

Kentucky codes for installing an in-ground pools, spas and hot tubs based on the 2015 IRC Code (Section R326) as adopted in Kentucky 2018.

APPLICATION

1. All pools, spas and hot tubs are to be submitted to this office with a plot plan showing dimensions from the pool to the house, from the rear and from each side of the property lines to that pool, spa and/or hot tub. Any additional structures located on the property should also be located on the plat plan when being constructed in any subdivision.
2. An application must be filled out in the office of the Planning and Zoning, prior to beginning this project or any project under the building code. The application is to tell if the pool is for swimming only or swimming and with a diving board. Pool companies can supply a drawing of the pool with depth and sidewall dimensions. Once the application is filled out and submitted with an adequate plot plan, reviewed by the building officer, checked off with approvals from agencies of the electric board, water company, public works, and any City or County agencies of concern, our office will then contact you to come to our office and pay for your permit. Pools, spas and hot tubs are required to obtain an electrical permit for bonding of equipment. Upon payment, your permit will be issued with the following understandings and conditions attached.
3. You are responsible for calling in for the inspections for this project. Call Kentucky 811 -Before You Dig to locate all utilities prior to digging. Inspections require a 24 hour in advance request before to scheduling an inspection. We try very hard to prioritize open footings when it comes to weather expectations.

FOOTINGS AND LOCATION

1. Pools are required to set off from the house by Zoning, 10 foot.

2. After determining the location of the pool on the property, construction may commence.
3. Any earthwork toward building a pad higher in low laying areas may begin upon location of the pool area.

R326.7 Permanently installed spas and hot tubs. Permanently installed spas and hot tubs shall be designed and constructed in compliance with ANSI/NSPI-3.

R326.8 Barrier Requirements. The provisions of this section shall control the design of barriers for residential swimming pools. These design controls are intended to provide protection against potential drownings and near - drownings by restricting access to swimming pools.

R326.8.1 Outdoor swimming pool. An outdoor in-ground swimming pool shall be surrounded by a barrier, which shall comply with the following:

1. The top of the barrier shall be at least 48 inches (1219 mm) above grade measured on the side of the barrier, which faces away from the swimming pool. The maximum vertical clearance between grade and the bottom of the barrier shall be 4 inches (102 mm) measured on the side of the barrier, which faces away from the swimming pool.
2. Openings in the barrier shall not allow the passage of a 4-inch-diameter (102 mm) sphere.
3. Solid barriers which do not have openings, such as a masonry or stone wall, shall not contain indentations or protrusions, except for normal construction tolerances and tooled masonry joints.
4. Where the barrier is composed of horizontal and vertical members, and the distance between the tops of the horizontal members is less than 24 inches (610 mm), the horizontal members shall be located on the swimming pool side of the fence. Spacing between vertical members shall not exceed 1 3/4 inches (44 mm) in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1 3/4 inches (44 mm) in width.

Exception: When intermediate horizontal members are located 34 inches (864 mm) or more above grade, the spacing between vertical members shall not exceed 4 inches (102 mm) in width.

5. Where the barrier is composed of horizontal and vertical members, and the distance between the tops of the horizontal members is 24 inches (610 mm) or more, spacing between vertical members shall not exceed 4 inches (102 mm). Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1 3/4 inches (44 mm) in width.

6. Maximum mesh size for chain link fences shall be a 2 1/4-inch (57 mm) square, unless the fence has slats fastened at the top or the bottom which reduce the openings to not more than 1 3/4 inches (44 mm).

7. Where the barrier is composed of diagonal members, such as a lattice fence, the maximum opening formed by the diagonal members shall not be more than 1 3/4 inches (44 mm).

8. Access gates shall comply with the requirements of items 1 through 7, and shall be equipped to accommodate a locking device. Pedestrian access gates shall open outward away from the swimming pool, and shall be self-closing and have a self-latching device. Gates, other than pedestrian access gates, shall have a self-latching device. Where the release mechanism of the self-latching device is located less than 48 inches (1219 mm) above grade from the bottom of the gate, the release mechanism and openings shall comply with the following:

8.1. The release mechanism shall be located on the swimming pool side of the gate at least 3 inches (76 mm) below the top of the gate; and

8.2. The gate and barrier shall have no opening larger than 1/2 inch (12.7 mm) within 18 inches (457 mm) of the release mechanism.

9. Where a wall of a dwelling serves as part of the barrier, one of the following conditions shall be met:

9.1. The swimming pool shall be equipped with a powered safety cover in compliance with ASTM F 1346;

9.2. Doors with direct access to the swimming pool through that wall shall be equipped with an alarm that produces an audible warning when the door and its screen, if present, are opened. The alarm shall be listed and labeled in accordance with UL 2017. The deactivation switch(es) shall be located at least 54 inches (1372 mm) above the threshold of the door; or

9.3. Other means of protection, such as self-closing doors with self-latching devices, which are approved by the authority having jurisdiction, shall be acceptable as long as

the degree of protection afforded is not less than the protection afforded by Item 9.1 or 9.2 described herein.

R326.10 Entrapment Protection for Swimming Pool and Spa Suction Outlets. Suction outlets shall be designed and installed in accordance with ANSI/APSP-7.

ABOVE GROUND POOLS

R326.5 Above-ground and on-ground pools. Aboveground and on-ground swimming pools shall be designed and constructed in compliance with ANSI/NSPI-4.