



New Law Could Impact You!

Dear Pool Professional,

Two very important events have occurred in the last several months that will significantly change the suction entrapment environment and the products that pool and spa industry professionals will be seeking.

First, the **Virginia Graeme Baker Pool and Spa Safety Act passed the House and Senate and was signed into law.** This law requires all public pools that have a single drain to have a Safety Vacuum Release System (SVRS) that conforms to ASME/ANSI A112.19.17 or ASTM standard F2387. The law will also provide states with incentives to enact laws requiring SVRS's on all residential pools with a single main drain. Clearly, this will drive significant demand for approved SVRS devices.

Second, **A. O. Smith created Guardian® with eMod® electronics, which is listed to the ASME A112.19.17 SVRS standard for suction lift applications.** The A. O. Smith Guardian is an electrical type SVRS, meaning it releases the entrapment victim by sensing the entrapment condition and shutting off the motor. A. O. Smith is very proud to offer this SVRS to our distribution pump customers.

The advantages of using an A. O. Smith Guardian motor equipped with an eMod SVRS include:

- **Safety:** The Guardian device is completely integrated into the motor circuit. If it is turned off for any reason, the motor is turned off so there is no suction hazard. There are no external parts or connections to the plumbing or electrical system.
- **Simplicity:** Guardian automatically calibrates to the pool system upon initial start up. Installation is no more complicated than installing a new motor. Re-calibration and temporary function over-ride, if necessary, can be accomplished with the push of a button.
- **Value:** The A. O. Smith Guardian is the best SVRS value on the market, especially considering a pool owner gets a brand new A. O. Smith motor with all of our latest features included for less than most other stand alone SVRS devices.
- **Broad application:** Guardian works in suction lift applications. The latest software version also dramatically reduces the potential for nuisance trips associated with in-floor cleaners and suction-side cleaners by recognizing the difference between these types of pressure changes and an actual entrapment incident.
- **Added benefits:** Guardian also protects the pump system from conditions such as dry running, blockages and over or under voltage, prolonging the life of the pump system.
- **Other entrapment protection:** Guardian also works well in conjunction with a vent pipe system by shutting off the motor after venting occurs. It can facilitate the use of no main drain as entrapment protection by shutting off the pump if the water level drops below the skimmer level, and it will work in a two drain system in the unlikely event that one drain is blocked.

These two events combine to mean that pool and spa professionals can simply install an A. O. Smith Guardian® motor equipped with an eMod®SVRS and have confidence that they are compliant with the federal law and that they are providing a significant and responsible level of full-body entrapment protection to their customers.

For more information about the Pool and Spa Safety Act or the A. O. Smith Guardian, please visit our web site at www.aosmithmotors.com

Customer Service at (866) 887-5216 - Fax (800) 468-2062.



AO Smith
Innovation has a name.

⚠ WARNING SVRS does NOT protect against the four other types of entrapment: hair entanglement, mechanical entrapment, limb entrapment, evisceration/disembowelment.

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