

STORABLE SWIMMING POOLS, SPAS, & HOT TUBS

2017 National Electrical Code Requirements NEW YORK ELECTRICAL INSPECTION AGENCY

585.436.4460 www.NYEIA.com

STORABLE POOLS ARE SWIMMING, WADING, OR IMMERSION POOLS THAT ARE INTENDED TO BE STORED WHEN NOT IN USE, CONSTRUCTED ON OR ABOVE THE GROUND, AND ARE CAPABLE OF HOLDING WATER TO A MAXIMUM DEPTH OF 42 IN., OR A POOL, CONSTRUCTED ON OR ABOVE GROUND WITH NON METALLIC, MOLDED POLYMERIC WALLS, OR INFLATABLE FABRIC WALLS REGARDLESS OF DIMENSION.

(The maximum water depth of 42" does not apply to inflatable swimming pools.)

1) Storable Pool Pumps

- a. Cord-connected pool filters must be approved system and have a double insulation or equivalent cord
- b. Cord-connected pool filter pumps must have a ground-fault circuit interrupter (GFCI) on the power supply cord located within 12" of the attached plug or that is an integral part of the attached plug on the cord.

2) Receptacle (Outlet) and Wiring Method for Storable Pool Pump

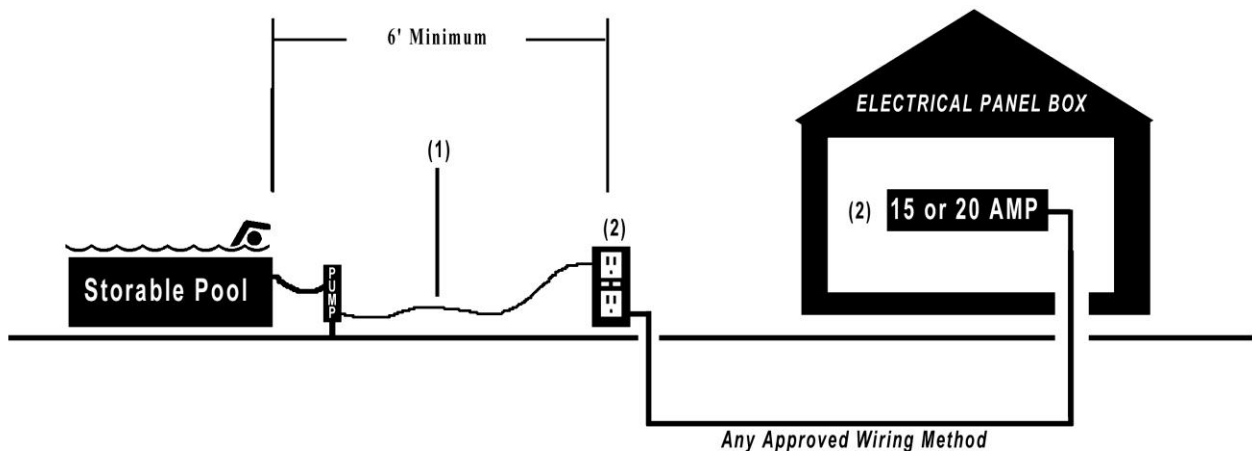
- a. Any receptacle, existing or new, cannot be located closer than 6' of the inside wall of the storable pool.
- b. The receptacle must be grounded, must be Ground Fault Circuit Interrupter (GFCI) protected, and the Tamper Resistant (TR), and Weather Resistant (WR) type receptacle.
- c. Receptacle must have an In-use, extra-duty weatherproof cover that can be closed when the cord is plugged in.
- d. An Automatic Timer (Time Switch) must be installed on storable swimming pool pumps.

3) Luminaries (lights) for Storable Pools (if used)

- a. Luminaries cannot have any exposed metal parts and must be listed for the purpose.
- b. Luminaries 15 Volts or less must:
 - i. Have a luminaire lamp that operates at 15 volts or less
 - ii. Have an impact-resistant polymeric lens, luminaire body, and a transformer enclosure
 - iii. Have a transformer listed for swimming pools with a primary rating not over 150 volts
- c. Luminaries Over 15 Volts but not over 150 volts must:
 - i. Have an impact-resistant polymeric lens and luminaire body
 - ii. Have Ground Fault Circuit Interrupter (GFCI) protection.

4) Other

- a. Building Permits are required. Secure a Building Permit from your municipality prior to beginning work.
- b. Pool Alarms may be required. (Check with your local Building Department for additional information.)
- c. All receptacles located within 20' of the inside walls of a storable pool wall must be GFCI protected.
- d. Overhead power lines within 10' of the edge of the storable pool must be at least 22 ½' above the water surface.



**PLEASE CONTACT YOUR LOCAL INSPECTOR IF YOU HAVE ANY QUESTIONS
NEW YORK ELECTRICAL INSPECTION AGENCY**

Fritz Gunther – Chief Electrical Inspector

2767 Dewey Avenue * Rochester, New York 14616 ~ (585) 436-4460 * www.NYEIA.com

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