

WARNING /DANGER/ ATTENTION

INSTALL INSTRUCTIONS INTO CONCRETE LEDGE OR FRAME FOR SINGLE OR MULTIPLE USE ONLY

Part # DalMax-FG-183634 Part # DalMax-FG-183628
Part # DalMax-FG-183624 Part # DalMax-FG-185434

Replace within 25 years for cover and screws
MAXIMUM RATED FLOW RATES—ACCEPTABLE PIPE SIZE

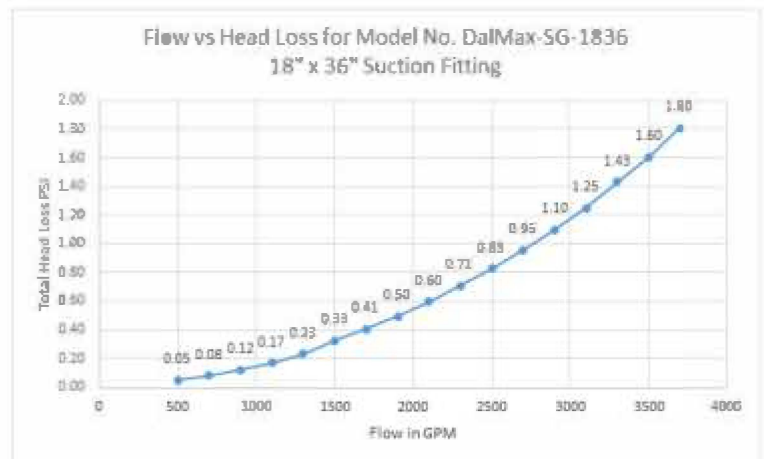
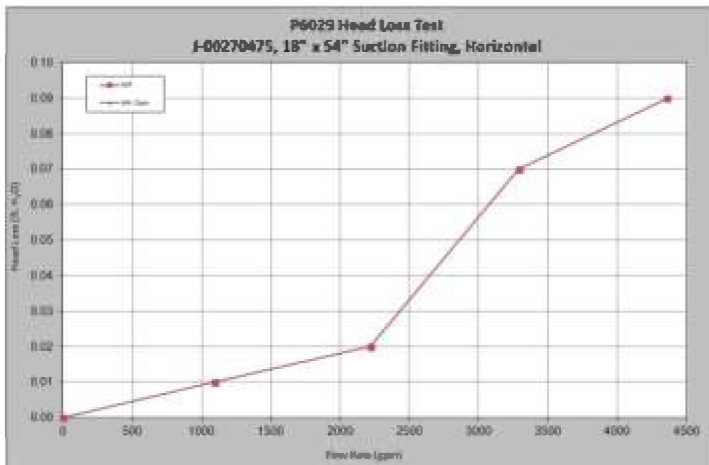
SIZE	FLOOR	WALL	PIPE
18 x 36 x 24	1984	1440	8-Inch
18 x 36 x 28	2480	1909	10-Inch
18 x 36 x 34	2869	2080	12-Inch
18 x 54 x 34	4412	NA	14-Inch

When installing and using this equipment, basic precautions shall always be followed including the following: **IMPORTANT SAFETY INSTRUCTIONS.**

READ, FOLLOW, AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS and then keep them for future reference. If there are any questions or further information needed call **1-888-509-8128 for assistance.**

- Do not locate suction outlets on seating areas or on the backrests for such seating areas.
- When two (2) or more suction fittings are used on a common suction line they must be separated by a minimum of 3 feet, or if any are located closer they must be located on two (2) different planes.
- In the event of one suction outlet being completely blocked, the remaining suction outlets serving that system shall have a flow capacity rating capable of the full flow of the pump(s) for the specific suction system.
- When installing the grate without the supplied frame, the grate must be anchored into a solid concrete base using the fasteners provided.
- Use grate to locate and mark the anchoring positions.
- Using 5/16" concrete bit; drill the holes to a depth of 1". Use caution, **DO NOT** over drill.
- Install the drop-in stainless-steel anchors provided and set with the proper tool (Not Provided).
- Hand start the screws to ensure they do not cross thread or strip out the threaded inserts. Tighten with #2 square head screwdriver and tighten to 30 in/lbs.
- Use the fasteners provided (Model #DBolt-03-BS) to insure a minimum of 3 complete turns into the concrete anchor. Ensure screws heads are flush.
- After installation of cover/grates, installer is required to hand-check for snugness to the sump/frame.
- The use of adhesives or other attachment methods that prevent access to suction piping or SOFA components requiring periodic servicing is prohibited.
- **CAUTION:** The SOFA fasteners must be observed for damage or tampering before each use of this facility.

- Any missing, broken, loose or cracked covers/grate forming a suction fitting must be replaced before using this facility. Any grate that can be removed without tools must be secured prior to using the pool.
- Many state codes differ from APSP-16 2011 recommendations. It is the responsibility of the installer to choose the proper SOFA for the application.
- **CAUTION:** Do not exceed maximum flow rate stated on cover/grate. When replacing pump, use pump with similar flow curve and horsepower.
- No modifications shall be made to a SOFA structure or flow path unless the new configuration has been certified the original SOFA.
- This standard provides performance-based flow ratings for all SOFAs. These flow ratings are designed to prevent suction entrapment. Compliance with this standard requires that these SOFA-configuration specific flow ratings **NOT** be exceeded at any time the pool is open to bathers.
- Compliance with this standard requires selecting and installing a SOFA, or combination of SOFA's, such that the resulting individual suction slow rating is greater than the pumping system's maximum system flow rate. Skimmers, gutters and other overflow systems may not always be operational and could divert all the pump(s) flow through the SOFA suction system, therefore the flow capacity of these systems shall not be included when evaluating an individual suction system flow rating.



SAVE THESE INSTRUCTIONS!

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Call (888)-509-8128
For inquiries or assistance