

Minnesota Rule Part 1309.0313

Residential Automatic Fire Sprinkler Systems

One-Family Dwellings, Two-Family Dwellings, and Two-Unit Townhouses

2017 Minnesota Laws, Chapter 20, Section 1

1309.0313 SECTION R313, AUTOMATIC FIRE SPRINKLER SYSTEMS.

IRC section R313 is amended to read as follows:

R313.1 Townhouse automatic fire sprinkler systems. An automatic residential fire sprinkler system shall be installed in townhouses.

Exceptions:

1. Two-unit townhouse buildings do not require automatic fire sprinkler installation, unless required by R313.4.
2. An automatic residential fire sprinkler system shall not be required when additions or alterations are made to existing townhouses that do not have an automatic residential fire sprinkler system installed.

~~**R313.1.1 Design and installation.** Automatic residential fire sprinkler systems for townhouses shall be designed and installed in accordance with IRC section P2904 or NFPA 13D.~~

R313.2 One- and two-family dwellings automatic fire systems. An automatic residential fire sprinkler system shall **not be required to be** installed in one- and two-family dwellings, **unless required by R313.4.**

Exceptions:

1. ~~Detached one-family dwelling, less than 4500 square feet of floor area. Floor area shall include all floors and basements, excluding garages.~~
2. ~~An automatic residential fire sprinkler system shall not be required if additions, alterations, or repairs are made to existing buildings that do not have an automatic residential sprinkler system installed.~~

~~**R313.2.1 Design and installation.** Automatic residential fire sprinkler systems shall be designed and installed in accordance with IRC section P2904 or NFPA 13D.~~

R313.3 Installation requirements. When an automatic sprinkler system is **required to be installed** in townhouses **or one- and two-family dwellings**, it shall be installed in accordance with IRC section P2904 or NFPA 13D **and**.

~~Automatic sprinkler systems required in two-family dwellings and townhouse buildings shall be installed in accordance with the following:~~

1. Attached garages are required to have one dry head sprinkler located within 5 lineal feet of each door installed in the common wall separating the dwelling unit and the attached garage;
2. Attached covered patios, covered decks, covered porches, and similar structures are required to have automatic sprinklers with a minimum of one dry head for every 20 lineal feet (6.096 m) of common wall between the dwelling unit and the covered patio, covered deck, covered porch, or similar structure.

Exception: Attached roofs of covered patios, covered decks, covered porches, or similar structures that do not exceed 40 square feet (3,716 m²) of floor area.

R313.4 State-licensed facilities. One- and two-family dwellings and townhouse buildings containing facilities required to be licensed or registered by the state of Minnesota shall be provided with an automatic sprinkler system required by the applicable licensing provisions of that agency or according to this part, whichever is more restrictive.