

DWELLING UNIT

120 volt GFCI Protected Receptacle Outlets - REQUIRED LOCATIONS

DATE OF NEC EDITION	S W I M M I N G	P O O L S	S P A S H O T	T U B S	E X T E R I O R	B A T H R O O M S	G A R A G E	H Y D R O T U B S	M A S S A G E	B O A T H O U S E S	K I T C H E N	U N F I N I S H E D	B A S E M E N T S	C R A W L S P A C E	W E T B A R	L A U N D R Y	U T I L I T Y
1971	X _{1b}				X _{2a}												
1975	X _{1a}				X	X											
1978	X _{1a}				X _{2b}	X	X _{3a}										
1981	X _{1a}		X _{4a}		X _{2b}	X	X _{3a}										
1984	X _{1b}		X _{4a}		X _{2b}	X	X _{3a}										
1987	X _{1b}		X _{4a,b}		X _{2b}	X	X _{3a}	X _{9a}	X	X _{5a}	X _{6a}						
1990	X _{1b}		X _{4a,b}		X _{2b}	X	X _{3a}	X _{9a}	X	X _{5a}	X _{6b}	X ₁₀					
1993*	X _{1b}		X _{4a,b}		X _{2b}	X	X _{3a}	X _{9b}	X	X _{5a}	X _{6b}	X ₁₀	X ₇				
1996*	X _{1c}		X _{4a,b}		X _{2c}	X	X _{3a,b}	X _{9b,c}	X	X _{5b}	X _{6b,c}	X ₁₀	X ₇				
1999*	X _{1c}		X _{4a,b}		X _{2c}	X	X _{3b,c}	X _{9b,c}	X	X _{5b}	X _{6b,c}	X ₁₀	X ₇				
2002*	X _{1c}		X _{4a,b}		X _{2c}	X	X _{3b,c}	X _{9b,c}	X	X _{5b}	X _{6b,c}	X ₁₀	X ₇				
2005*	X _{1c}		X _{4a,b}		X _{2c}	X	X _{3b,c}	X _{9b,c}	X	X _{5b}	X _{6c,d}	X ₁₀	X ₇			X ₈	
2008* **	X _{1d}		X _{4a,c}		X _{2c}	X	X	X _{9b,d}	X	X _{5c}	X _{6e}	X ₁₀	X ₇			X ₈	
2011* **	X _{1d}		X _{4a,c}		X _{2c}	X	X	X _{9b,d}	X	X _{5c}	X _{6e}	X ₁₀	X ₇			X ₈	
2014* ** ***	X _{1d}		X _{4a,c}		X _{2c}	X	X	X _{9b,d}	X	X _{5c}	X _{6e}	X ₁₀	X ₇			X ₈	

- 1a. All receptacle outlets within 15 feet of the water, in any direction (also see EXTERIOR), NO receptacle outlets within 10 feet of inside of pool walls.
- 1b. All receptacle outlets within 20 feet of the water, in any direction (also see EXTERIOR), NO receptacle outlets within 10 feet of inside of pool walls.
- 1c. All receptacle outlets within 20 feet of the water, in any direction (also see EXTERIOR), NO receptacle outlets within 10 feet of inside of pool walls, except receptacle outlets for pump which must be at least 5 feet from inside of pool walls.
- 1d. All receptacle outlets within 20 feet of the water, in any direction (also see EXTERIOR), NO receptacle outlets within 6 feet of inside of pool walls, receptacle outlets for pumps at least 10 feet, except not less than 6 feet if meet special requirements (single, twist-lock, GFCI protected, grounded receptacle)
- 2a. Effective January 1, 1973.
- 2b. Changed to 'with direct grade access to dwelling and outlets' in 1978. Direct grade access was defined in 1987 as 6 feet 6 inches or less above grade.
- 2c. Changed back to ALL dwelling unit exterior receptacle outlets in 1996; except an outlet for snow melting equipment IF on a dedicated circuit and NOT readily accessible.
- 3a. All, except receptacle outlets not readily accessible (6 feet 8 inches? or higher) and receptacle outlets for dedicated appliances which are not easily movable (freezer, refrigerator, etc.).
- 3b. Unfinished accessory buildings are treated like garage.
- 3c. Accessory buildings that have a floor located at or below grade and not intended as habitable rooms and limited to storage areas, work areas, and areas of similar use.
- 4a. Outdoor spa or hot tub - see Swimming Pools.
- 4b. Indoor spa or hot tub, receptacles within 10 feet, receptacle outlets must be at least 5 feet from inside wall of spa.
- 4c. Indoor spa or hot tub, receptacles within 10 feet, NO receptacle outlets within 6 feet of inside of spa or hot tub walls.
- 5a. Receptacle outlets within 6 feet of kitchen sink to serve as counter top outlets, outlets not to be installed face up in work surfaces and counter tops.
- 5b. All receptacle outlets which serve as counter top outlets, except outlets for refrigerator or freezer.
- 5c. All receptacle outlets which serve as counter top outlets.
- 6a. At least one receptacle outlet and which must be identified as being GFCI protected.
- 6b. Changed to all receptacle outlets in unfinished basements and crawl spaces, except: laundry, sump pump, refrigerator or freezer.
- 6c. Except where not readily accessible.
- 6d. Changed to all receptacle outlets in unfinished basements, except: laundry appliances, refrigerator or freezer, or permanently installed burglar or fire alarm.
- 6e. Changed to all receptacle outlets in unfinished basements, except permanently installed fire alarm or burglar alarm system.
7. Receptacle outlets within 6 feet of wet bar sink to serve as counter top receptacle outlets, outlets not to be installed face up in work surfaces and counter tops.
8. Receptacle outlets within 6 feet of sink.
- 9a. *CIRCUITS* serving hydromassage tub. All CIRCUITS (not receptacle outlets) supplying a hydromassage tub are required to be GFCI protected.
- 9b. Hydromassage tub and associate electric components shall be GFCI protected - by GFCI protected circuit ... by GFCI receptacle outlet - not specified.
- 9c. Receptacle outlets serving hydromassage tub. All 125-volt receptacle outlets within 5 feet horizontally from inside walls of hydromassage tub.
- 9d. Receptacle outlets serving hydromassage tub. All 125-volt 30 amp and less outlets within 6 feet horizontally from inside walls of hydromassage tub.
10. At or below grade level.

* Beginning in 1993 ALL receptacle outlets which are replaced and which are in locations which require GFCI protection in the code applicable at the time of replacement require the replacement receptacle outlets to be GFCI protected

** Beginning in 2008 ALL receptacle outlets installed in damp and/or wet locations are required to be listed as weather-resistant, INCLUDING GFCI receptacle outlets, these are typically identified by the abbreviations 'WR' on the face of the receptacle outlet with the 'WR' visible after installation

*** NOTE: With the 2014 NEC, Kitchen and Laundry Areas REQUIRE both GFCI and AFCI protection