

**IMPORTANT INFORMATION REGARDING**  
**SWIMMING POOL ENCLOSURES**

Please be advised that as of January 1, 2008, New York State updated the requirements for existing swimming pools with respect to the pool enclosure requirements. The new enclosure requirements are now part of the Property Maintenance Code; therefore all existing swimming pools must now meet the updated enclosure regulations.

Please carefully read the enclosed requirements and make arrangements to update your enclosure if necessary prior to calling for a final inspection. We will not be able to sign off on any permits or applications for updated or pre-existing use certificates of occupancy or compliance if the enclosure is not in conformance.

If you need further information, please contact the Building Dept. at 288-3479.

## BARRIER REQUIREMENTS

**§RAG105.1 Application.** The provisions of this chapter shall control the design of barriers for residential swimming pools, spas and hot tubs. These design controls are intended to provide protection against potential drownings and near-drownings by restricting access to swimming pools, spas and hot tubs.

**§RAG105.2 Outdoor swimming pool.** An outdoor swimming pool, including an in-ground, aboveground or on-ground pool, hot tub or spa shall be provided with 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 2 inches (51 mm) measured on the side of the barrier which faces away from the swimming pool. Where the top of the pool structure is above grade, such as an aboveground pool, the barrier may be at ground level, such as the pool structure, or mounted on top of the pool structure. Where the barrier is mounted on top of the pool structure, the maximum vertical clearance between the top of the pool structure and the bottom of the barrier shall be 4 inches (102 mm).
2. Openings in the barrier shall not allow 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 45 inches (1143 mm), the horizontal members shall be located on the swimming pool side of the fence. Spacing between vertical members shall not exceed 1.75 inches (44 mm) in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1.75 inches (44 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 45 inches (1143 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 1.75 inches (44 mm) in width.
6. Maximum mesh size for chain link fences shall be a 1.25-inch (32 mm) square unless the fence is provided with slats fastened at the top or the bottom which reduce the openings to not more than 1.75 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 1.75 inches (44 mm).
8. Access gates shall comply with the requirements of §RAG105.2, Items 1 through 7, and shall be [securely locked with a key, combination or other child-proof lock sufficient to prevent access to the swimming pool through such gate when the swimming pool is not in use or supervised](#). Pedestrian access gates shall open outward away from the 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 54 inches (1372 mm) 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 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 greater than 0.5 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 pool shall be equipped with a powered safety cover in compliance with ASTM F1346; or
  - 9.2. All 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 its screen, if present, are opened. The alarm shall sound continuously for a minimum of 30 seconds immediately after the door is opened and be capable of being heard throughout the house during normal household activities. The alarm shall automatically reset under all conditions. The alarm system shall be equipped with a manual means, such as touchpad or switch, to temporarily deactivate the alarm for a single opening. Such deactivation shall last for not more than 15 seconds. 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 governing body, shall be acceptable so long as the degree of protection afforded is not less than the protection afforded by Item 9.1 or 9.2 described above.

10. Where an aboveground pool structure is used as a barrier or where the barrier is mounted on top of the pool structure, and the means of access is a ladder or steps, then:

10.1. The ladder or steps shall be capable of being secured, locked or removed to prevent access, or 10.2. The ladder or steps shall be surrounded by a barrier which meets the requirements of §RAG105.2, Items 1 through 9. When the ladder or steps are secured, locked or removed, any opening created shall not allow the passage of a 4-inch-diameter (102 mm) sphere.

**§RAG105.3 Indoor swimming pool.** All walls surrounding an indoor swimming pool shall comply with §RAG105.2, Item 9.

**§RAG105.4 Prohibited locations.** Barriers shall be located so as to prohibit permanent structures, equipment or similar objects from being used to climb the barriers.

**§RAG105.5 Barrier exceptions.** Spas or hot tubs with a safety cover which complies with ASTM F 1346, as listed in §RAG107, shall be exempt from the provisions of this appendix.

## **1220.5. Swimming pool alarms. [amended text 12/14/2006]**

**(a) Purpose.** Paragraph (b) of subdivision (14) of section 378 of the Executive Law, as added by Chapter 450 of the Laws of 2006, requires that the New York State Uniform Fire Prevention and Building Code (the Uniform Code) provide that any “residential or commercial swimming pool constructed or substantially modified after the effective date of this paragraph (December 14, 2006) shall be equipped with an acceptable pool alarm capable of detecting a child entering the water and of giving an audible alarm.” The Introducer’s Memorandum in Support of Chapter 450 states, in pertinent part, that “drowning is the second leading cause of unintentional injury-related deaths in children between the ages of one and fourteen nation wide, and the third leading cause of injury-related deaths of children in New York. . . . (T)echnological advances have produced several different types of pool alarms designed to sound a warning if a child falls into the water. When used in conjunction with access barriers, these alarms provide greater protection against accidental pool drownings.” This section and section 1221.3 of Part 1221 of this Title are intended to implement the provisions of Executive Law section 378(14)(b).

**(b) Definitions.** The terms “approved,” “commercial swimming pool,” “residential swimming pool,” “swimming pool,” “substantial damage,” and “substantial modification” shall, for the purposes of this section, have the meanings ascribed in subdivision (b) of section 1221.3 of Part 1221 of this Title.

**(c) Pool alarms.** Each residential swimming pool installed, constructed or substantially modified after December 14, 2006 and each commercial swimming pool installed, constructed or substantially modified after December 14, 2006 shall be equipped with an approved pool alarm which:

(1) is capable of detecting a child entering the water and giving an audible alarm when it detects a child entering the water;

(2) is audible poolside and at another location on the premises where the swimming pool is located;

(3) is installed, used and maintained in accordance with the manufacturer's instructions;

(4) is classified by Underwriter's Laboratory, Inc. (or other approved independent testing laboratory) to reference standard ASTM F2208, entitled "Standard Specification for Pool Alarms," as adopted in 2002 and editorially corrected in June 2005, published by ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428; and

(5) is not an alarm device which is located on person(s) or which is dependent on device(s) located on person(s) for its proper operation.

**(d) Multiple pool alarms.** A pool alarm installed pursuant to subdivision (c) of this section must be capable of detecting entry into the water at any point on the surface of the swimming pool. If necessary to provide detection capability at every point on the surface of the swimming pool, more than one pool alarm shall be installed.



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**Poolguard Alarms:**

- [Inground Pool Alarm](#)
- [Above Ground Pool Alarm](#)
- [Gate Alarm](#)

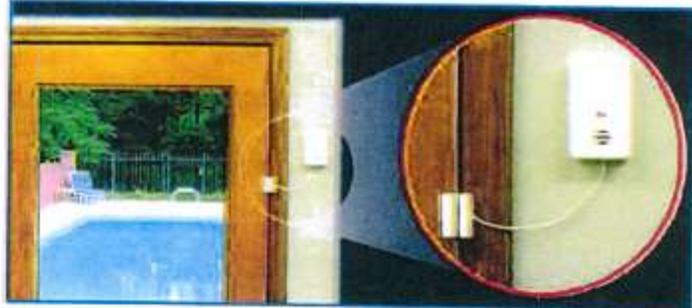
**Door Alarms - *NEW***

- [Door Alarm - DAPT-2](#)  
(Sounds in 7 seconds)
- [Door Alarm - DAPT-WT](#)  
(Sounds immediately)

**Other Information:**

- [Contact Us](#)
- [Buy Poolguard](#)
- [Product Manuals](#)
- [News From Poolguard](#)
- [Warranty Registration](#)

**DOOR ALARM - Model DAPT-2**

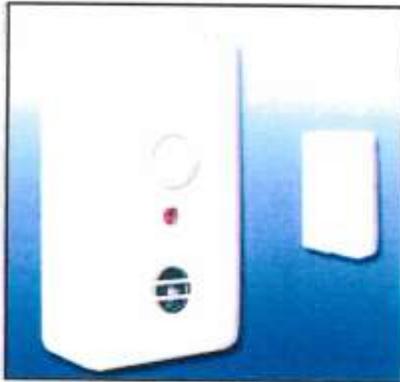


POOLGUARD/PBM INDUSTRIES, INC. has been manufacturing pool alarms, door alarms, and gate alarms since 1982. All Poolguard products are proudly Made in the USA. Poolguard Door Alarms comply with all building codes and are UL Listed under UL 2017. The majority of children that drown in pools go out the back door first and Poolguard's Door Alarm can help protect those doors.

- UL Listed to UL 2017
- Important Safety Feature
- Complies With Building Codes
- Simple To Operate
- Automatic Reset
- Battery Powered
- Easy To Install
- 85 dB Horn At 10 Feet
- Pass Through Feature For Adults
- Low Battery Indicator

**POOLGUARD DOOR ALARM**  
1 Year Warranty

SAMPLE



- The Door Alarm will sound in 7 seconds when a child opens the door, and the alarm will continue to sound until an adult comes to the door and resets the alarm.
- Poolguard Door Alarm will sound in 7 seconds even if a child goes through the door and closes it behind them.
- The Door Alarm is always on and will automatically reset under all conditions.
- Poolguard Door Alarm is equipped with an adult pass through feature that will allow adults to go through the door without the alarm sounding.
- Optional screen door kits can be purchased for the alarm, this kit allows you to get air through your screen door without the alarm sounding.
- Poolguard Door Alarm uses one 9-volt battery, (not included) with a battery life of approximately 1 year.
- The Door Alarm is equipped with a low battery indicator that will audibly alert you when your battery is getting low.
- Poolguard is the only door alarm that is UL listed under UL 2017 for water hazard entrance alarm equipment.

[Door Alarm PDF manual](#)

All Products Proudly



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**800-242-7163**

# SAMPLE



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**Other Information:**

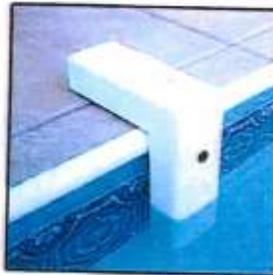
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**INGROUND POOL ALARM - MODEL PGRM-2**

**NSF** "NSF Certified to ASTM F 2208-08"



- Detects Intruders
- Sits on Deck
- Battery Powered
- Low Battery Indicator
- New Sensing Technology
- Easy to Use
- Completely Portable
- Automatic Reset
- Affordable Price
- Important Safety Feature
- In House Remote Receiver
- Horns are 85 dB at 10 feet



POOLGUARD/PBM INDUSTRIES, INC. has been manufacturing pool alarms, door alarms, and gate alarms since 1982. All Poolguard products are proudly Made in the USA. Poolguard Pool Alarms were tested and "Top Rated" by Good Housekeeping Magazine. Poolguard Pool Alarms have been Tested and Certified by NSF International to the ASTM Standard Safety Specification for Residential Pool Alarms, ASTM F 2208-08.

**POOLGUARD IN GROUND POOL ALARM**  
NSF CERTIFIED TO ASTM F 2208-08  
NEW Weatherproof Design  
NEW Sensing Technology  
NEW Microprocessor Technology  
3 Year Warranty

# SAMPLE

The Poolguard POOL ALARM, once installed in the pool, cannot be deactivated; it is always in the alarm ready mode.  
Tamper Proof: Poolguard POOL ALARM will sound an alarm when removed from the pool.

<http://www.poolguard.com/inground.asp>

**3109.4.1.5 Chain link dimensions.** Maximum mesh size for chain link fences shall be a 2.25 inch square (57 mm square) unless the fence is provided with slots fastened at the top or the bottom which reduce the openings to no more than 1.75 inches (44 mm).

❖ The 2 1/4-inch (57 mm) dimension is intended to reduce the potential to gain a foothold (see Figure 3109.4.1.6). The opening is permitted to be increased to 1 3/4 inches (44 mm) if decorative slats are used because the potential to obtain a foothold or handhold is reduced when such slats are installed.

