

# Installation and Warranty Manual: Drainsafe® DS 360 X and 9X9 Adapter Kit

Anti-Entrapment Type, Submerged Suction Outlet Type Cover

## Read these instructions in their entirety prior to starting installation

**Parts List:** Insure all parts are included in packaging prior to installation.

- Drainsafe® DS 360 X
- Drainsafe® 9X9 Adapter
- 2 – ¼ x 9 inch strips
- 3 page installation/warranty manual
- 4 – 316 Grade S/S Screws
- Suction Outlet Cover & Adapter Plate

### Important Information:

- Not to be sold or installed separately.
- Recommended for 9" x 9" single frame suction outlet application only.
- Drainsafe® DS 360 X is ANSI/ASME A112.19.8 (2007) and VGB 2008 Compliant.
- Do not exceed Drainsafe® DS 360 X Safe Flow Rate: 160 gallons per minute.
- Drainsafe® DS 360 X is for horizontal (Floor) mount only.
- Installation of the Drainsafe® DS 360 X should be performed by a licensed pool professional.

### Please Note The Following:

- ▶ Prior to using any aquatic facility, inspection of secured fasteners and or for damage or tampered with suction fittings is required.
- ▶ Install using supplied Stainless Steel screws or obtain 316 Grade Stainless Steel screws from a pool supply outlet.
- ▶ Do not over tighten screws, this may damage the Drainsafe® DS 9X9 adapter or cause the cover to sit on the pool drain sump in a warped manner. The Drainsafe® DS 360 X is to be mounted in a "flush fit", insuring no gaps at outer edges.
- ▶ Keep these instructions for future reference.
- ▶ Any and all broken or missing parts must be replaced prior to starting pool motor.
- ▶ Never operate pool without drain cover in place and properly affixed. Death or Serious Injury can result.
- ▶ Anti-Entrapment cover and adapter must be replaced every 3 years.

### Installation Tools Required:

Phillips head screw driver, awl, cordless drill or a Yankee type screwdriver, 1/16" drill bit, brush & dust pan.

### Important Note Prior to Installation:

1. Be certain pool pump motor is off and secured.
2. If possible, perform this operation in a dry environment.
3. Remove old drain cover (keep original screws as these will be used for reassembly).
4. Inspect existing pool sump for damaged screw inserts or debris in the openings. Clean all debris from screw insert openings. Replace original screws, if existing original screws are damaged, replace them with OEM screws.

**Do not allow children to play, sit, stand, swim or interact with submerged suction outlets and drains. Serious injury or death could result.**

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## Installation instructions: Pac-Fab/Pentair Frame

1. The “this side down” side of the Drainsafe® DS 9X9 that has cut-outs as to fit the Pentair 9X9 frame. The same side with the 3 holes drilled at each end and one hole on each side fits the Hayward style 9X9 frame (SPACER INSERTS INCLUDED).
2. Reuse the original OEM screws to reattach the Drainsafe® DS 9X9 adapter to the original frame. Be certain the holes are clean and free from debris prior to reinserting OEM screws.

NOTE: This Adapter is not to be used on a multiple framed 9X9 inch sumps.  
ie: 18X18 framed .

## Installation instructions: Hayward frame

NOTE: It is important to install the 1/4 inch spacer inserts on to the Hayward SP 1031 frame prior to the installation of the Drainsafe® DS 9X9 adapter.

1. With a dab of medium based PVC glue, place one 1/4” strip on the SP1031 frame (with holes aligned) and press into place. Be sure to install the Drainsafe® DS 9X9 with the 3 holed ends over the 2 pre-drilled holes in the SP1031 Frame.
2. If the existing frame holes are damaged due to overuse or incorrect mounting of previous covers, turn the Drainsafe® DS 9X9 90 degrees and pre-drill two new holes at each side and secure Drainsafe® DS 9X9 in new holes following 1/4” strip install above. (hole dimentions:1/16” diameter and 1/4” deep).

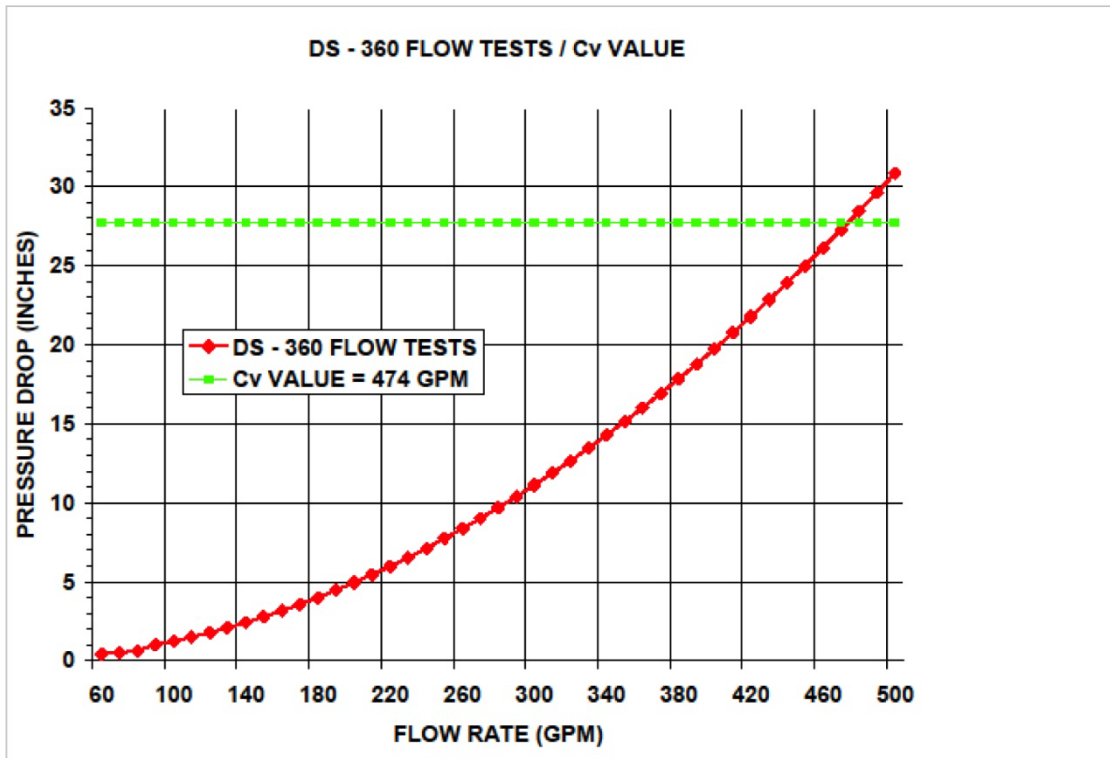
Do not drill hole depth or diameter.

- ▶ Upon final installation of Drainsafe® DS 9X9, be certain to confirm the adapter is fastened to the existing sump frame as well as, the sump frame is secured to the existing sump.
- ▶ If any parts of the Drainsafe® DS 9X9 or Drainsafe® DS 360 X are damaged, replace them immediately.
- ▶ Only use this product with the Drainsafe® DS 360 X Anti-Entrapment cover. Failure to do so will void the warranty and could cause injury or death.
- ▶ Only use supplied hardware 316 grade stainless steel screws.
- ▶ Do not over tighten screws as this may cause a crack or distortion in the Drainsafe® DS 9X9 or Drainsafe® DS 360 X part(s) and void the warranty. Failure to install the Drainsafe® DS 9X9 or the Drainsafe® DS 360 X properly could result in injury or death.
- ▶ Always install all proper hardware with this product.

NOTE: Whether your installing the Drainsafe® DS 9X9on an existing Pentair or Hayward frame, be certain the surrounding area is level and has no space between the outer edges of the Drainsafe® DS 360 X anti-entrapment cover and the pools liner or plaster. All surrounding areas must be smooth, level and flush to avoid an entrapment potential.

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**FIVE YEAR LIMITED WARRANTY: Model Drainsafe® DS 360 X**

This product is warranted to the original purchaser to be free from defects in material or workmanship. During the warranty period, under normal use the Drainsafe® DS 360 X will be replaced (proof of purchase required) upon our option providing the Drainsafe® DS 360 X was properly installed as per manufacturer's instructions. This warranty is void and shall not apply if the Drainsafe® DS 360 X has been altered or installed with other products outside of New Water Solutions, Inc. manufacturing. This product is warranted for a period of: 5 years from date of installation. Use supplied hardware or equivalent. New Water Solutions, Inc. will not be held liable or responsible for costs, damages, or loss resulting directly or indirectly from the use of this product: Drainsafe® DS 360 X based on warranty, contract negligence, or strict liability.

This part was installed on, \_\_\_\_\_ pool/spa.  
Location

Flow Rate of System: \_\_\_\_\_ G.P.M.

Date

Installer/Company

Drainsafe® DS 360 X Anti-Entrapment Type Submerged Suction Outlet Cover  
 Manufactured by: New Water Solutions, Inc. 4400 Charlotte Street Unit J, Lake Worth Fl. 33461

Any questions or suggestions:  
 Phone: 1-561-309-1333 Email: info@newwatersolutions.com

[www.drainsafe.com](http://www.drainsafe.com)

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