12" SQUARE WAVE ANTI-ENTRAPMENT SUCTION OUTLET COVER, VENTED RISER RING AND MUD FRAME

AquaStar®
pool products

VGB CERTIFIED **SPECIFICATIONS**	**Floor Flow Rating** 361 GPM at 1.3 fps	**Wall Flow Rating** 361 GPM at 1.3 fps	**Sump Depth** 3" minimum	**Open Area** 90.8 in²

FEATURES

All components meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Easily and safely retrofits to 12" square ¾" deep frames

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

Trademarked VGB compliance button easily identifies VGB 2008 compliant cover from on deck and underwater
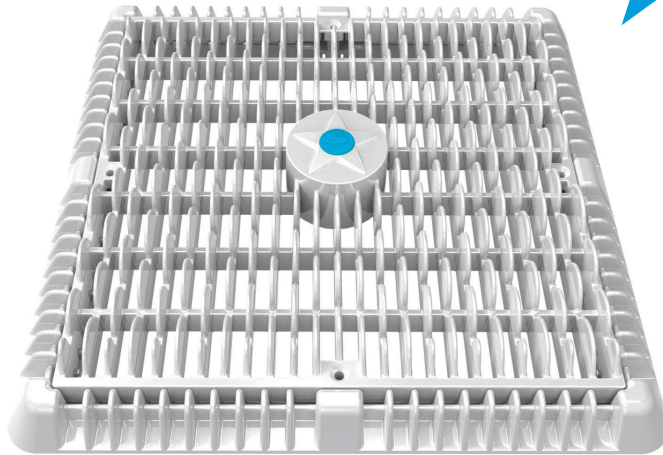
Online product support including downloadable CAD files, General Certificate of Conformity, third-party certificate, installation instructions and more

Replace drain cover every five years from the date of installation

See next page for additional product configurations

8 per case
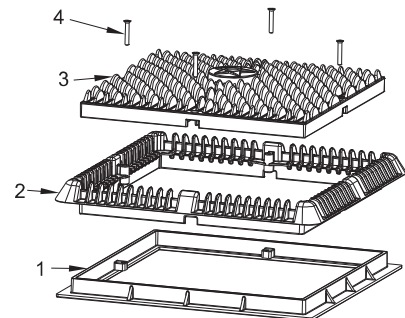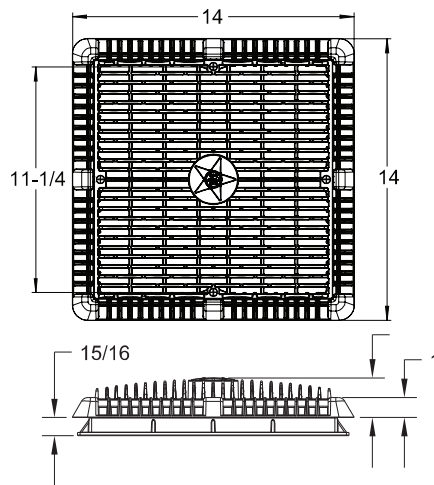
U.S. patents D623727 and D663388

Part # WAV12WRxxx

Fits: AquaStar standard 12" models and American (Pentair) with ¾" deep existing frames and four screw hole pattern.

STANDARD COLORS

WAV12WR101 – White
WAV12WR102 – Black
WAV12WR103 – Light Gray
WAV12WR104 – Blue
WAV12WR105 – Dark Gray
WAV12WR108 – Tan

Replaces p/n 12xxx, P12xxx, SRFS12xxx, SUN12xxx, SUN12WRxxx, WAV12xxx, 12MFxxx

VGB 2008 Compliant

14
11-1/4
14
15/16
1

1. 12" Square Mud Frame
2. 12" Square Vented Riser Ring
3. 12" Square "Wave" Suction Outlet
4. 10 x 1-3/4" Flat Head Phillips, 316 SS, Qty 4

12" SQUARE WAVE ANTI-ENTRAPMENT SUCTION OUTLET COVER WITH 3" SOCKET SUMP

AquaStar®
pool products

VGB CERTIFIED **SPECIFICATIONS**	**Floor Flow Rating** 361 GPM at 1.3 fps	**Wall Flow Rating** 361 GPM at 1.3 fps	**Sump Depth** *Use sump included*	**Open Area** 90.8 in²

FEATURES

All components meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Sump manufactured from strong PVC sump with 3" socket and 4" spigot side port, and 2" socket 2½" spigot bottom port

Drain cover manufactured from superior UV-resistant engineered polymers

Comes with 3" and 2" NPT cap with o-ring for pressure testing and winterizing

#316 stainless steel screws

Trademarked VGB compliance button easily identifies VGB 2008 compliant cover from on deck and underwater

Online product support including downloadable CAD files, General Certificate of Conformity, third-party certificate, installation instructions and more

Replace drain cover every five years from the date of installation

1 per case

U.S. patents D623727 and D663388

NEW Hassle-free pressure testing and winterizing

Part # WAV12WRxxxSSB
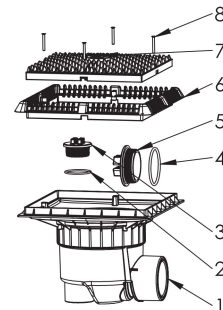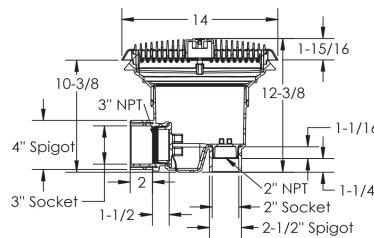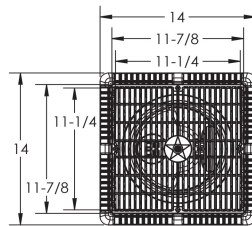
Optional 2" hydrostatic relief valve available p/n SK43101

Hassle-free pressure testing and winterizing
Comes with a 3" and 2" NPT cap with O-ring. *No knock-outs required.*

STANDARD COLORS

- WAV12WR101SSB – White
- WAV12WR102SSB – Black
- WAV12WR103SSB – Light Gray
- WAV12WR104SSB – Blue
- WAV12WR105SSB – Dark Gray
- WAV12WR108SSB – Tan

VGB 2008 Compliant

14
11-7/8
11-1/4
11-1/4
14
11-7/8

14
1-15/16
10-3/8
12-3/8
3" NPT
1-1/16
4" Spigot
2
3" Socket
2" NPT
1-1/4
1-1/2
2" Socket
2-1/2" Spigot

1. Side Port Sump Bucket, 12" Square Frame
2. 2" Plug O-Ring
3. 2" NPT Plug
4. 3" Plug O-Ring
5. 3" NPT Plug
6. 12" Square Riser Ring
7. 12" Squre "Wave" Suction Outlet Cover
8. 10 x 13/4" Flat Head Phillips, 316 SS, Qty 4

12" SQUARE WAVE ANTI-ENTRAPMENT SUCTION OUTLET COVER, VENTED RISER RING AND MUD FRAME

AquaStar®
pool products

VGB CERTIFIED SPECIFICATIONS	Floor Flow Rating	Wall Flow Rating	Sump Depth	Open Area
	361 GPM at 1.3 fps	361 GPM at 1.3 fps	3" minimum	90.8 in^2

FEATURES

All components meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Manufactured from superior UV-resistant engineered polymers

No transitional glue required

Comes with 6" tapered threaed pipe plug for easy pressure testing and winterization

#316 stainless steel screws

Online product support including downloadable CAD files, General Certificate of Conformity, third-party certificate, installation instructions and more

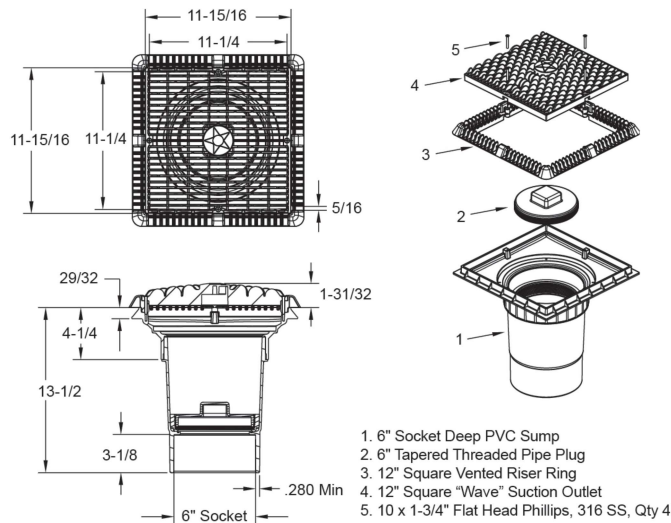Replace drain cover every five years from the date of installation

1 per case

Part # WAV12WRxxxF

STANDARD COLORS

- WAV12WR101F – White
- WAV12WR102F – Black
- WAV12WR103F – Light Gray
- WAV12WR104F – Blue
- WAV12WR105F – Dark Gray
- WAV12WR108F – Tan

VGB 2008 Compliant

Dimensions:
11-15/16
11-1/4
11-15/16
11-1/4
5/16
29/32
1-31/32
4-1/4
13-1/2
3-1/8
.280 Min
6" Socket

1. 6" Socket Deep PVC Sump
2. 6" Tapered Threaded Pipe Plug
3. 12" Square Vented Riser Ring
4. 12" Square "Wave" Suction Outlet
5. 10 x 1-3/4" Flat Head Phillips, 316 SS, Qty 4