fossil fuel-fired heaters and appliances are used such as in boiler rooms and kitchens
CO		8 CCR 1302-8	1/1/2013	X				Group R and I: Hotels, dormitories, apartment buildings, hospitals, nursing homes and assisted living facilities					
CT	Public Act 05-161		10/1/2005	X		X		One, two family dwellings that are newly constructed					Only bldg's with appliances that may emit CO. The bill requires SFM to amend Fire Safety Code
CT	HB 5326. Public Act No. 11-248)		1/1/2012 (New) TBD (Exist)	X	X		X	Newly constructed or existing public or nonpublic school buildings					In a room containing a permantly installed fuel buring appliance
FL		DCA08-DEC-207final.pdf			X								Florida Building Commission ruling that "existing" buildings are required to have CO protection when alterations exceeding 50% of the bldg within a 12 month period, changes in occupancy and additions are made to existing buildings
FL	Florida Statute 509.211	Section 916 of the 2010 Florida Building Code	7/1/2007	X			X	Requires CO "alarms" in commercial public lodging establishments where a portion thereof is used for sleeping purposes.					Within 10 feet of a sleeping room, in every room with a FBA and shall be connected to the fire alarm system as a supervisory signal.
FL	Fla. Stat. §553.885	Section R315 of the 2010 Florida Residential Code	7/1/2008	X		X		One- & two-family homes and townhomes of three stories or less					Within 10 ft of sleeping area
FL	SB 992			X				Revised 2010 law by replacing the requirement for CO alarms with system-connected CO detectors, listed as complying with UL 2075, as the only permissible CO detection device.					
GA		Georgia State Amendments to International Residential Code (see pages 3-4)	1/1/2009	X		X		One- & two-family homes and townhomes of three stories or less					In the general vicinity of each sleeping area
ID		Idaho Division of Building Safety	1/1/2011	X		X		Detached one- and two-family dwellings and townhouses not more than three stories within which fuel-fired appliances are installed and in dwelling units that have attached garages					Outside of each separate sleeping area in the immediate vicinity of the bedrooms

IL	Illinois Public Act 094-0741		1/1/2007	X	X	X	X	Privately owned or rental single family dwellings, multi family dwellings, condos, hotels, nursing homes and prisons dwellings with a FBA or an attached enclosed garage		X	X		Dwellings without a FBA or an attached garage are not required to have a CO detector
IL	HB 152		1/1/2016	X	X		X	New and existing K-12 schools containing a CO source. The compliance date is 1/1/16.					In accordance with rules adopted by the State Fire Marshal
IA		661—301.8(103A)	1/1/2010	X		X		Detached one- and two-family dwellings and townhouses not more than three stories within which fuel-fired appliances are installed and in dwelling units that have attached garages. The provisions of the building code apply only to buildings owned by the state of Iowa. For non-state owned buildings the building code must be adopted by local jurisdictions.			X		Outside of each separate sleeping area in the immediate vicinity of the bedrooms
KY		2007 Residential and Building Code:	6/1/2011	X		X	X	Newly constructed one- and two-family dwellings, townhomes less than 3 stories, apartment buildings, dormitories, adult/child care facilities and assisted living facilities which contain a fuel-burning-appliance or an attached garage.					In the immediate vicinity of all bedrooms in dwelling units and sleeping units
LA		The Uniform Construction Code Council adopted the 2009 IRC. http://succeed.dps.louisiana.gov/index.html	1/1/2011	X		X		Newly constructed one- and two-family dwellings, townhomes less than 3 stories					In the immediate vicinity of all bedrooms in dwelling units and sleeping units
LA		The Uniform Construction Code Council adopted the 2012 IBC		X			X	Hotels, dormitories, apartment buildings, hospitals, nursing homes and assisted living facilities					
LA	HB 1267		8/1/2014		X		X	Existing hotels					An attached enclosed garage or fossil-fuel burning appliance or appliances
ME	Public Law, Chapter 162, LD 550		10/31/2009	X	X	X		Single-family dwellings and multi-apartment buildings sold, renovated or newly constructed and rental units			X		One carbon monoxide detector in an area within or giving access to a bedroom
ME	Public Law, Chapter 553		8/1/2012	X	X	X	X	New or renovated single family dwelling, hotel, motel, inn or bed and breakfast, fraternity house, sorority house or dormitory that is affiliated with a private or public school					
ME	LD 623		1/1/2016		X	X		Existing lodging establishments, care facilities and schools.					
MD	2008 Maryland Code Annotated		1/1/2008	X		X	X	Single, multi-family, hotels, motels, dormitories					In accordance with NFPA 720. 1. Near sleeping spaces 2. With alarm system, within 25 ft. of FBA 3. Existing, when sold, seller must disclose whether home has CO alarm
MD	http://mlis.state.md.us/2012rs/chapters_noin/Ch_38_sb0173_T.pdf		10/1/2012	X	X		X	Newly constructed or substantially remodeled public schools containing a fuel fire appliance constructed or renovated after 10/1/12					The signal from CO detector to be automatically transmitted to supervising station or constantly attended on-site location
MD	SB 107		4/1/2016		X		X	Requires CO detection in existing public lodging occupancies.					CO detection is required in each hotel quest room or if there is a centralized alarm system within 25 feet of fuel burning appliance
MD	SB 182		4/1/2018	X	X			Requires CO detection in new and existing rental dwelling units					
MA	Chapter 123 of the Acts of 2005	Board of Fire Prevention 527 CMR 31.00	3/31/06 or 1/1/07 (hardwired)	X	X	X	X	Single/multi family dwellings, boarding houses, hotels, motels, dorms, apartments, Adult & child care					
MI		2009 Michigan Residential Code	3/9/2011	X		X		Newly constructed one- and two-family dwellings, townhomes less than 3 stories			X		In the immediate vicinity of all bedrooms in dwelling units and sleeping units
MI	Public Act 377 of 2008		3/23/2009	X	X	X		Single/multi family dwelling					The Act does not mandate the installation of a CO device. Instead it gives authority to the Code Commission to adopt rules for the mandatory installation of a CO device.
MI	Public Act 376 of 2008		12/1/2009	X			X	Boarding houses, hotels and motels			X		CO shall be installed at the fuel burning appliance
MN	Statute 299F.51		1/1/07 (new) 8/1/09 (exist)	X	X	X		Single-family and multi-family. The requirements of the statute do not apply to state owned or operated facilities.			X		Within 10 ft of sleep room.
MT	SB 161		10/1/2009	X	X	X		Landlords to install an approved CO detector in rented dwellings					No details for manner and location of CO devices
NE	LB 34		1/1/2017	X	X			New and existing single family or multi-family dwelling that has a fuel-fired heater or appliance, a fireplace, or an attached garage					On each habitable floor of each dwelling 19 unit in a multifamily dwelling and on each habitable floor in a single20 family dwelling or
NE	Chaptered Law 0046		1/1/2010	X	X	X		Multi-family apartment buildings substantially rehabilitated or newly constructed			X		On every floor level and in each common stairway and in each common hallway of a multi-unit dwelling and rental unit
NH		The Code Review Board adopted the 2009 edition of the IRC	4/1/2010	X		X		New one- two-family dwellings, townhouses not more than 3 stories and rental units containing an attached garage. Where work requiring a permit occurs in existing dwellings					Installed outside of each separate sleeping area in the immediate vicinity of the bedrooms in dwelling units
NJ	Public Law 1975, Ch. 217		6/1/1996		X	X		Single-family and two-family homes		X			Only in bldg's with appliances that may emit CO

NJ		2015 NJ Building Code				X	E, I-1, R-1, R-2, R-3 or R-4. Examples include but not limited to K-12 schools, assisted living facilities, hotels, apartment buildings, dormitories.						
NJ	A 4073			X	X		X	CO detection devices in all structures not currently required to have such devices.					
NM		State Residential Code	7/1/2011	X		X		Detached one- and two-family dwellings and townhouses not more than three stories with a fuel burning appliance or an attached garage				Installed outside of each separate sleeping area in the immediate vicinity of the bedrooms in dwelling units	
NM		Uniform Fire Prevention Code Section 1225.2	3/6/2003	X		X		One, two and multiple family dwellings that are newly constructed or offered for sale			X	Immediate vicinity of bedrm's & lowest floor containing bedrm's	
NM		Residential Code New York State (RCNYS)	12/28/2010	X	X	X		Detached one- and two-family dwellings and townhouses not more than three stories		X	X	Structures that contain a CO source including, but not limited to, fuel fired furnaces; fuel fired boilers; space heaters with pilot lights or open flames; kerosene heaters; wood stoves; fireplaces; and stoves, ovens, dryers, water heaters and refrigerators that use gas or liquid fuel, garages, and other motor vehicle related occupancies.	
NY		Fire Code New York State (FCNYS)	12/28/2010	X	X		X	E, I-1, I-2 (except hospitals), I-4, R-1, R-2, R-3 or R-4. Several examples include but not limited to hotels, apartment buildings, dormitories, adult/child care facilities, assisted living facilities, alcohol/drug centers, convalescent facilities and day care facilities.		X	X	Structures that contain a CO source including, but not limited to, fuel fired furnaces; fuel fired boilers; space heaters with pilot lights or open flames; kerosene heaters; wood stoves; fireplaces; and stoves, ovens, dryers, water heaters and refrigerators that use gas or liquid fuel, garages, and other motor vehicle related occupancies.	
NY	AB 8963		6/27/2015	X	X		X	Any new or existing building that is not a one-family dwelling, a two-family dwelling, or a building containing only townhouses.					
NC	Session Law 2008-219		1/1/2010				X	Residential Rental Properties			X	X	Requires landlords to provide a minimum of one CO detection device per unit and per level having a fossil-fuel burning heater or appliance, fireplace, or an attached garage.
NC		2012 North Carolina Building Codes	1/1/2012	X			X	Detached one- and two-family dwellings and townhouses not more than three stories.			X	Outside of each separate sleeping area in the immediate vicinity of the bedrooms	
NC	HB 74		9/1/2013	X	X		X	Lodging establishments				In every enclosed space having a fossil fuel burning heater, appliance or fireplace and in sleeping rooms that share a common wall, floor or ceiling with an enclosed space having a fossil fuel burning heater, appliance or fireplace.	
NC		2015 North Carolina Fire Code	1/1/2016	X			X	E, I-1, R-1, R-2, R-3 or R-4. Examples include but not limited to K-12 schools, assisted living facilities, hotels, apartment buildings, dormitories.					
ND		State Building Code	1/1/2011	X			X	Detached one- and two-family dwellings and townhouses not more than three stories. North Dakota's building codes are not mandatory state wide rather they are adopted by local jurisdictions.			X	Outside of each separate sleeping area in the immediate vicinity of the bedrooms	
OH			1/1/2013	X			X	Detached one- and two-family dwellings and townhouses not more than three stories.				Outside of each separate sleeping area in the immediate vicinity of the bedrooms	
OK	OAC 340:110-3-97		5/25/2000				X	Child day care faculties				In the same room used for child care	
OK		OK State Building Code	7/15/2011	X			X	New one- two-family dwellings and townhouses not more than 3 stories.				Installed outside of each separate sleeping area in the immediate vicinity of the bedrooms in dwelling units within which fuel-fired appliances are installed and in dwelling units that have attached garages.	
OR	(HB 3450)		4/1/2011	X	X	X	X	One -two-family, multi-family dwellings, rental dwellings and Group R occupancies (hotels, motel dormitories) having a CO source				The State Fire Marshall shall adopt rules establishing standards for the placement, location, testing, inspection and maintenance of CO alarms by 7/1/2010	
PA		The Code Review and Advisory Council adopted the 2009 edition of the IRC	12/31/2009	X				New one- two-family dwellings and townhouses not more than 3 stories. Where work requiring a permit occurs in existing dwellings	X			Installed outside of each separate sleeping area in the immediate vicinity of the bedrooms in dwelling units within which fuel-fired appliances are installed and in dwelling units that have attached garages.	
PA	SB 607		1/1/2014		X			Existing single and multi-family dwellings not more than three stories, rental properties that have a fossil fuel-burning appliance, fireplace, or an attached garage					
RI	R.I. Gen. Laws § 23-28.1-2		1/1/2002	X	X	X	X	Hotels and dormitories	X		X		
SC		The South Carolina Building Codes Council (SCBCC) adopted the 2012 edition of the IRC and IBC	1/1/2011	X			X	New one- two-family dwellings, townhouses not more than 3 stories, Group-R occupancies.				Installed outside of each separate sleeping area in the immediate vicinity of the bedrooms in dwelling units within which fuel-fired appliances are installed and in dwelling units that have attached garages.	
SC		South Carolina SFM Bulletin	7/1/2013	X			X	K-12 schools				CO detection is required on the ceiling of the room containing the fuel-burning appliance or fuel-burning fireplace	

TX	Texas Revised Statutes §42.060		1/1/2004				X	Child day care facilities				X	
TN	Tennessee Code Annotated, Sect. 71-3-502(k)		2/16/2006				X	Child day care facilities	X			X	corridors, lounges, interior recreation areas, and sleeping room of child care centers
TN		Department of Commerce and Insurance	10/1/2010	X		X		Detached one- and two-family dwellings and townhouses not more than three stories				X	The Department of Commerce and Insurance (State Fire Marshal's office) has adopted the 2009 International Residential Code (IRC) for areas of the state without their own building codes. Tennessee's residential code is not mandatory state wide rather they are adopted by local jurisdictions.
TN	SB 647		1/1/2016	X	X		X	New and existing hotels that have a fossil-fuel burning appliance.					CO detection to be installed within ten feet of each room used for sleeping purposes.
UT	Utah Admin. Code §156-56-802(16)		7/1/2008				X	One & two family dwellings				X	Equipped with a fuel burning appliance
UT	Utah Admin. Code R156-56-801(27)		7/1/2008	X			X	R2, R3, R4, I1 buildings	X			X	Equipped with a fuel burning appliance
UT	SB 58		6/1/2014	X	X			K-12 schools					A carbon monoxide detection system shall be provided where a fuel-burning appliance, a fuel-burning fireplace, or a fuel-burning forced air furnace is present.
VT	H. 243 No. 19 Chapter 77		7/1/2005	X	X	X	X	Single-family, multi-family, hotels, tourist homes		X		X	
VA		Virginia Uniform Statewide Building Code	3/1/2011	X			X	New in detached one- and two-family dwellings, townhouses (section R315) and Group-R occupancies (section 908.7) such as hotels, dormitories and apartment buildings containing fuel-fired appliances or with attached garages.					Outside of each separate sleeping area in the immediate vicinity of the bedrooms
VA	SB 490		7/1/2014	X	X			Existing landlord/tenant rental agreements and future agreements					Outside of each separate sleeping area in the immediate vicinity of the bedrooms.
WA	(SB 5561):		1/1/2011	X	X	X	X	Effective 1/1/10 all newly constructed one- and two-family dwellings, townhomes not more than three, stories, hotels, dormitories apartment building. Effective 1/1/13 all existing one- and two-family dwellings, townhomes not more than three, stories, hotels, dormitories apartment building					No details for manner and location of CO devices . By July 1, 2010, the building code council shall adopt rules.
WI	2007 Wisconsin Act 205		10/1/2008 (new) 4/1/10 (exist)	X	X		X	Hotels, tourist rooming houses, apartment buildings, dormitories, jails and bed & breakfast (any public building used for lodging). Hospitals and nursing homes are not included			X		1. In the basement that has a fuel-burning appliance. 2. Within 15 feet of each sleeping area of a unit that has a fuel-burning appliance. 3. Within 15 feet of each sleeping area of a unit that is immediately adjacent to a unit that has a fuel-burning appliance. 4. Not more than 75 feet from a room that has a fuel-burning appliance and that is not used as a sleeping area. 5. In each hallway leading from a unit that has a fuel-burning appliance, in a location that is within 75 feet from the unit, except that, if there is no electrical outlet within this distance, the owner shall place the carbon monoxide detector at the closest available electrical outlet in the hallway.
WI	2009 Wisconsin Act 158	Uniform Dwelling Code	2/1/2011	X	X	X		One- & two-family dwellings,				X	Floors that contain sleeping areas, a CO alarm shall be installed outside of the sleeping area, within 21 feet of the door opening to any sleeping area and in an exit path from any sleeping area. On floor levels that do not contain a sleeping area, a CO alarm shall be installed in a common area on each floor level.
WV	West Virginia Code Section 29-3-16a		7/1/1998	X	X	X		Newly constructed residential unit which has a fuel-burning appliance or existing buildings connected to newly built buildings with FBA				X	
WV		State Fire Commission		X				Detached one- and two-family dwellings and townhouses not more than three stories					Installed outside of each separate sleeping area in the immediate vicinity of the bedrooms in dwelling units within which fuel-fired appliances are installed and in dwelling units that have attached garages.
WV	West Virginia Code § 29-3-16a		9/1/2012			X	X	All newly constructed hotels, motels, apartment buildings, boarding houses, dormitories, hospitals, long-term care facilities, adult or child care facilities, assisted living facilities, one- and two-family dwellings intended to be rented or leased with or without a permanently installed fuel-burning appliance.					
WY		Adoption of the 2012 IBC					X	Group R occupancies (e.g., hotels, motels, dormitories, and dwelling units within apartment buildings).					

