

ETL Listed Pool Access Alarm

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PAA 

- ◆ ETL tested to be in compliance with standard safety, UL 2017, and Florida Building Commission Code requirements, per ETL listing number 3035022
- ◆ Exceeds operational requirements of model barrier codes
 - ◆ Microprocessor controlled
 - ◆ Monitors entry to pool and spa areas
- ◆ Options set by jumpers include closed or open loop, instant on or 7 second delay alarm, and 15 or 7 second adult shunt
 - ◆ Child resistant button guard built in
 - ◆ Surface or flush mount models
 - ◆ Capable of 2 year life with lithium battery
- ◆ May be hard wired to remote 12 Volt 500 mA power source, applied voltage must not exceed 15 VDC

The new GRI Pool Access Alarm was designed as an aid in the prevention of unattended access to a pool/spa area by a small child. Monitoring all doors or windows with closed loop or open loop magnetic reed switches, the Pool Access Alarm will sound an alarm should anyone too small to manage the adult pass through feature attempt access to the pool/spa area. For maximum protection all movable openings should be protected in such a manner by the GRI Pool Access Alarm.

The PAA can be operated with an on-board 9 volt lithium battery or with a 12 volt externally supplied DC power source, in which case the battery will perform a back-up function should the externally supplied source fail for any reason. Both power sources have been designed to maintain a minimum sound pressure level of 85db at 10'. Should the battery voltage drop below 8.3 Volts, a low battery mode will be initiated and the unit will beep approximately every 50 seconds. Battery must be replaced at this time.

It is suggested that some type of surge protection, such as the GRI CS-1 Current Sensor, be used between the power supply and the PAA.

Note: Unit will function at a minimum 5VDC at a very limited sounder volume. This power level is considered total battery failure.

WARNING: THIS IS NOT A LIFE SAVING DEVICE.

WARRANTY: One year limited warranty against workmanship, material and factory defects.

GEORGE RISK INDUSTRIES, INC.
G.R.I. PLAZA
KIMBALL, NE 69145
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Made in U.S.A.

C_PA 2 Pool Access Alarm PAA



PAA



PAA-S

Part Numbers

PAA Recessed Pool Access Alarm
PAA-S Surface Mount Pool Access Alarm

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INSTALLATION:

The GRI Pool Access Alarm mounts easily to the wall by any door which allows access to the pool/spa area. Using a magnetic reed switch, the unit will detect and announce an open access by sounding a loud continuous alarm. Two timed options are offered: a maximum seven (7) second delay mode prior to sounding upon door opening, or an instant alarm sounding upon activation. **A surface mount and a recessed mount model are offered in both time options for a total of 4 different versions.** All versions

incorporate a built-in pass through feature and deactivation button to allow adult access without alarm sounding. Although the Pool Access Alarm cannot be turned off, this feature will simply deactivate the alarm function for a maximum of fifteen (15) seconds. During this time span the adult must exit and close the door before the alarm sounds. Once the alarm is sounding, it can not be silenced by simply closing the door. The deactivation button must also be depressed. The sounder cannot be disabled by holding down the deactivation button.

If a screen is present on the opening giving access to the pool, a second magnetic reed switch should be mounted on it and both switches wired in parallel or series depending upon the magnetic reed switches. This configuration will allow the door to be open for ventilation since the unit will activate only when both the screen and the door or window are opened.

If multiple openings lead to the area, the GRI Pool Access Alarm can monitor all by installing closed loop switches which are wired in series or open loop switches in parallel. In this way, any opening will be detected by the GRI Pool Access Alarm. A single deactivation button can also be wired at each opening to utilize the pass through feature. Additional remote sounders may be wired in to extend sounder coverage. Please contact your local GRI Distributer for information on remote options. Part numbers and wiring diagrams are available from the factory.

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