

**CHAPTER 9  
VENTS**

**SECTION 912.2  
IPC Interpretation No. 22-04  
2003 Edition  
Issued: 05-09-06**

**912.2 Installation.** The only vertical pipe of a combination drain and vent system shall be the connection between the fixture drain of a sink, lavatory or drinking fountain, and the horizontal combination drain and vent pipe. The maximum vertical distance shall be 8 feet (2438 mm).

**REFERENCED SECTION:**

**912.1 Type of fixtures.** A combination drain and vent system shall not serve fixtures other than floor drains, sinks, lavatories and drinking fountains. Combination drain and vent systems shall not receive the discharge from a food waste grinder or clinical sink.



**Q:** In addition to a sink, lavatory or drinking fountain as specifically identified, is a floor drain permitted to be installed in a combination drain and vent system as described in Section 912.2 of the *2003 International Plumbing Code*?

**A:** No. Section 912.1 specifically includes a floor drain as one of the types of fixtures that is permitted to be connected to a combination drain and vent system. The provisions of Section 912.2 address a specific installation requirement that identifies which fixtures are permitted to have a vertical pipe (drop) in the fixture drain before connecting to the horizontal combination drain and vent pipe. Although a floor drain is permitted to connect to a horizontal combination drain and vent system, the fixture drain pipe between the floor drain trap and the horizontal combination drain and vent pipe must be installed without vertical drops.

The installation provisions in Section 912.2 of the *2003 International Plumbing Code* do not include floor drains; however, a change to Section 912.2 of the *2006 International Plumbing Code* allows all of the fixtures listed in Section 912.1 to have vertical pipes (drops) in the fixture drains.

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