



# 424 GPM POOL DRAIN 18"x18"

CMP# 25508-18X-000L\*



Single or Multiple Drain Use  
424 GPM - Submerged  
Life: 7 Years  
Floor or Wall  
25508-18XL

VGB-2008  
COMPLIANT

**Read and keep these instructions for future reference.**

**Always plumb and install all suction fittings according to all building codes that apply in your area.**

**WARNING:** When using two or more suction fittings on a common suction line, suction fittings must be separated by a minimum of 3 ft or they must be located on two different planes (i.e., one on floor and one on the wall).

**WARNING:** DO NOT locate suction outlets on seating areas or on backrests for such seating areas.

The maximum flow rating for this suction fitting is 424 GPM. This suction fitting is designed for installation in conjunction with at least one other suction fitting per pump. A minimum size of 5" SCH 40 PVC pipe is to be used. Field built sumps should be constructed per ANSI/APSP-16 Figure 2 (see below) found on page 5 of the Standard. Suction fitting and fasteners should be observed for damage or tampering before each use. Missing, broken, or cracked suction fittings shall be replaced before use. Loose suction fittings shall be reattached or replaced before use. Contact your local pool and spa professional for all winterizing instructions and recommendations. Open area is 155.6 in<sup>2</sup>.

NOTE: This drain is certified for FLOOR OR WALL USE.

**Tools Needed: Phillips Head Screwdriver**

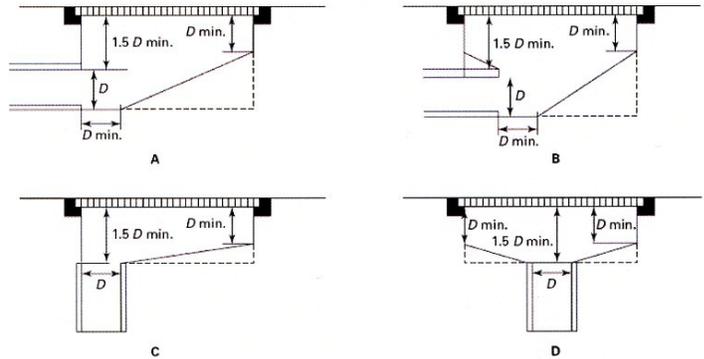
## INSTALLATION INSTRUCTIONS

1. Construct sump per ANSI/APSP-16 Figure 2 (see below)
2. Secure mounting frame in concrete.
3. Use mounting screws to secure grate to frame.

**NOTE:** In the event that one suction outlet is completely blocked, the remaining suction outlet(s) serving that system MUST have a flow rating capable of the full flow of the pump(s) for the specific suction system.

**NOTE:** Increasing size of the pump may increase flow rate of suction beyond rated safety limits causing entrapment or death.

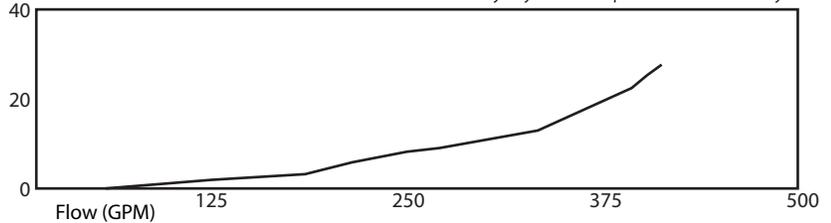
**CAUTION:** Hair or body parts blocking the spa or pool suction fittings may become trapped and held against the suction fitting. Entrapment against the suction fittings can result in drowning or other severe injury. Never sit on or lean up against suction fittings. Never exceed the maximum allowable flow rate stated on the suction fitting. The suction fitting and fasteners should be inspected for damage or tampering before each use of the facility. Missing, broken, or cracked suction fittings shall be replaced before using this facility. Loose suction fittings shall be reattached or replaced before use of this facility.



### GENERAL NOTES:

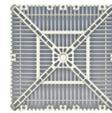
- (a)  $D$  = inside diameter of pipe.
- (b) All dimensions shown are minimums.
- (c) A broken line (---) indicates suggested sump configuration.

### Head Loss (Pa x 10<sup>3</sup>)



## REPLACEMENT PARTS

Replace within 7 installed years or immediately upon evidence of degradation or damage.



**GRATE**  
25508-09X-010\*



**FRAME**  
25508-18X-020\*



**SCREW**  
61008-042-022

\* X CAN BE ANY DIGIT 0-9 TO DENOTE COLOR

**WARNING:** To reduce the risk of drowning from hair and body entrapment, install suction fittings with a marked flow rate in gallons per minute that exceeds the flow rate of your system by at least 25%. Always use multiple suction outlets. If the fitting/cover breaks, is damaged, or is missing, shut the system down immediately. Do not use the system until damaged parts have been replaced.

**WARNING:** Keep hair and clothing a minimum of 12 inches from all suction fittings and drains at all times. Persons with long hair should secure hair to a minimal length or wear swimming cap. Children should never be left unattended at any time in a swimming pool, spa, or bathtub. Be sure the temperature of the water never exceeds the manufacturer's recommendations.