



OKLAHOMA

Uniform Building Code Commission Staff Comment Form - FGMP 4

FGMP Technical Committee

Review of the 2021 Editions of the International Fuel Gas Code® (IFGC®), International Mechanical Code® (IMC®), International Plumbing Code® (IPC®)

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Code Change Information

Originating Committee: FGMP-2009

Code Modified: 2018 IFGC, IMC, & IPC

Original Comment Form Number: FGMP-58, 84 & 90

Rule Number: 748:20-12-8 (6); 748:20-14-8 (8); 748:20-16-8 (8)

Which area of the code (Section, Table, Figure) was revised?

IFGC Ch 3, Section 307.2.1, IMC 307.2.1 & IPC 314.2.1

Page Number: IFGC 3-9; IMC 3-7; and IPC 3-6

Previous Change:

IFGC

307.2.1 Condensate drains. Where condensing appliances are in locations subject to freezing conditions, the condensate drain line shall be protected from freezing in an approved manner and in accordance with manufacturer's installation instructions.

IMC®

307.2.1 Condensate disposal. Condensate from all cooling coils and evaporators shall be conveyed from the drain pan outlet to an approved place of disposal. Such piping shall maintain a minimum horizontal slope in the direction of discharge of not less than one-eighth unit vertical in 12 units horizontal (1-percent slope). Condensate drains shall be allowed to terminate to an approved pit or French drain consisting of a minimum of 24 inches by 24 inches by 24 inches (610 mm by 610 mm by 610 mm), or equivalent; of 1 inch (25 mm) washed rock. Such pits or French drains shall be located 30 inches (762 mm) minimum from outer edge of foundation to nearest edge of pit or French drain. Condensate shall not discharge into a street, alley or other areas so as to cause a nuisance.

IPC®

[M] Section 314.2.1 Condensate disposal. Condensate from all cooling coils and evaporators shall be conveyed from the drain pan outlet to an approved place of disposal. Such piping shall maintain a horizontal slope in the direction of discharge of not less than one-eighth unit vertical in 12 units horizontal (1-percent slope). Condensate drains shall be allowed to terminate to an approved pit or French drain consisting of a minimum of 24 inches by 24 inches by 24 inches (610 mm by 610 mm by 610 mm), or equivalent; of 1 inch (25 mm) washed rock. Such pits or French drains shall be located 30 inches (762 mm) minimum from outer edge of foundation to nearest edge of pit or French drain. Condensate shall not discharge into a street, alley or other areas so as to cause a nuisance.

Historical information

This section was modified by the FGMP committee during the 2009 adoption. The change was to address the need for condensate furnaces, installed in attics that could be subject to freezing drains. It specifies in the absence of manufacturer's installation instructions; the drain would be protected from freezing in an approved manner. The 2015 committee added the language to protect against the condensing water which comes off the heaters.