

## COMPARISON OF FEDERAL POOL AND SPA SAFETY ACT 2007\*, ANSI/APSP-7 AND ICC CODES

Federal Pool & Spa Safety Act of 2007 *	ANSI/APSP-7 <sup>1</sup>	2006 ICC International Building & Residential Codes
<b>1404 (b)</b> FEDERAL ACT <sup>2</sup> Requires that <b>all</b> drain (suction outlet) covers be tested and certified to ASME/ANSI A112.19.8-2007	<b>Yes</b> Section 4.5	<b>No</b> Section 3109.5.1 Exempts drains 12 x 12 or larger Exempts channel drains References
<b>1404(b)</b> FEDERAL ACT Requires future covers to comply with "any successor standard" or version of 19.8	<b>Yes</b> Section 4.5	<b>No</b> Section Referenced Standards ASME/ANSI A112.19.8M -1987 (R1996) edition only
<b>1404 (c)(1)(A)(i)</b> FEDERAL ACT Requires ASME/ANSI certified covers on all drains regardless of size in <b>public</b> pools and spas	<b>Yes</b> Section 1.1 Section 4.5	<b>No</b> Section 3109.5.1 Exempts drains 12 x 12 or larger Exempts channel drains
<b>1404 (c)(1)(A)(ii)(V)</b> FEDERAL ACT Specifically allows for the disablement of drain(s) thus creating a drainless pool and eliminating the potential entrapment hazard	<b>Yes</b> Section 6.3 Section 5.2	<b>No</b> Section 3109.5 Does not clearly allow for pools without drains and has been interpreted by some government and code officials as requiring drains.

<p><b>1404 (c)(1)(A)(ii)</b> FEDERAL ACT</p> <p><b>Public</b> pools and spas with a single drain that is not unblockable to have added protection</p>	<p><b>Yes</b> Section 1.1 Section 6.3 Note: single blockable drain prohibited in new construction</p>	<p><b>Yes</b> Section 3109.5.2</p>
<p><b>1404 (c)(1)(A)(ii) (I-VI)</b> FEDERAL ACT</p> <p>Allows all options recognized in ASME/ANSI A112.19.17 to protect single drain installations in <b>public</b> pools and spas</p>	<p><b>Yes</b> Section 7</p>	<p><b>No</b> Section 3109.5.2</p> <p>Prescriptive language requires “atmospheric vacuum relief” eliminating reversing circulation flow inconsistent with ASME Section 1.4 <i>Safety Vacuum Release System</i></p>
<p><b>1404 (c)(1)(A)(ii) (I-VI)</b> FEDERAL ACT</p> <p>Allows all devices that comply with ASTM F2387 to protect single drain installations in <b>public</b> pools and spas</p>	<p><b>Yes</b> Section 7.1</p>	<p><b>No</b> Section 3109.5.2 Sub 1.</p> <p>Referenced Standards (ASTM) pages 559-565, 2006 IBC does not include ASTM F2387</p>
<p><b>1404 (c)(1)(A)(ii)</b> FEDERAL ACT</p> <p>Recognizes that Safety Vacuum release System (SVRS) or other devices are not required on <b>public</b> pools or spas with multiple drains or an unblockable drain</p>	<p><b>Yes</b> Section 5.5.2</p>	<p><b>No</b> Section 3109.5.2</p>
<p><b>1406(a)(1)(A)(iii)</b> STATE VOLUNTARY GRANT PROGRAM<sup>3</sup></p> <p>Applies to <b>residential</b> pools and spas only if participating states have enacted minimum state laws called for by CPSC</p> <p>Expressly permits pools without any main drains</p>	<p><b>Yes</b> Section 5.2</p>	<p><b>Unclear</b> Section 3109.5</p> <p>“Suction outlets shall be designed to product circulation throughout the pool or spa.”</p>

<p><b>1406(a)(1)(A)(iii)</b> STATE VOLUNTARY GRANT PROGRAM New construction to have multiple drains, unblockable drain or no drain</p>	<p><b>Yes</b> Section 5</p>	<p><b>Unclear</b> Section 3109.5</p>
<p><b>1406(a)(1)(A)(iv)</b> STATE VOLUNTARY <u>GRANT PROGRAM</u> Requires ASME/ANSI certified covers on all drains that are not unblockable</p>	<p><b>Yes</b> Section 4.5  Note: requires certified covers on all drains.</p>	<p><b>No</b> Section AG106.2  Exempts channel drains and drains 18 x 23 or larger, some of which may not be unblockable</p>
<p><b>1406(a)(1)(A)(iv)</b> STATE VOLUNTARY <u>GRANT PROGRAM</u> Requires such covers to comply with “any successor standard” or version of ASME/ANSI A112.19.8</p>	<p><b>Yes</b> Section 4.5</p>	<p><b>No</b> Section AG108 Standards</p>
<p><b>1406(d)(1)(A-F)</b> STATE VOLUNTARY <u>GRANT PROGRAM</u> Existing pools with single drain that is not unblockable to have added protection</p>	<p><b>Yes</b> Section 6.3</p>	<p><b>Yes</b> Section AG106.3</p>
<p><b>1406(d)(1)(A-F)</b> STATE VOLUNTARY <u>GRANT PROGRAM</u> Allows all options recognized in ASME/ANSI A112.19.17 to protect single drain installations in residential pools and spas</p>	<p><b>Yes</b> Section 7</p>	<p><b>No</b> Section AG106.3  Prescriptive language requires “atmospheric vacuum relief” eliminating reversing circulation flow inconsistent with ASME Section 1.4 <i>Safety Vacuum Release System</i></p>

<p><b>1406(d)(1)(A-F))</b>  <b>STATE VOLUNTARY <u>GRANT</u></b>  <b>PROGRAM</b>  Allows all devices that comply with ASTM F2387 to protect single drain installations in residential pools and spas</p>	<p><b>Yes</b>  Section 7.1</p>	<p><b>No</b>  Section AG106.3 Sub 1.    Section AG108 Standards: ASTM F2387 not included</p>
<p><b>1406(d)(1)(A-F))</b>  <b>STATE VOLUNTARY <u>GRANT</u></b>  <b>PROGRAM</b>  Recognizes that SVRS or other devices are not required on pools or spas with multiple drains or an unblockable drain in residential pools</p>	<p><b>Yes</b>  Section 5.5.2</p>	<p><b>No</b>  Section AG3109.5.2</p>

<sup>1</sup> ANSI/APSP-7 2006 Standard for Suction Entrapment Avoidance in Swimming Pools, wading Pools, Spas, hot Tubs and Catch Basins.

<sup>2</sup> Federal Act refers to section 1404, which creates a Federal Swimming Pool and Spa Drain Cover Standard, and requires that public pools be equipped with certain devices.

\* The Federal Pool and Spa safety Act also known as the Virginia Graeme Baker Pool & Spa Safety Act

<sup>3</sup> Refers to section 1406, which creates a Federal “State Grant Program”. To be eligible for a grant, a state must pass legislation which meets or exceeds the “minimum State law requirements” as defined in the Act.