

(D) Bathrooms. At least one receptacle outlet shall be installed in bathrooms within 900 mm (3 ft) of the outside edge of each sink. The receptacle outlet shall be located on a wall or partition that is adjacent to the sink or sink countertop, located on the countertop, or installed on the side or face of the sink cabinet. In no case shall the receptacle be located more than 300 mm (12 in.) below the top of the sink or sink countertop. Receptacle outlet assemblies listed for use in countertops shall be permitted to be installed in the countertop.

Informational Note: See 406.5(E) and 406.5(G) for requirements on installation of receptacles in countertops.

The permission to install a receptacle outlet on the basin cabinet is not contingent on the adjacent wall location being infeasible. This receptacle is also required to be GFCI protected in accordance with 210.8(A)(1). This receptacle is required in addition to any receptacle that is part of any luminaire or medicine cabinet. If there is more than one basin, a receptacle outlet is required adjacent to each basin location. One receptacle outlet within 36 inches off both basins can be used to satisfy this requirement.

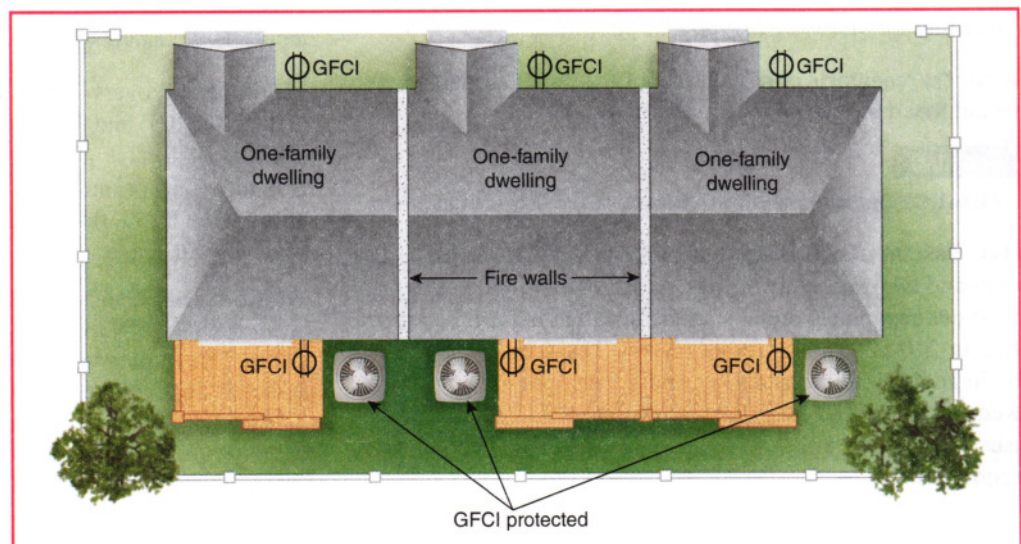
Section 210.11(C)(3) requires that receptacle outlets be supplied from a 20-ampere branch circuit with no other outlets. However, this circuit is permitted to supply the required receptacles in more than one bathroom. If the circuit supplies the required receptacle outlet in only one bathroom, it is also allowed to supply lighting and an exhaust fan in that bathroom, provided the lighting and fan load does not exceed that permitted by 210.23(B)(2). Receptacle outlets installed in addition to the one(s) required by 210.52 (D) to serve countertop or other work surfaces are also permitted to be supplied by the required 20-ampere branch circuit.

See also

406.9(C), which prohibits installation of a receptacle over a bathtub or inside a shower stall

Exhibit 210.8 for a sample electrical layout of a bathroom

EXHIBIT 210.29 Three one-family dwellings (separated from each other by fire walls) with GFCI-protected receptacles located at the front and the back of each dwelling.



(E) Outdoor Outlets. Outdoor receptacle outlets shall be installed in accordance with 210.52(E)(1) through (E)(3).

Outdoor receptacles must be installed so that the receptacle faceplate rests securely on the supporting surface to prevent moisture from entering the enclosure. On uneven surfaces such as brick, stone, or stucco, it might be necessary to use mounting blocks or to close openings with caulking compound or mastic.

See also

406.9 for more information on receptacles installed in damp or wet locations

(1) One-Family and Two-Family Dwellings. For a one-family dwelling and each unit of a two-family dwelling that is at grade level, at least one receptacle outlet readily accessible from grade and not more than 2.0 m (6½ ft) above grade level shall be installed at the front and back of the dwelling.

Two outdoor receptacle outlets are required for each dwelling unit. One receptacle outlet is required at the front and one at the back as shown in Exhibit 210.29. The two required receptacle outlets are to be readily accessible to a person standing on the ground (at grade level). Where outdoor heating, air-conditioning, and refrigeration equipment is located at grade level, the receptacle outlets required by this section can be used to comply with the requirement of 210.63, provided that one of the outlets is located within 25 feet of the equipment and on the same level. Outdoor receptacle outlets on decks, porches, and similar structures can be used to meet 210.52(E) as long as the receptacle outlet is readily accessible and not more than 6½ feet above grade.

(2) Multifamily Dwellings. For each dwelling unit of a multifamily dwelling where the dwelling unit is located at grade level and provided with individual exterior entrance/egress, at least one receptacle outlet readily accessible from grade and not more than 2.0 m (6½ ft) above grade level shall be installed.