STORABLE SWIMMING POOLS, SPAS, & HOT TUBS

ELECTRICAL WIRING REQUIREMENTS
2014 National Electrical Code

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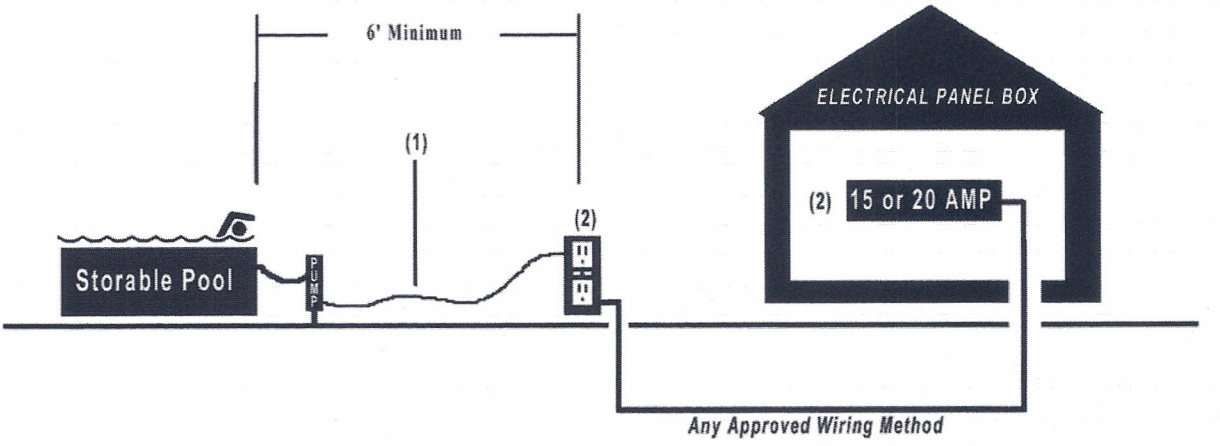
STORABLE POOLS ARE THOSE THAT ARE CONSTRUCTED ON OR ABOVE THE GROUND, AND ARE CAPABLE OF HOLDING WATER TO A MAXIMUM DEPTH OF 42 IN., OR A POOL, SPA, OR HOT TUB WITH NON METALLIC, MOLDED POLYMERIC WALLS, OR INFLATABLE FABRIC WALLS REGARDLESS OF DIMENSION. (The maximum water depth of 42" does not apply to inflatable swimming pools.)

1) **Storable Pool Pumps**
   a. A cord-connected pool filter must incorporate an approved system of double insulation or equivalent
   b. Cord-connected pool filter pumps must be provided with a ground-fault circuit interrupter (GFCI) that is an integral part of the attached plug or located in the power supply cord within 12" of the attached plug.

2) **Receptacle (Outlet) and Wiring Method for Storable Pool Pump**
   a. Receptacles cannot be located within 6' of the inside wall of a 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 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.



PLEASE CONTACT YOUR LOCAL INSPECTOR IF YOU HAVE ANY QUESTIONS

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