

AQUASTAR POOL PRODUCTS certifies that all drain covers and their associated components meet or exceed the requirements of Section 1404 of the Virginia Graeme Baker Act Pool & Spa Safety Act, ANSI/APSP 16-2011, VGB 2008 and ASME/ANSI A112.19.8-2007 standards and safety regulations as set forth by the Consumer Products Safety Commission (CPSC). For more information about the VGB Pool & Spa Safety Act, visit PoolSafely.gov, provided by the U.S. Consumer Product Safety Commission.

VGB UNBLOCKABLE DRAINS The CPSC defines VGB unblockable drains such that the perforated (open) area and the opening below the cover/grate (manufactured and field-built sumps) cannot be shadowed by the area of the 18" x 23" body blocking element of the drain cover standard.

SINGLE-UNBLOCKABLE DRAINS Only one VGB unblockable drain is required to comply with the VGB Pool & Spa Safety Act, the Model Aquatic Health Code (MAHC), International Swimming Pool and Spa Code (ISPSC), ANSI/APSP-1 public pool standard, ANSI/APSP-5 residential pool standard, and ANSI/APSP 7 (2006 & 2013), **provided** the flow rating engraved on the cover equals or exceeds the maximum flow rate of the specific system.

SYSTEM FLOW RATINGS When using one unblockable drain, the maximum system flow rating is the rating engraved on the cover/grate. When using two or more unblockable drains the system flow rating is the sum of the flow rating engraved on the cover/grates. Note: some cover/grates have two different flow ratings, one for floor and another for wall installations.

AQUASTAR UNBLOCKABLE DRAINS include, but are not limited to, the 20" Full Circle, 32" channel drains, and the 24" x 24" VGB anti-entrapment suction outlet covers.

NEW CONSTRUCTION & RENOVATIONS When using blockable drains (18" x 18" or smaller) the VGB Act, MAHC, ISPSC, ANSI/APSP-1, ANSI/APSP-5, and ANSI/APSP-7 requires new pools and spas to include at least two drains separated by 3 feet measured center to center, or they may be on separate planes, such as one on the floor and one on the wall.

EXISTING POOLS When replacing existing single-blockable drains (18" x 18" or smaller) the MAHC, ISPSC, ANSI/APSP-1, ANSI/APSP-5, and ANSI/APSP-7 require the use of a "secondary anti-entrapment system" as defined by the VGB Act, Section 1404(c) (1) (A) (ii). Alternatively, single-blockable drain pools can be converted to single-unblockable drain pools, dual-drain pools, or overflow pools. Refer to the applicable code for more information.

SYSTEM FLOW RATINGS When using two or more blockable drains, the maximum system flow rating is calculated by subtracting the flow rating of one cover/grate from the sum of the others. In other words, assume one cover is blocked and then add up the flow rating of the rest.

