

**DWELLING UNIT**  
**120 volt GFCI Protected Receptacle Outlets - REQUIRED LOCATIONS**

<b>DATE OF NEC EDITION</b>	<b>S W I M M I N G P O O L S</b>	<b>S P A S H O T T U B S</b>	<b>E X T E R I O R</b>	<b>B A T H R O O M S</b>	<b>G A R A G E</b>	<b>H Y D R O T U B S</b>	<b>M A S S A G E</b>	<b>B O A T H O U S E S</b>	<b>K I T C H E N</b>	<b>U N F I N I S H E D B A S E M E N T S</b>	<b>C R A W L S P A C E</b>	<b>W E T B A R</b>	<b>L A U N D R Y</b>	<b>U T I L I T Y</b>
1971	X <sub>1b</sub>		X <sub>2</sub>											
1975	X <sub>1a</sub>		X	X										
1978	X <sub>1a</sub>		X <sub>3a</sub>	X	X <sub>4</sub>									
1981	X <sub>1a</sub>	X <sub>5a</sub>	X <sub>3a</sub>	X	X <sub>4</sub>									
1984	X <sub>1b</sub>	X <sub>5a</sub>	X <sub>3a</sub>	X	X <sub>4</sub>									
1987	X <sub>1b</sub>	X <sub>5a,b</sub>	X <sub>3a</sub>	X	X <sub>4</sub>	X <sub>5b</sub>	X	X <sub>6a</sub>	X <sub>7a</sub>					
1990	X <sub>1b</sub>	X <sub>5a,b</sub>	X <sub>3a</sub>	X	X <sub>4</sub>	X <sub>5b</sub>	X	X <sub>6a</sub>	X <sub>7b</sub>	X <sub>13</sub>				
1993	X <sub>1b</sub>	X <sub>5a,b</sub>	X <sub>3a</sub>	X	X <sub>4</sub>	X <sub>5b</sub>	X	X <sub>6a</sub>	X <sub>7b</sub>	X <sub>13</sub>	X <sub>8</sub>			
1996	X <sub>1c</sub>	X <sub>5a,b</sub>	X <sub>3b</sub>	X	X <sub>4,9a</sub>	X <sub>5b</sub>	X	X <sub>6b</sub>	X <sub>7b,c</sub>	X <sub>13</sub>	X <sub>8</sub>			
1999	X <sub>1c</sub>	X <sub>5a,b</sub>	X <sub>3b</sub>	X	X <sub>4,9b</sub>	X <sub>12a</sub>	X	X <sub>6b</sub>	X <sub>7b,c</sub>	X <sub>13</sub>	X <sub>8</sub>			
2002	X <sub>1c</sub>	X <sub>5a,b</sub>	X <sub>3b</sub>	X	X <sub>4,9b</sub>	X <sub>12a</sub>	X	X <sub>6b</sub>	X <sub>7b,c</sub>	X <sub>13</sub>	X <sub>8</sub>			
2005	X <sub>1c</sub>	X <sub>5a,b</sub>	X <sub>3b</sub>	X	X <sub>4,9b</sub>	X <sub>12a</sub>	X	X <sub>6b</sub>	X <sub>7c,d</sub>	X <sub>13</sub>	X <sub>11</sub>	X <sub>C</sub>		
2008*	X <sub>1d</sub>	X <sub>5a,c</sub>	X <sub>3b</sub>	X	X	X <sub>12b</sub>	X	X <sub>6c</sub>	X <sub>7e</sub>	X <sub>13</sub>	X <sub>11</sub>	X <sub>11</sub>		
2011	X <sub>1d</sub>	X <sub>5a,c</sub>	X <sub>3b</sub>	X	X	X <sub>12b</sub>	X	X <sub>6c</sub>	X <sub>7e</sub>	X <sub>13</sub>	X <sub>11</sub>	X <sub>11</sub>		

- 1a. All receptacles 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 receptacles 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 receptacles 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 receptacles for pump which must be at least 5 feet from of inside of pool walls.
- 1d. All receptacles outlets within 20 feet of the water, in any direction (also see EXTERIOR), NO receptacle outlets within 10 feet of inside of pool walls, including receptacles for pump, 6 feet if meet special requirements (such as single twist-lock receptacle, etc.)
2. Effective January 1, 1973.
- 3a. 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.
- 3b. Changed back to ALL dwelling unit exterior outlets in 1996; except an outlet for snow melting equipment IF on a dedicated circuit and NOT readily accessible.
4. All, except outlets not readily accessible (6 feet 8 inches? or higher) and outlets for dedicated appliances which are not easily movable (freezer, refrigerator, etc.).
- 5a. Outdoor spa or hot tub - see Swimming Pools.
- 5b. Indoor spa or hot tub, receptacles within 10 feet, receptacles must be at least 5 feet from inside wall of spa.
- 5c. Indoor spa or hot tub, receptacles within 10 feet, NO receptacle outlets within **6 feet** of inside of spa or hot tub walls.
- 6a. 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.
- 6b. All outlets which serve as counter top outlets, except outlets for refrigerator or freezer.
- 6c. All outlets which serve as counter top outlets.
- 7a. At least one, which must be identified as being GFCI protected.
- 7b. Changed to all receptacles in unfinished basements and crawl spaces, except: laundry, sump pump, refrigerator or freezer.
- 7c. Except where not readily accessible.
- 7d. Changed to all receptacles in unfinished basements, except: laundry appliances, refrigerator or freezer, or permanently installed burglar or fire alarm.
- 7e. Changed to all receptacles in unfinished basements, except permanently installed burglar or fire alarm.
8. Outlets within 6 feet of wet bar sink to serve as counter top outlets, outlets not to be installed face up in work surfaces and counter tops.
- 9a. Unfinished accessory buildings are treated like garage.
- 9b. 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.
10. Receptacles within 5 feet.
11. Outlets within 6 feet of sink.
- 12a. Outlets serving hydromassage tub. All 125-volt 30 amp and less outlets within 5 feet horizontally from inside walls of hydromassage tub.
- 12b. Outlets serving hydromassage tub. All 125-volt 30 amp and less outlets within **6 feet** horizontally from inside walls of hydromassage tub.
13. At or below grade level.

\* Beginning in 2008 ALL receptacles installed in damp locations and/or wet locations are required to be listed as weather-resistant, INCLUDING GFCI receptacles, these should be identified by the words 'Weather Resistant' or the abbreviations 'WR' on the face of the receptacle, visible after installation

**IT IS ALWAYS BEST TO INSTALL GFCI PROTECTION TO MEET THE MOST CURRENT CODE, IN ALL WET AREAS, IN ALL AREAS SUBJECT TO BECOMING WET, AND IN ALL AREAS OF POTENTIAL ELECTRICAL SHOCK, EVEN IF NOT SPECIFICALLY LISTED ABOVE.**