

Install Sheet: Drainsafe® DS 360M

Anti-Entrapment Type, Submerged Suction Outlet Type Cover

This product must be installed by an experienced pool/spa professional.

Keep this document with other important pool/spa papers.

Read these instructions in their entirety prior to starting installation.

ANSI/APSP – 16 2011 Standard, ANSI/ASME A112.19.8 (2007) and VGB 2008 Compliant.

Safe Flow Rate 123 (GPM) Gallons Per Minute. For use with suction outlet sumps up to 8 inch in size.

Note: It is recommended this product be used in conjunction with a
ANSI/ASME A112.19.17 Certified (SVRS) Safety Vacuum Release System.

Important Information:

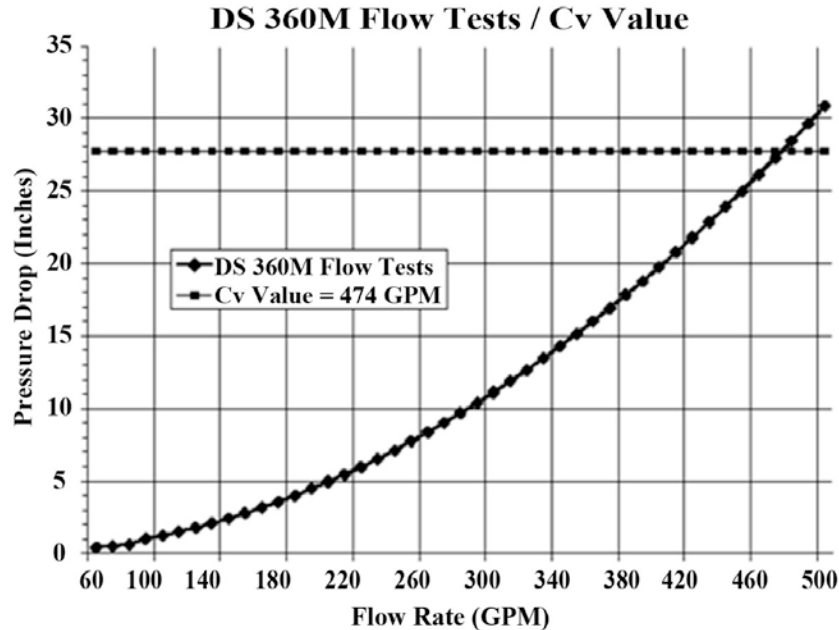
- Do not exceed Drainsafe® DS 360M Safe Flow Rate: 123 gallons per minute.
 - Post safe flow rate in an obvious location in pump room.
 - Acceptable connecting pipe sizes: up to 2.5”.
 - Inspect this unit for proper attachment daily, inspect for fractured or damaged parts daily.
 - Never operate any 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 Drainsafe® DS 360M could result, causing serious injury or death.
 - If the Drainsafe® DS 360M is damaged, do not start pump(s) until a new Drainsafe® DS 360M unit is properly reinstalled.
 - After slowly tightening supplied screws, be certain Drainsafe® DS 360M cannot be moved side to side or vertically/horizontally to ensure secure attachment.
- ▶ 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 outlet(s) shall be capable of handling the flow of the system.
 - ▶ Be certain pool/spa pump(s) are secured prior to installation.
 - ▶ Use battery operated drill (if need be), or a Yankee type manual ratcheted 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 ratcheted 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 Drainsafe® DS 360M install.
2. Install this product in a right side up position. (ANSI/APSP – 16 2011 Standard) labeling is on the top of the unit.
Set Drainsafe® DS 360M on sump and align existing screw holes with Drainsafe® DS 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 Drainsafe® DS 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 over tighten!)
4. Then using a 1/16 inch drill bit, drill (2) 1/4 inch deep holes, at a 90 degree off-set (screw holes pre-drilled in Drainsafe® DS 360M) into the existing mud ring plastic, as close to the sumps frame as possible.
5. Use all four (4) screw ports to mount Drainsafe® DS 360M. Insert the other two matching OEM supplied screws, hand tighten only using the supplied Uni-screw security tool.
6. Do not install Drainsafe® DS 360M 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 pre-drill four new screw ports for a secure fit.

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This package contains a Drainsafe® DS 360M, Installation Instructions, Installation Label, and a packet of DS Uni-Screws with Tool.

Once the product has been installed, please fill in all blank areas of the Installation label and attach the label to a conspicuous location.
i.e.: Inside the Time Clock Box Lid, Pool Pump,
Pool Equipment Breaker Panel or to this Document.

This part was installed on, _____ pool/spa.
Location

Flow Rate of System: _____ G.P.M.

Date

Installer/Company

5 year limited warranty begins at the date of installation.

Drainsafe® DS 360M 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

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www.newwatersolutions.com

