



Hardin County

Planning and Development Commission

Swimming Pools

Appendix G – 2013 Kentucky Residential Code, Feb. 2014 (Pg. 829...)

Disclaimer: This handout was developed by the Hardin County Planning Commission for general requirements under the 2013 Kentucky Residential Code. It is not intended to cover all circumstances. Check with the Building Department for additional requirements.

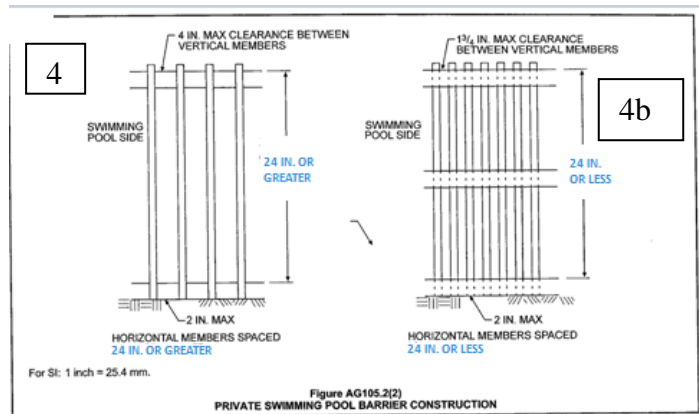
The provisions of this appendix illustrate the design and construction of outdoor in-ground swimming pools for Hardin County, Kentucky.

Barrier Requirements (Section AG105.2) Barrier/Fencing for residential in-ground swimming pools is intended to provide protection against potential drownings and near-drownings by restricting access to swimming pools.

An outdoor in-ground swimming pool, defined as a structure for swimming or recreational bathing that contains water more than 24” deep, shall be surrounded by a barrier which shall comply with the following:



1. Top of barrier/fence shall be at least 48 inches above grade, measured on the side of the fence which faces away from the swimming pool. The maximum vertical clearance between grade and the bottom of the barrier shall be no more than 4 inches.
2. Solid barriers, such as a masonry or stone wall, shall not contain indentations or protrusions except for normal construction tolerances and tooled masonry joints.
3. Chain link fences shall be a 2 ¼ inch square unless the fence is provided with fixed slats reducing openings to not more than 1 ¾”.
4. Barrier/fence openings and spacing, also including vertical members where distance between the tops of horizontal members **is more than 24 inches**, shall not allow passage of a 4-inch diameter sphere. Barrier/fence composed of horizontal and vertical members

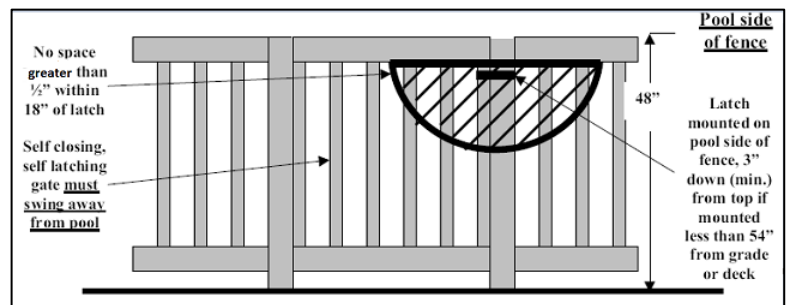


- a) Where the distance between the tops of the horizontal members **is less than 45 inches**, the horizontal members shall be located on the swimming pool side of the fence.
- b) Spacing between vertical members shall not exceed 1 ¾ inches in width. *Exception: when intermediate horizontal members are located 34 inches or more above grade, the spacing between vertical members shall not exceed 4 inches in width.*

5. Gates shall comply with above and:

- be equipped with locking device
- open outward away from the pool and
- be self-closing and have a self-latching device.
- Where latch release is located less than 54 inches from the bottom of the gate, the following shall apply:

1. Latch shall be located on the pool side of the gate at least 3 inches below the top of the gate; and
2. The gate and barrier shall have no opening larger than ½ inch within 18 inches of latch release mechanism. (typically a clear plastic shield/s is required to be installed)



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

- The pool shall be equipped with a powered safety cover in compliance with ASTM F 1346; or
- Doors with direct access to the pool through that wall shall be equipped with an alarm which produces an audible warning (UL 1017) when the door and/or its screen are opened. Deactivation switch 54” above door threshold.

For additional requirements and other barrier conditions refer to full code sections AG105.2 through AG105.6.