



Waterslides
**FAST
TRACK
THE
FUN**

who we are

Vortex Aquatic Structures International offers a complete line of waterslides and aquatic play solutions designed to enhance the world of play for families and communities everywhere.

Our products have been developed from the ground up to maximize play value by promoting physical, imaginative and social play. And our expertise extends to the overall design, planning and installation of your entire project.

Our play solutions are engineered to the highest standards of quality and safety for a wide range of municipal parks and pools, community centers, theme parks and hotel/resort water parks, fitness clubs and Ys as well as campgrounds and residential developments.

Vortex is the world leader in aquatic play landscapes and entertainment with more than 6,500 installations in 45 countries.



waterslides

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waterslides

Vortex offers a complete line of standard and custom waterslide configurations designed for all ages and rider levels.

With slide solutions available for both indoor and outdoor applications, for new construction, or to refurbish an existing structure, Vortex can accommodate your specific site conditions and capacity requirements.



body slides – open flume



BODY



CUSTOM
DESIGN
AVAILABLE

flume width	36" (0.9m)
typical lengths	30' – 400' (9M – 120m)
average slope	8° (14%) / Integral Highwall
typical flow rate	600 – 1000 GPM (2270 – 3785 LPM)
plunge pool water depth	42" (1.1m)
slide exit options	Plunge pool, Runout



body slides – enclosed flume



BODY



CUSTOM
DESIGN
AVAILABLE

diameter	32" (0.8m)
typical lengths	30' – 400' (9m – 120m)
average slope	8°-12° (12%-21%) / Integral Highwall
typical flow rate	300 – 800 GPM (1135 – 3028 LPM)
plunge pool water depth	42" (1.1m)
slide exit options	Plunge pool, Runout



speed slides



BODY



CUSTOM
DESIGN
AVAILABLE

flume type	36" (0.9m) Open Flume / 32" (0.8m) Enclosed Flume
typical lengths	75' - 200' (23m - 61m)
average slope	11° - 40° (19% - 84%)
typical flow rate	200 - 500 GPM (757 - 1893 LPM)
plunge pool water depth	42" (1.1m)
slide exit options	Plunge pool, Runout



drop slides



BODY



CUSTOM
DESIGN
AVAILABLE

flume type	36" (0.9m) Open Flume / 32" (0.8m) Enclosed Flume
typical lengths	20' - 200' (6.1m - 61m)
average slope	8° - 40° (14% - 84%)
typical flow rate	200 - 500 GPM (757 - 1893 LPM)
plunge pool water depth	Varies
slide exit options	Plunge pool



raft slides



1
PERSON
RAFT



2
PERSON
RAFT



CUSTOM
DESIGN
AVAILABLE

flume type	60" (1.5m) Open Flume / 60" (1.5m) Enclosed Flume
typical lengths	200' - 450' (61m - 137m)
average slope	6° (11%)
typical flow rate	1100 - 1800 GPM (4164 - 6814 LPM)
plunge pool water depth	42" (1.1m)
slide exit options	Plunge pool, Runout



raft slides



1
PERSON
RAFT



2
PERSON
RAFT



CUSTOM
DESIGN
AVAILABLE

flume type	84" (2.1m) Open Flume / 84" (2.1m) Enclosed Flume
typical lengths	200' - 450' (61m - 137m)
average slope	6° (11%)
typical flow rate	1800 - 2400 GPM (6814 - 9084 LPM)
plunge pool water depth	42" (1.1m)
slide exit options	Plunge pool, Runout



body bowls



BODY



CUSTOM
DESIGN
AVAILABLE

diameter	40' (12m)
lead-in flume type	32" / 0.8m Enclosed
typical lengths	100' (30.5m)
average slope	0° - 30° (0% - 58%)
typical flow rate	300 - 650 GPM (1136 - 2461 LPM)
plunge pool water depth	96" (2.4m)
slide exit options	Plunge pool



raft bowls



1
PERSON
RAFT



2
PERSON
RAFT



CUSTOM
DESIGN
AVAILABLE

diameter	45' (14m)
lead-in flume type	60" (1.4m) Enclosed
typical lengths	100' (30.5m)
average slope	0° - 30° (0% - 58%)
typical flow rate	600 - 850 GPM (2271 - 3218 LPM)
plunge pool water depth	42" (1.1m)
slide exit options	Runout



family slides



BODY



CUSTOM
DESIGN
AVAILABLE

width	72" / 96" / 120" / 144" (1.8m / 2.4m / 3m / 3.7m)
typical lengths	15' - 40' (4.6m - 12.2m)
average slope	25° (47%)
typical flow rate	100 - 500 GPM (378 - 1893 LPM)
plunge pool water depth	18" up to 42" (0.5m up to 1.1m)
slide exit options	Plunge pool



kiddie racers



BODY



CUSTOM
DESIGN
AVAILABLE

width	20" (0.5m)
typical lengths	15' – 40' (4.6m - 12.2m)
average slope	25° (47%)
typical flow rate	25 – 300 GPM (95 – 1136 LPM)
plunge pool water depth	18" up to 42" (0.5m up to 1.1m)
slide exit options	Plunge pool, Runout



signature attraction – AquaTWIST™



BODY



CUSTOM
DESIGN
AVAILABLE

diameter	32" (0.8m)
typical lengths	100' (30.5m)
average slope	8° - 12° (14% - 21%)
typical flow rate	300 - 650 GPM (1136 - 2460 LPM)
plunge pool water depth	42" (1.1m)
slide exit options	Plunge pool, Runout



signature attraction – AquaRACER™



MAT

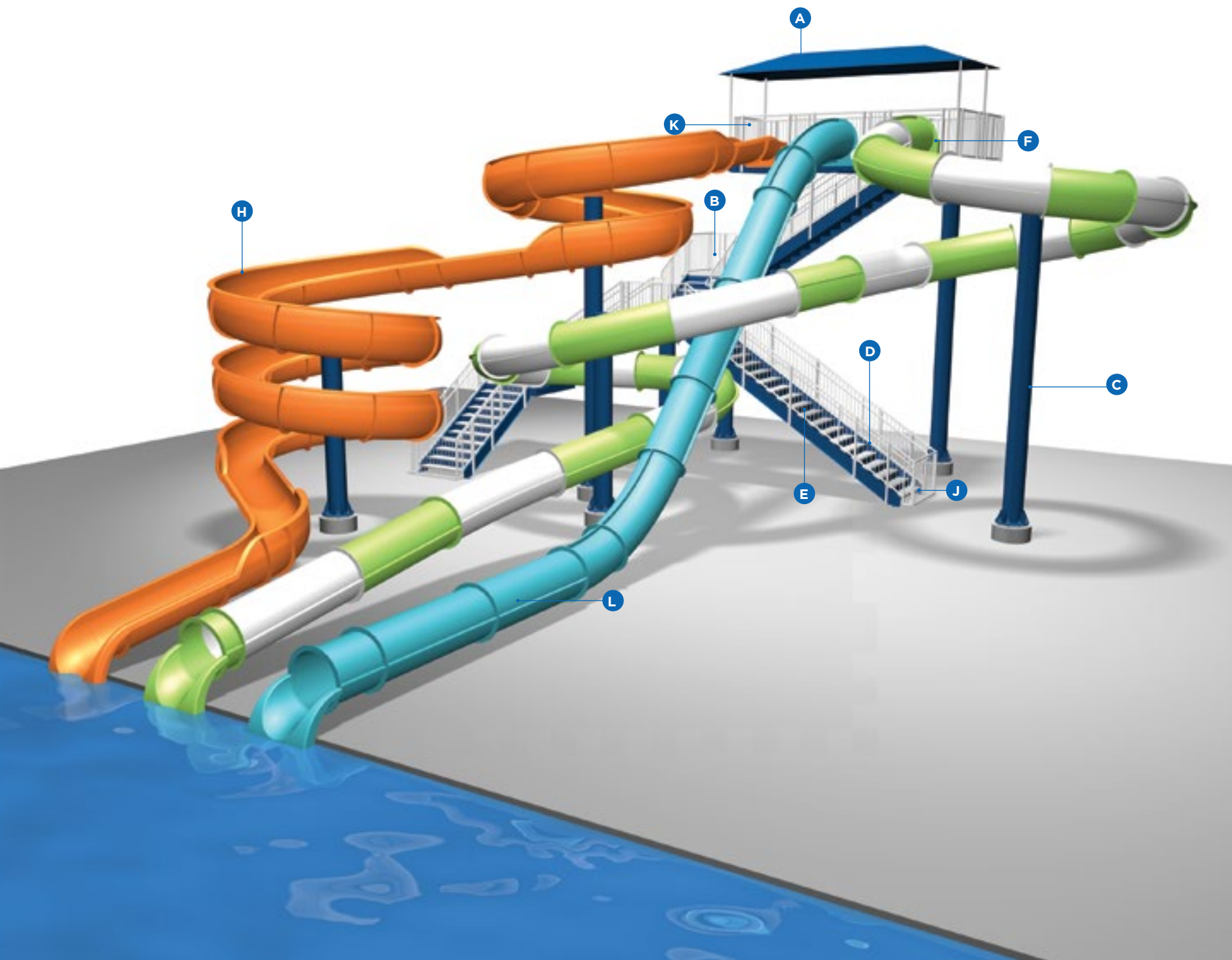


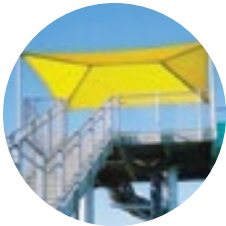
CUSTOM
DESIGN
AVAILABLE

lane options	2 / 4 / 6
lane width	26" (0.7m)
typical lengths	200' – 400' (61m – 122m)
average slope	20° – 40° (37% – 84%)
slide exit options	Runout

waterslides

FEATURES OVERVIEW





A canopy

Shadesure® fabric canopies offer 95% UV protection. 10 year limited warranty.



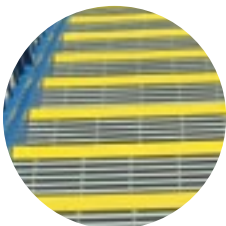
B spiral stairway

These space savers are offered as standard features at no extra charge.



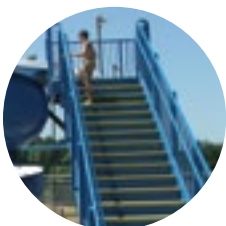
C premium coating

Premium finish coat over hot-dip galvanized steel looks great, resists corrosion.



D AquaGRATE® decking

Standard on all stair and deck surfaces for improved comfort and safety for bare feet – a must in high traffic aquatic areas.



E wide stairways

Widest stairway in the industry! 55" (1.4m) offering 48" (1.2m) free and clear between ADA safety rails.



F built-in water chambers

Allows for smooth and continuous introduction of water into rider path.



G runouts

Pool-less runouts are a safe, high capacity alternative to plunge pools. Available for both body and inner tube waterslides.



H built-in highwalls

One-piece 230° high-wall curves with no unsightly or dangerous bolt-ons or built-up sections.



I safety signage

Safety signage for all waterslide details proper procedures and sliding techniques for maximum safety and fun.



J lockable gates

On all waterslide towers and stairs to restrict access when waterslide is not in use.



K safety entry

Sit down bars on each waterslide ensure safe entry and sliding.



L high grade gelcoats

Highest grade gelcoats for a smooth, low-maintenance finish inside and out.





standard color chart

steel & fiberglass colors



beige

RAL 1015



saffron yellow

RAL 1017



yellow

RAL 1023



orange

RAL 2011



red

RAL 3000



fuchsia

RAL 4006



navy blue

RAL 5003



sky blue

RAL 5012



blue

RAL 5017



pastel blue

RAL 5024



green

RAL 6018



mint green

RAL 6019



pale green

RAL 6021



fern green

RAL 6025



coral green

RAL 6027



forest green

RAL 6029



grey

RAL 7040



brown

RAL 8024



white

RAL 9003



black

RAL 9017

canopy fabric colors



red

Shade Factor 78%
UV Factor 88%



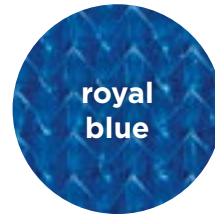
**electric
purple**

Shade Factor 83%
UV Factor 91%



**laguna
blue**

Shade Factor 90%
UV Factor 93%



**royal
blue**

Shade Factor 90%
UV Factor 94%



**navy
blue**

Shade Factor 90%
UV Factor 94%



turquoise

Shade Factor 83%
UV Factor 92%



arizona

Shade Factor 81%
UV Factor 93%



**desert
sand**

Shade Factor 75%
UV Factor 95%



**sunflower
yellow**

Shade Factor 70%
UV Factor 94%



**zesty
lime**

Shade Factor 84%
UV Factor 92%



olive

Shade Factor 89%
UV Factor 95%



**rain
forest**

Shade Factor 88%
UV Factor 95%



terra-cotta

Shade Factor 82%
UV Factor 88%



cinnamon

Shade Factor 92%
UV Factor 94%



chocolate

Shade Factor 92%
UV Factor 93%



black

Shade Factor 95%
UV Factor 96%



silver

Shade Factor 88%
UV Factor 93%



white

Shade Factor 50%
UV Factor 85%

Colors shown on these pages are representative of the most popular color selections. All colors including custom matched colors are available upon request. If you have a color you'd like that isn't show here please check with your sales representative and they will provide the appropriate color sample. Actual colors of products and materials may appear differently than pictured. Subject to availability and change without notice. Custom matched colors may incur an additional charge.



With more than 6,500 installations in 45 countries, in public, commercial and entertainment settings, Vortex Aquatic Structures International Inc. is the world leader in aquatic play landscapes and entertainment. Vortex International provides imaginative, durable aquatic play and water feature solutions that create everlasting memories. Our ongoing mission is to develop fun, safe and reliable products for families and children of all ages and abilities.

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