

THE VORTEX

SLIDE OWNER'S MANUAL



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SLIDE WARNING AND SAFETY SUMMARY

 **DANGER – FAILURE TO FOLLOW THESE WARNINGS, INSTRUCTIONS AND THE OWNER’S MANUAL MAY RESULT IN SERIOUS INJURY OR DEATH**



HEAD FIRST SLIDES ARE STRICTLY PROHIBITED

TO REDUCE THE POSSIBILITY OF INJURY, IT IS NECESSARY THAT THE USER KNOW THAT THE CHIEF DANGER OF HEAD FIRST SLIDING IS SERIOUS SPINAL INJURY. INJURIES TO THE SPINE MAY RESULT IN TEMPORARY OR PERMANENT PARALYSIS OR EVEN DEATH. RESEARCH STUDIES HAVE SHOWN THAT YOU CANNOT RELY ON THE WATER TO SLOW YOU DOWN SUFFICIENTLY TO AVOID INJURY.



- **READ AND FOLLOW ALL SAFETY RULES LISTED BELOW.**
- **MAKE SURE THAT EVERYONE WHO USES THE VORTEX KNOWS AND FOLLOWS ALL RULES.**
- **CHILDREN MUST BE SUPERVISED BY AN ADULT AT ALL TIMES WHEN USING THE SLIDE.**

INTENDED USE INSTRUCTIONS

THE VORTEX™ SLIDE IS DESIGNED AND MANUFACTURED FOR INSTALLATION AND USE ON INGROUND SWIMMING POOLS ONLY. DO NOT INSTALL THE VORTEX SLIDE ON ABOVE GROUND POOLS, HOUSEBOATS, BOAT DOCKS, FLOATING DOCKS OR PLATFORMS, OR OTHER BODIES OF WATER SUCH AS LAKES, PONDS, RIVERS, ETC. PROPER ASSEMBLY, INSTALLATION, USE, AND SUPERVISION IS ESSENTIAL FOR PROPER OPERATION AND TO REDUCE THE RISK OF SERIOUS INJURY OR DEATH.

1. SLIDE FEET FIRST ONLY AS SHOWN IN FIGURE 1. **DO NOT SLIDE HEAD FIRST**
2. DO NOT JUMP OR DIVE FROM ANY PART OF THE SLIDE.
3. NO ROUGHHOUSING OR HORSEPLAY ON SLIDE.
4. CHILDREN MUST BE SUPERVISED BY AN ADULT AT ALL TIMES WHEN USING THE SLIDE.
5. ONLY ONE PERSON ALLOWED ON THE SLIDE AT A TIME WITH A MAXIMUM USER WEIGHT OF 325 LB.
6. HOLD ONTO HANDRAILS AT ALL TIMES WHEN USING THE LADDER.
7. FAMILIARIZE YOURSELF WITH THE SHAPE OF THE POOL BOTTOM AND THE WATER DEPTH BEFORE YOU SLIDE. SLIDE FEET FIRST ONLY.
8. DO NOT SLIDE UNTIL ALL SUBMERGED OBSTACLES; SURFACE OBJECTS OR OTHER SWIMMERS ARE CLEAR OF THE SLIDER'S PATHWAY.
9. STAY CLEAR OF THE SLIDE RUNWAY EXIT WHILE SWIMMING.
10. DO NOT USE THE SLIDE WHILE UNDER THE INFLUENCE OF ALCOHOL OR DRUGS.
11. DON'T SLIDE ALONE; USE THE BUDDY SYSTEM.
12. TAKE YOUR TIME IN PREPARING TO SLIDE. MOVE FORWARD SLOWLY AND GET YOURSELF POSITIONED PROPERLY BEFORE STARTING THE SLIDE.
13. ONLY PERSONS HEALTHY ENOUGH FOR WATER ACTIVITIES SHOULD USE THE SLIDE. PERSONS WITH MEDICAL CONDITIONS, INCLUDING PREGNANCY, SHOULD CONSULT THEIR DOCTOR BEFORE USING THE

SLIDE. PERSONS WITH PHYSICAL DISABILITIES SHOULD USE CAUTION AND MAY REQUIRE ASSISTANCE.

14. DO NOT USE THE SLIDE IF ANY PART OF IT BECOMES DAMAGED, WEAKENED, OR BROKEN. HAVE THE SLIDE INSPECTED AND, IF NECESSARY, REPAIRED BY A POOL PROFESSIONAL, WHO IS FAMILIAR WITH WATER SLIDES BEFORE USING THE SLIDE. SEE INSTALLED SLIDES' STRUCTURAL & INSTALLATION CHECKLIST.

PROPER SLIDING POSITION

Slide users must use the sitting slide position, facing forward, feet first as shown in Figure 1.

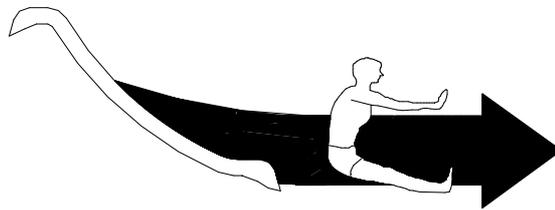


FIGURE 1

INSTALLED VORTEX STRUCTURAL & INSTALLATION CHECKLIST

After installation and prior to the first use of the VORTEX and periodically (see DAILY/WEEKLY MAINTENANCE OF THE VORTEX) thereafter the owner must:

1. Inspect the runway for visible cracks or tears.
2. Inspect the ladder for sharp edges, protrusions, cracks or tears.
3. Inspect ladder and pedestal mounting areas for loose or corroded fasteners.
4. Measure the following dimensions and compare with the Manufacturer's Placement Instructions on pages 6 AND 7.
 - Measure the depth of water in front of the slide exit. (4-6") min. depth at a distance of (4-6") from exit end of slide.
 - Measure the height of the slide runway exit above the water. (20" max.)
 - Measure the distance between the slide centerline and the edge of other pool equipment.
5. Observe the position of the exit of the slide as shown in Figures 2, 3 and 5 on pages 6 and 7.
6. Read, understand and enforce all safety and use instructions on the slide.

DAILY/WEEKLY MAINTENANCE OF THE VORTEX

1. Periodically inspect the Vortex to assure there are no worn parts and that all hardware is properly tightened. Replace any hardware which exhibits rust or corrosion.

2. All slide components require periodic maintenance. Clean components with a cotton cloth and a non-abrasive soap and water. Avoid harsh chemicals and disinfectants.
3. Always read the label instructions on any cleaner carefully before applying it to a surface.
4. Inspect the plumbing system for leaks. Freeze/Thaw cycles may cause leaks at plumbing joints which should be repaired prior to use.
5. Check all safety labels to insure they have not peeled or been removed. Contact S.R. Smith Customer Service (800-824-4397) for replacement labels.
6. The support structure is made from steel, is primed and powder coated with a high quality acrylic urethane finish. However, corrosion may occur depending on water chemistry and environmental conditions. Inspect the slide on a semi-annual basis, sand and repair any surface rust. For touch-up paint (PN # 09-819-1), contact S.R. Smith Customer Service (800-824-4397).

CAUTION: Because this product is manufactured from Steel, placement on a pool with a Salt Chlorine Generator will require frequent inspection and maintenance due to the corrosive nature of these systems with all steel alloys. It is recommended that all slide components be rinsed daily with fresh water.

APPLICABLE STANDARDS AND CODES

The installation of the VORTEX must comply with all applicable governmental and building codes.

ASSEMBLY AND INSTALLATION

All S.R. Smith VORTEX slides are inspected prior to shipment from the factory. Proper assembly and installation is mandatory. Improper assembly and installation voids S.R. Smith's warranty and may affect the safety of the user. It is the installer's responsibility to ensure that the structural integrity of the concrete pad prior to installation of the slide.

DRAWINGS

All drawings in this Slide Owner's Manual (Figures 1 through 5) are for illustration purposes only and are NOT TO SCALE.

SUBSEQUENT OWNERS

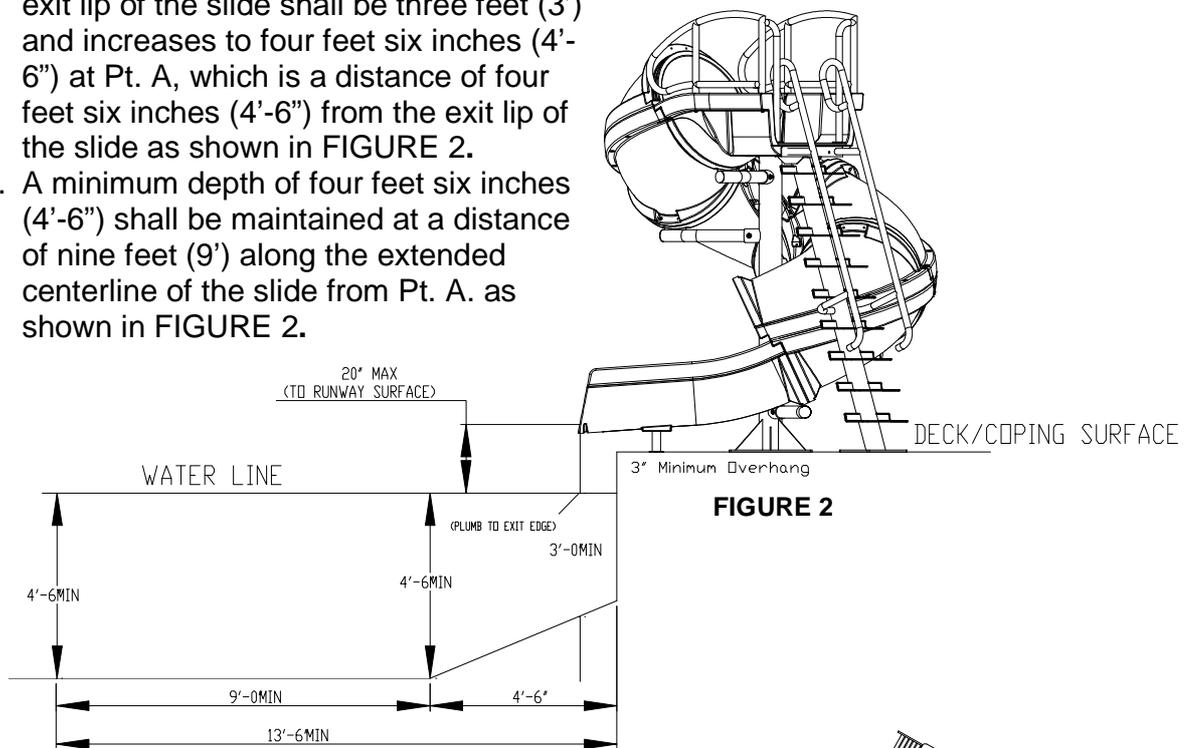
The Owner's Manual must remain with the owner of the slide. If the owner changes, the Owner's Manual shall be brought to the attention of the new owner.

MANUFACTURER'S PLACEMENT INSTRUCTIONS

PROPER ASSEMBLY, INSTALLATION, USE, AND SUPERVISION IS ESSENTIAL FOR PROPER OPERATION AND TO REDUCE THE RISK OF SERIOUS INJURY OR DEATH.

1. The critical dimensions for placement of the Vortex are as shown in FIGURES 2 and 3.

- A. The slide exit runway surface shall not exceed twenty inches (20") above the water surface as shown in FIGURE 2.
- B. The slide shall be positioned so that all water flowing off the runway exit drops into the pool. Recommended overhang is (3") inches.
- C. The minimum depth of water below the exit lip of the slide shall be three feet (3') and increases to four feet six inches (4'-6") at Pt. A, which is a distance of four feet six inches (4'-6") from the exit lip of the slide as shown in FIGURE 2.
- D. A minimum depth of four feet six inches (4'-6") shall be maintained at a distance of nine feet (9') along the extended centerline of the slide from Pt. A. as shown in FIGURE 2.



2. A minimum clearance area in front of the slide shall be maintained at all times as follows:

- A. The minimum clearance distance on either side of the extended centerline of the slide runway shall not be less than three feet six inches (3'-6") at a point no less than two feet six inches (2'-6") from the exit lip of the slide and extending a distance of thirteen feet six inches (13'-6") in front of the slide as shown in FIGURE 3.

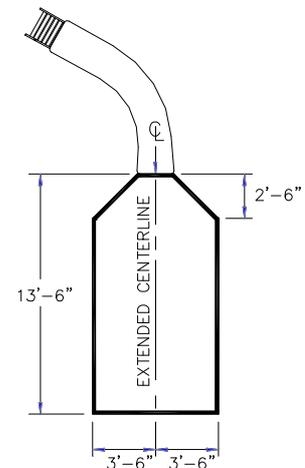


FIGURE 3

SLIDE
MINIMUM CLEARANCE AREA

3. SLIDE PLACEMENT INSTRUCTIONS FOR INSTALLATIONS ON POOLS WITH OTHER SLIDES AND/OR DIVING BOARDS

- A. The minimum clearance area in front of a properly installed diving board on an inground swimming pool is a minimum distance of three feet six inches (3'-6") on either side of the board's centerline as shown in FIGURE 4. Pt. C extends a minimum distance of "C" from the tip end of the board as shown in FIGURE 4. The width distance "W" on either side of Pt. C is given in Chart 1 and shown in FIGURE 4.

CHART 1

BOARD MINIMUM CLEARANCE AREA		
POOL TYPE	"C" DIMENSION	"W" DIMENSION
I	14'-6"	5'-0"
II	14'-6"	6'-0"
III	16'-6"	6'-0"
IV	18'-6"	7'-6"
V	21'-0"	7'-6"

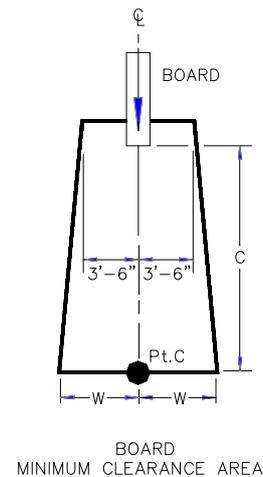


FIGURE 4

See Article 5 contained in ANSI/APSP/ICC-5 2011 STANDARD FOR RESIDENTIAL INGROUND SWIMMING POOLS and refer to FIGURE 3 and Table 1 for Minimum Water Envelope Dimensions AB, BC and Width at Point C. For Pool Type VI-IX, see Article 6.6 in ANSI/APSP-1 2003 STANDARD FOR PUBLIC SWIMMING POOLS and refer to Minimum Dimensions for Diving Portion of Class B and C Pools.

"C" DIMENSION FOR BOARD = AB + BC

"W" DIMENSION FOR BOARD = WIDTH AT PT.C

- B. The minimum clearance area of a slide or diving board shall not intersect any coping or rope and float line as shown in FIGURE 5. The minimum clearance area of a slide or diving board may intersect each other provided that they are not used simultaneously.

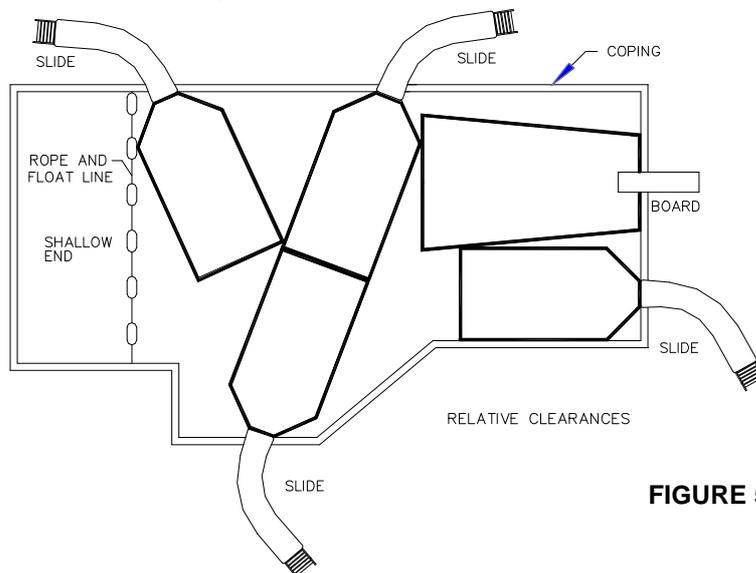


FIGURE 5

CLEANING INSTRUCTIONS

Use nonabrasive soap and water when possible. In addition, you may safely use the below listed products. Always try a test spot before applying to a large area.

Windex® With Ammonia
Soft Scrub®
Glass Plus®

Formula 409®
Scrubfree
Topjob®

Fantastik®
Tackle®
Tilex®

Always read the label instructions on any cleaner carefully before applying it to a *polyethylene* surface.

AVOID HARSH CHEMICALS AND DISINFECTANTS. DO NOT USE:

Dow with Scrubbing Bubbles®
Windex® With Vinegar

Lysol® Disinfectant
White Cap®

Ajax® Cleanser
Ajax® Liquid