

ABOVE GROUND POOL – ELECTRICAL REQUIREMENTS

**may be subjected to changes that reflect the code*

as provided by Edgewater Park Township

Utility & overhead wires – minimum clearance:

- 0 – 750 volts = 22' 6"
- 0 – 15 kv = 25'
- 15 – 50 kv = 27'
- Measured from top of water level & 10' horizontally from outside edge of pool
- Underground wiring not permitted under pool or within 5" horizontally from pool wall except for pool equipment supply

General Notes:

1. All exterior 120 volt 15- & 20-amp receptacles must be GFCI protected.
2. At least (1) 125 volt 15- or 20-amp convenience receptacle on a branch circuit shall be located 6' to 20' from the pool.
3. Time clock for pool pump.

GFCI protected receptacles as required for pool pumps with weatherproof box & bubble cover.

A separate electrical permit is required if adding service.

10' minimum

Note: May be reduced to minimum 6' if ALL the following requirements are met:

- Single receptacle
- Grounded
- GFCI protected

Pool Water Bond: Maybe a bonded metal ladder, water pump nipple, skimmer bond kit, etc. ...

POOL

PUMP MOTOR

FILTER

Flexible cord less than 3'

Equipment bonding required:

#8 solid bare copper wire 4" – 6" deep within 18" – 24" measured from the inside of the pool wall & around the entire pool perimeter outside of pool attached as follow:

Start at MOTOR & connect to 4 points on POOL equally spaced around POOL end at the Pool Water Bond (see above). Use proper wire lug connectors.

Bonding to include:

1. Water
2. Motor &/or heater
3. Pool wall, if metal
4. Reinforcing steel

Wire listed for wet locations with green insulated equipment ground not smaller than #12 installed in listed non-metallic raceway 18" deep or rigid metal conduit or intermediate metal conduit 6" deep.

Note: Romex or UF wiring is not permitted.