



Thomas & Betts

ANALYSIS OF NEC ®

2017 Code Changes: Article Section 422.5 GFCI Protection for Appliances
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Section 422.5 GFCI Protection for Appliances

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(A) General. Appliances identified in 422.5(A)(1) through (5) rated 250 volts or less and 60 amperes or less, single- or 3-phase, shall be provided with GFCI protection for personnel. Multiple GFCI protective devices shall be permitted but shall not be required.

- (1) Automotive vacuum machines provided for public use
- (2) Drinking water coolers
- (3) High-pressure spray washing machines — cord-and-plug-connected
- (4) Tire inflation machines provided for public use
- (5) Vending machines

(B) Type. The GFCI shall be readily accessible, listed, and located in one or more of the following locations:

- (1) Within the branch circuit overcurrent device
- (2) A device or outlet within the supply circuit
- (3) An integral part of the attachment plug
- (4) Within the supply cord not more than 300 mm (12 in.) from the attachment plug
- (5) Factory installed within the appliance

Analysis of the Change

The GFCI requirements for Appliances (250 Volts or less and 60 amperes or less, single or 3 phase, have been centralized to a single section in Article 422. GFCI requirements for appliances in previous editions of the NEC were located in Section 210.8 and other sections of the code.

Products

ABB GFCI Circuit Breakers



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Contact Us

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Disclaimer: This is not intended to be an iteration of all the changes, but a reference of a change that may affect the Thomas & Betts, ABB & Baldor product lines. For a more in-depth document, please contact the International Association of Electrical Inspectors at www.iaei.org.

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