



Hayward covers safety
with variety and style.

Pumps

Filters

Heaters

Safety

Cleaners

Lighting

Controls

Electronic Chlorine
Generators

Total System



Hayward covers safety with variety and style. Safety suction outlets meet all federal requirements.

For concrete or vinyl/fiberglass pools, Hayward industry approved suction outlets and covers are available in a wide range of styles, sizes and colors to satisfy any installation requirement. Whether you install frame and covers, for residential or commercial pools, or sump-type drains, Hayward suction outlets set the standard in quality and value

Legislation leads to performance enhancements:

Two major changes in the pool industry address the enhanced performance requirements for pool safety.

(1) The American Society of Mechanical Engineers (ASME) has released ASME/ANSI A112.19.8 – 2007 *Suction Fittings for Use in Swimming Pools, Wading Pools, Spas and Hot Tubs*. The revisions for this standard include testing of outlet covers to prevent hair entanglement, body entrapment, and finger entrapment as well as improved Ultra Violet (UV) stability of outlet covers.

(2) The Virginia Graeme Baker Pool and Spa Safety act promotes the safe use of pools, spas and hot tubs by imposing mandatory federal requirements for suction entrapment avoidance.

What do the mandatory federal requirements mean?

Specifically, the mandatory federal requirements are as follows:

Each swimming pool or spa drain cover manufactured, distributed or entered into commerce in the United States shall conform to the ASME/ANSI A112.19.8 – 2007 *Suction Fittings for Use in Swimming Pools, Wading Pools, Spas and Hot Tubs* published by ASME. Compliance with this standard will be enforced by the CPSC as a consumer product safety rule.

Hayward WG Series Suction Outlet products comply with provisions of the ASME/ANSI A112.19.8 – 2007 standard and the Virginia Graeme Baker Pool and Spa Safety Act.

It is important to determine if a drain cover is compliant with the requirements.

Hayward drain covers compliant with the new standard have ASME/ANSI and VGB embossment on each drain cover to indicate it is compliant.

Warning:

Failure to follow instructions can cause severe injury and/or death.

- A minimum of two functioning suction outlets per pump must be installed. Suction outlets in the same plane (i.e. floor or wall), must be installed a minimum of three feet (3') [1 meter] apart, as measured from pipe center to pipe center.
- Dual suction fittings shall be placed in such locations and distances to avoid "dual blockage" by a user.
- Dual suction fittings shall not be located on seating areas or on the backrest for such seating areas.
- The maximum system flow rate shall not exceed the flow rating of any listed (per ASME/ANSI A112.19.8 – 2007) suction outlet cover installed.
- Never use pool or spa if any suction outlet component is damaged, broken, cracked, missing or not securely attached.
- Replace damaged, broken, cracked, missing or not securely attached suction outlet components immediately.
- In addition, two or more suction outlets per pump installed in accordance with latest APSP, IAF Standards and CPSC guidelines, follow all national, state and local codes applicable.

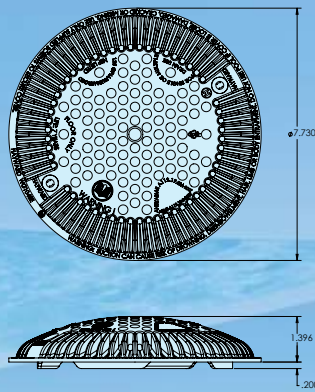
NOTE: See "Guidelines for Addressing Entrapment Hazards with Pools and Spas," U.S. Consumer Product Safety Commission, Publication #363-009081, (301) 504-0400 or www.cpsc.gov/cpscpub/pubs/363.pdf.

- * For additional information on the Virginia Graeme Baker Pool and Spa Safety Act and the Stratum® VRS, an additional layer of protection, go to www.haywardnet.com and click on Safety Products.

Frames & Covers

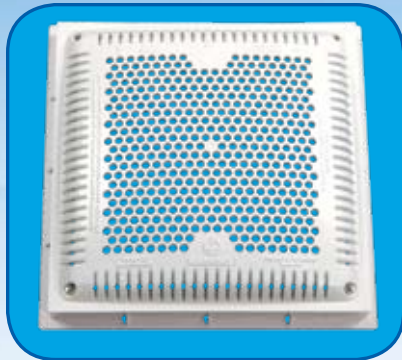


Open Area – 8.1 sq. in.

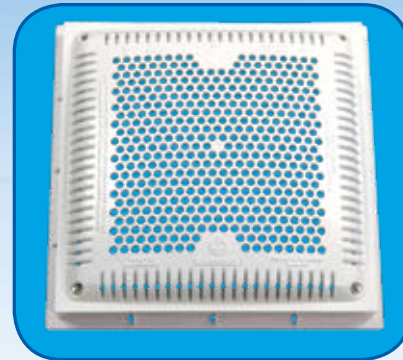
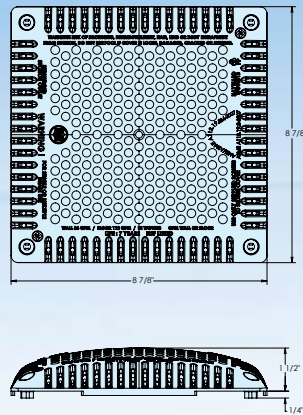


Model Number	Size	Description	Rated Flow GPM
WG1030AVPAK2	8" Dia	2 Pak Frame & Cover White	125
WG1030AVBPAK2	8" Dia	2 Pak Frame & Cover Black	125
WG1030AVGRPAK2	8" Dia	2 Pak Frame & Cover Gray	125
WGX1048E1	8" Dia	Replacement Machined Cover & Screws	125
WG1048EW	8" Dia	Replacement Wall (Vertical) Cover & Screws	72
WGX1048E*	8" Dia	Replacement Floor (Horizontal) Cover & Screws	125
WG1048EKIT	—	Brass Insert and Screw Kit available for all frames and covers	—

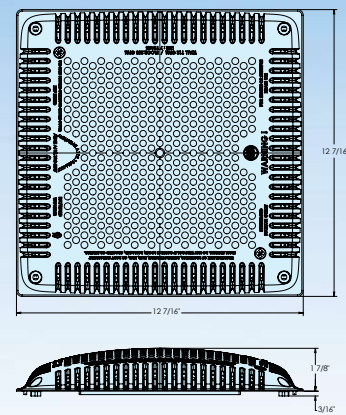
*Add BLK for Black or GR for Gray color.



Open Area – 17.81 sq. in.

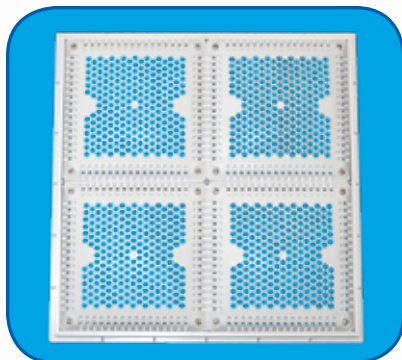


Open Area – 32.37 sq. in.

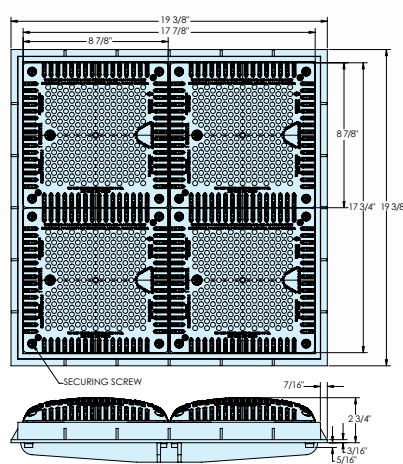


Model Number	Size	Description	Flow Rate GPM	WALL (VERTICAL) FLOW RATE GPM
WGX1031B	9 x 9	Replacement Cover & Inner Frame	112	83
WG1048EKIT	—	Brass Insert and Screw Kit available for all frames and covers.	—	—

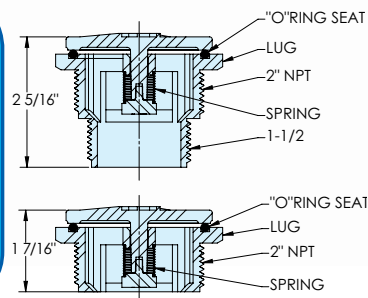
Model Number	Size	Description	Flow Rate GPM	WALL (VERTICAL) FLOW RATE GPM
WG1032PAK2	12 x 12	Cover, Inner & Outer Frame	256	112
WGX1032B	12 x 12	Replacement Cover & Inner Frame	256	112
WG1048EKIT	—	Brass Insert and Screw Kit available for all frames & covers	—	—



Open Area – 71.25 sq. in.



Hydrostatic Relief Valve



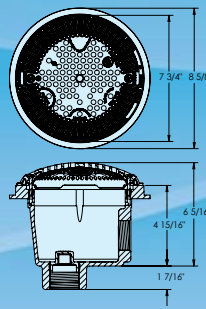
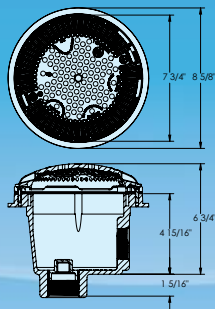
Model Number	Size	Description	Flow Rate GPM
WG1033PAK2	18 x 18	Cover, Inner & Outer Frame	560
WGX1033B	18 x 18	Replacement kit includes covers and inner frames	560
WG1048EKIT	—	Brass Insert and Screw Kit available for all frames and covers	—

Model Number	Size	Description
SP1056	1 1/2", 2"	Spring Loaded

Suction Outlets



Open Area – 8.1 sq. in.



Open Area – 7 sq. in.

Model Number	Size	Description
WG1048AVPAK2	1 1/2"	Dual Sumps with covers, for Vinyl, or fiberglass
WG1049AVPAK2	2"	

*Standard screws are 3/16" max, wall thickness

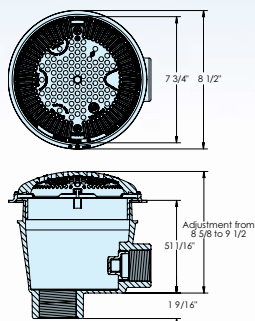
Model Number	Side	Bottom	Description
WG1051AVPAK2	1 1/2"	1 1/2"	Dual Sumps with covers, for Concrete
WG1052AVPAK2	2"	1 1/2"	
WG1053AVPAK2	1 1/2"	2"	Dual Sumps with covers, for Concrete
WG1054AVPAK2	2"	2"	
WB1051X			Adjustable Collar for Plaster Concrete

*Standard screws are 3/16" max, wall thickness

Deluxe Suction Outlets



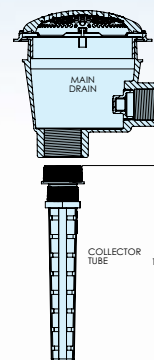
Open Area – 7 sq. in.



Model Number	Side	Bottom	Description
WG1153AVPAK2	1 1/2"	2"	Dual sumps with covers, for Concrete
WG1154AVPAK2	2"	2"	

Standard screws are 3/16" max, wall thickness

Main Drain Collector Tube



Model Number	Size	Description
SP1055	1 1/2", 2"	12" long collector tube

Stratum™ Vacuum Release System



Public pools must be in compliance with the Virginia Graeme Baker Pool & Spa Safety Act.

The Hayward Stratum VRS is the only SVRS to both vent the pump suction line to atmosphere and turn off power to the pump motor.

Stratum VRS Features:

- Automatic restart in protection mode eliminates nuisance tripping
- Complete functional system check
- Directly monitors and reacts to change in suction outlet systems
- Meets or exceeds all relevant ASME/ANSI performance standards
- Installs in as little as one hour