

ARTICLE 406

RECEPTACLES AND ATTACHMENT PLUGS (CAPS)

Introduction to Article 406—Receptacles and Attachment Plugs (Caps)

This article covers the rating, type, and installation of receptacles and attachment plugs (cord caps). It also covers flanged surface inlets.

406.9 Receptacles in Damp or Wet Locations

The prohibited locations for receptacles in bathrooms were expanded and a new exception was added.

406.9 Receptacles in Damp or Wet Locations



Scan this QR code for a video of Mike explaining this topic; it's a sample from the videos that accompany this textbook.

Analysis



EXPANDED

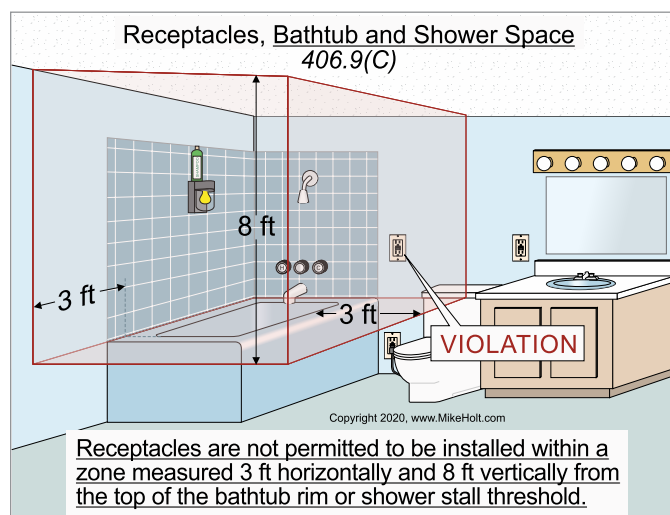
406.9(C) Bathtub and Shower Space. The language in this section was revised to be much more specific and restrictive as to the permitted locations of receptacles in bathtub and shower spaces and prohibits receptacles from being installed within 3 ft horizontally and 8 ft vertically from the top of the bathtub rim or shower stall threshold. This distance matches that in 410.10(D) for luminaires in those spaces. The previous language only said that the receptacle could not be within or directly over a bathtub or shower stall. This now requires a specific distance from the tub or shower.



NEW

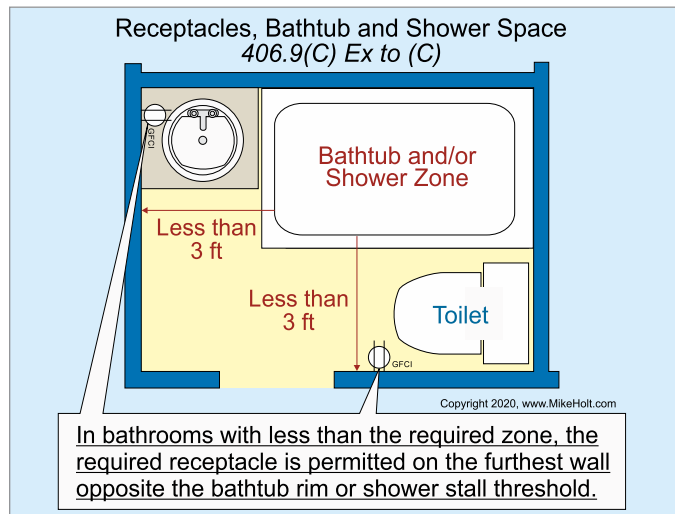
406.9(C) Ex Bathtub and Shower Space. The exception recognizes that some bathrooms are just too small to be able to locate the receptacle 3 ft horizontally from the bathtub rim or shower stall threshold. It permits a receptacle to be located opposite the tub or shower on the farthest wall within the room, even where that location is less than 3 ft from the tub rim or shower stall threshold.

(C) Bathtub and Shower Space. Receptacles are not permitted to be installed within a zone measured 3 ft horizontally and 8 ft vertically from the top of the bathtub rim or shower stall threshold. The zone is all-encompassing and includes the space directly over the tub or shower stall. ▶Figure 406-13



▶Figure 406-13

Ex to (C): Ex to (C): In bathrooms with less than the required zone, a receptacle is permitted on the furthest wall opposite the bathtub rim or shower stall threshold. ▶Figure 406-14



▶Figure 406-14