

# Drainsafe DS 360 or DS 360M

Anti-Entrapment Type, Submerged Suction Outlet Cover

Read these instructions in their entirety prior to starting installation

ANSI/ASME A112.19.8 (2007) Certified. Safe Flow Rate 123 (GPM) Gallons Per Minute

*For use with suction outlet sumps up to 8 inch in size*

**Note:** read all instructions prior to installation. It is recommended this product be used in conjunction with a ANSI/ASME A112.19.17 Certified (SVRS) Safety Vacuum Release System, properly installed by a licensed pool professional.

## Important Information:

- Do not exceed DS 360/360M Safe Flow Rate: 123 gallons per minute. Post safe flow rate in an obvious location in pump room.
- Acceptable connecting pipe sizes: up to 2.5”.
- Inspect this unit for proper attachment daily, inspect for fractured or damaged parts daily.
- Never operate any pool/spa facility if drain cover is damaged, cracked, fractured, loose or missing.
- Use supplied 316 Grade S/S (12 per kit) security screws to install this anti-entrapment type drain cover.
- Ensure existing sump screw attachment holes are clean and free of debris prior to attachment.
- Carefully tighten screws to secure cover. Do not over tighten screws. Damage to the DS 360/360M could result, causing serious injury or death. If the DS 360/360M is damaged, do not start pump(s) until a new DS 360/360M unit is properly reinstalled.
- After slowly tightening supplied screws, be certain DS 360/360M cannot be moved side to side or vertically/horizontally to ensure secure attachment. Do not over tighten screws.

**!!! Read these instructions in their entirety, prior to starting installation. Keep these instructions for future reference!!!**

- ▶ Attempt this operation in a dry environment.
- ▶ Do not install this product on seating or backrest of seating area.
- ▶ Do not place this product within three feet on the same suction line or mounting plane.
- ▶ If one suction outlet should become blocked, the remaining suction outlets shall be capable of handling the flow of the system.
- ▶ Be certain pool/spa pump(s) are secured.
- ▶ Use battery operated drill (if need be), or a Yankee type manual screw driver to predrill holes.
- ▶ Use supplied security tool and S/S 316 grade security screws.
- ▶ Do not increase flow through system by increasing pump size or horsepower.
- ▶ Do not allow children to sit, play or interact with main drains or suction outlets.

Optional tools: awl, 1/16 inch drill bit, battery operated drill or a “yankee type” manual screw driver to predrill holes, brush and or dust pan to clean surface area prior to installation.

## Installation:

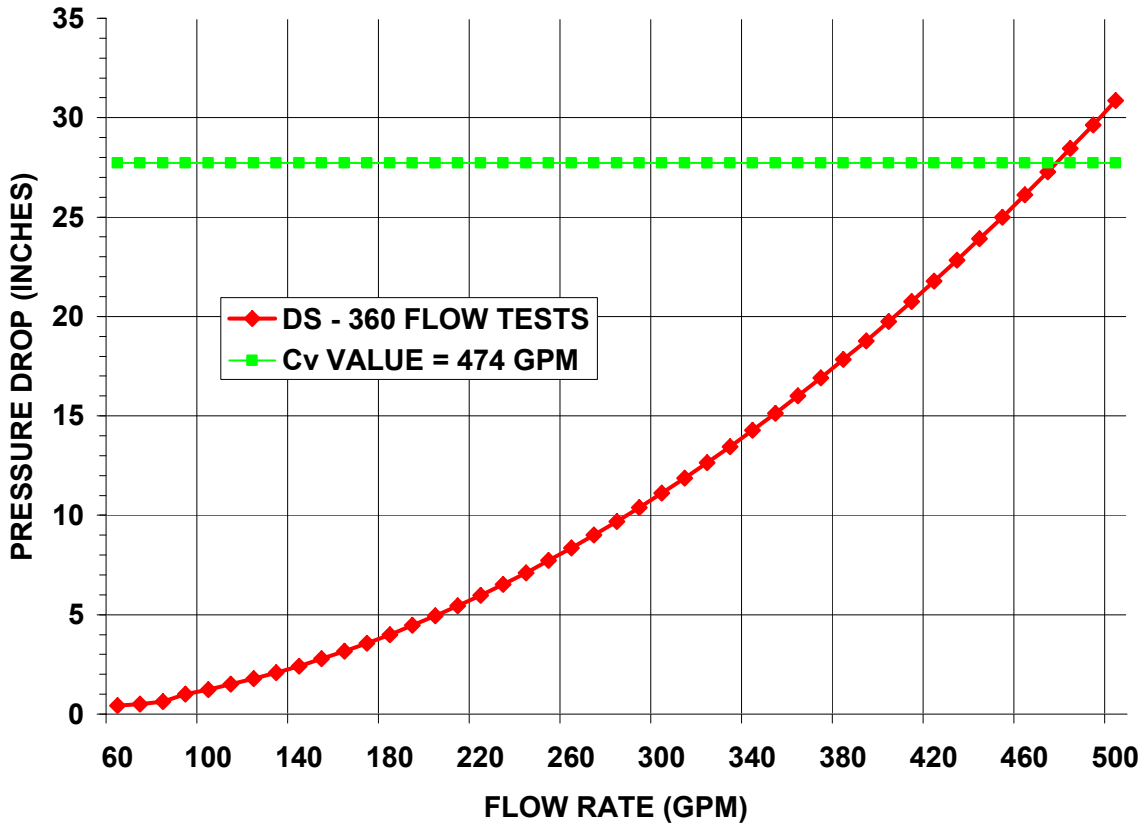
1. Remove existing main drain cover. Clean area and prep for DS 360/360M install.
2. Install this product in a right side up position. ANSI/ASME A112.19.8 2007 labeling is on the top of the unit. Set DS 360/360M on sump and align existing screw holes with DS 360/360M screw ports (5.5 to 7.5 inch bolt centers) this configuration fits most common sump screw patterns. Outer edges must be flush with existing pool/spa liner. Do not start pump if the edges of the DS 360/360M are not flush and tight to the existing liner be it; plaster, exposed aggregate, fiberglass, coated surface or vinyl.
3. Insert the two supplied screws into the existing holes in the sump, (6 sets of screws included to match original OEM screws) hand tighten. (Do not overtighten!)
4. Then using a 1/16 inch drill bit, drill approximately (2) 1/4 inch deep holes, at a 90 degree off-set (screw holes pre-drilled in DS 360/360M cover) into the existing mud ring plastic, as close to the sumps frame as possible.
5. Use all four (4) screw ports to mount DS 360/360M. Insert the other two matching OEM supplied screws, hand tighten only using the supplied uni-screw security tool.

**DO NOT OVER TIGHTEN SCREWS, AS THIS MAY DAMAGE  
THE DS 360/360M OR THE EXISTING SUMP !!**

6. Do not install DS 360 if screws are not secured properly. Install the next screw size larger (supplied). It is important all four screw attachment openings are utilized. In some cases it may require you predrill four new screw ports for a secure fit.

**NEVER LEAVE A CHILD ALONE BY WATER, ANY WATER.**

### DS - 360 FLOW TESTS / Cv VALUE



#### THREE YEAR LIMITED WARRANTY: Models DS 360/DS 360M/DS 360X/DS 9X9

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 DS 360/DS 360M/DS 360X will be replaced (proof of purchase required) upon our option providing the DS 360/DS 360M/DS 360X was properly installed as per manufacturers instructions. This warranty is void and shall not apply if the DS 360/DS 360M/DS 360X has been altered or installed with other products outside of New Water Solutions, Inc. manufacturing. This product is warranted for a period of: 3 years from date of purchase. 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: DS 360/DS 360M/DS 360X based on warranty, contract negligence, or strict liability.

**NOTE: Anti-Entrapment cover and adapter, must be replaced every 3 years.**

This Part was installed on, location \_\_\_\_\_ pool/spa

Flow rate of system: \_\_\_\_\_ G.P.M.

\_\_\_\_\_ Date

\_\_\_\_\_ Installer/Company

DS 360 /DS 360M/DS 360X Anti-Entrapment Type Submerged Suction Outlet Cover  
 Manufactured by: New Water Solutions, Inc. P.O. BOX 360 Topton NC 28781  
 Any questions or suggestions: call 800-513-4372 or [www.drainsafe.com](http://www.drainsafe.com)