

**ENCLOSURES FOR OUTDOOR POOLS  
AND PERMANENTLY INSTALLED SPAS & HOT TUBS  
2012 USBC/ International Swimming Pool and Spa Code (ISPSC)**

**ANY OUTDOOR AQUATIC VESSEL CONTAINING WATER MEASURING OVER  
12 INCHES IN DEPTH MUST BE PROTECTED BY A BARRIER WHICH MEETS  
THE FOLLOWING REQUIREMENTS:**

1. The top of barrier shall be at least 48 inches above grade measured on the side of the barrier which faces away from the aquatic vessel. The maximum vertical clearance between grade and the bottom of the barrier shall be 2 inches.
2. No opening shall allow a 4 inch sphere to pass through.
3. Solid barriers (masonry, stone) shall have no climbable surface.
4. In open barriers with horizontal members less than 45 inches apart (top to top), no openings shall exceed 1.75 inches and the horizontal members shall be on the pool side.
5. Maximum mesh size for chain link fence is 2.25 inches unless slats are secured so that no opening is more than 1.75 inches.
6. If diagonal members are used, such as lattice fence, maximum opening formed by diagonal members shall not be more than 1.75 inches.
7. Pedestrian access gates must open away from the pool only and be self-closing and self-latching. If release is less than 54 inches from bottom of gate, it must be on pool side at least 3 inches below top of gate and no openings greater than .5 inch within 18 inches of the release.
8. If a wall of a dwelling serves as part of the barrier, one of the following applies:
  - Provide powered safety cover which complies with ASTM F1346; **or**
  - Doors with direct access to the pool through that wall shall be equipped with an alarm which produces an audible warning when the door and/or 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" above the threshold the door; **or**
  - Other protection such as in item #6 above (subject to approval).
9. Where the structure of an above ground pool is used as a barrier, any ladders or steps shall be capable of being secured, locked, removed to prevent access; **or** provided with barriers as above.
10. Barriers shall be so located that surrounding structures, equipment or similar objects cannot be utilized to gain access from outside the pool area.

**AG1006.1 General. Suction outlets shall be designed and installed in accordance with ANSI/APSP-7.**

**NO PERMIT WILL BE ISSUED FOR THE PURPOSE OF INSTALLING A POOL, SPA OR HOT TUB UNTIL A BARRIER PLAN HAS BEEN SUBMITTED AND APPROVED. FINAL APPROVAL WILL NOT BE GIVEN PRIOR TO THE INSTALLATION OF THE REQUIRED BARRIER.  
(1/11/2012)**