





1 About us

- 1 Water moves us
- 2 25 years of innovation
- 4 Who we are

2 Splashpad[®]

- 8 Overview
- 10 Explora
- 12 Watergarden
- 14 Toons
- 16 Sea Silhouette
- 18 Contemporary
- 20 Classic
- 22 Ground Sprays
- 24 Water Journey[™]

3 Playable Fountains

- 28 Overview

4 Elevations[™]

- 34 Overview
- 36 Elevations[™]
- 40 PlayNuk

5 Waterslides

- 44 Overview
- 46 Family Slides
- 48 Kids Slides
- 50 Thrill Slides

6 Water Management

- 54 Overview
- 56 Recirculation
- 58 SmartFlow[™]
- 60 Maestro Control

7 Exclusive Technologies

8 Services



Water moves us

We understand how every drop, stream, and splash shapes the world around us. By harnessing the transformative power of water, Vortex creates play experiences for children to develop, communities to flourish, and businesses to thrive. We exist to leave an impact—one that lasts long after families are dried off.



8,000

Projects
worldwide

50

Countries
served

100+

Awards
& honors

“

“Every one of our products combines science, education, abstract design, and a bit of magic to create meaningful experiences. Water makes playscapes extra special for families. It promotes free thinking and unstructured games. The experience of playing in water isn’t like tossing a ball around or shaping a sandcastle—we don’t move water; water moves us.”

—Stephen Hamelin, President of Vortex

25 years of innovation

More than two decades after pioneering the Splashpad®, our innovative approach to water play has helped communities, businesses, and families around the world grow. Today, our award-winning installations span 50 countries and 5 continents.

Who we are



Family-centric innovators

Our designs take a people-first approach. We begin every project by getting to know the families you're servicing and thinking creatively about how we can help them grow.



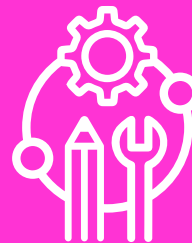
Involved business partners

From planning through maintenance, we're with you throughout every stage of the project. Our experts cover all angles, making the journey easy.



Sustainability experts

Our innovative Water Management solutions reduce your environmental footprint, work with your budget, and attend to your consumers' needs.



Creative thinkers

Our diverse background in engineering, creative design, and water choreography makes us the best in the business at creating imaginative and powerful aquatic experiences.







The world's leading aquatic playscape

Boasting more than 250 interactive features spread out over 8 signature Collections, Splashpad® offers endless opportunities to customize, expand, and evolve with your target demographic. By embracing colorful, open-ended designs and imaginative water choreography, Splashpad® boosts engagement, prolongs stays, and increases return visits.

See our Splashpad® projects at vortex-intl.com



Base de Loisirs du Lac de Férie | Penne-d'Agenais, France

Inclusive water play

With its zero-depth layout and accessible play events, Splashpad® makes it easy for anyone to participate. Additionally, the unique solution includes distinct bay areas for toddlers, teens, and families. Each area interacts with the next, prompting multigenerational play as well as consistent foot traffic in and around the play zone.

Iconic and imaginative

The more attractive and iconic the features of a play area are, the farther from home families are willing to travel. Splashpad® is specifically designed to pop from its surroundings and leave a vivid impression. The solution employs striking color palettes, eye-catching water choreography, and a perfect balance of sun and shade to draw in a crowd.

Key Benefits



Designed for zero-depth



Scalable over time



Fully customizable



Parc Eugène-Dostie | Île Bizard, Quebec, Canada

Explora

The Splashpad® Explora collection pairs magical water effects with different sized orbs. The result is a series of play events that move and get kids moving! These highly kinetic products help develop motor skills and keep the little ones engaged.

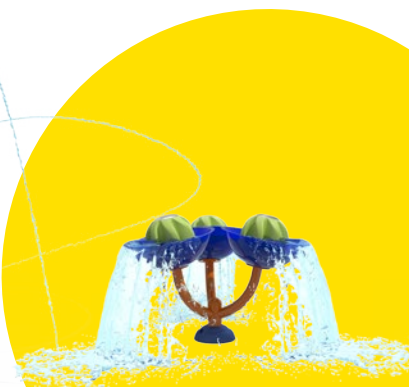
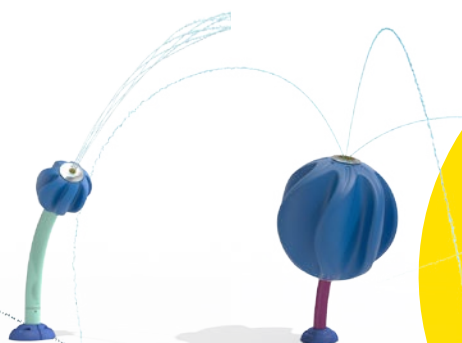
Discover the entire collection at vortex-intl.com

A deeper level of engagement

Explora products invite little ones to push, pull, and spin colorful orbs. In doing so, kids change the way water moves around them. Younger explorers learn cause and effect while older kids appreciate Explora's dynamic designs and many sensations.



Helio n°4



Luna n°2



Gilroy Gardens | Gilroy, California, USA

Watergarden

From the mystical water effects of the Aqualien Flowers to the exciting streams of the Blossom Twirl, the Watergarden collection mimics nature's lush greenery. Every leaf, flower, and stem making up the collection has a distinct personality.

Discover the entire collection at vortex-intl.com

A return to nature

Vivid colors, interactive water effects, and organic designs offer families a return to nature. In the minds of young explorers, these water features transform your Splashpad® into a magical rainforest, jungle, or pond.



Aqualien Rainforest n°7



Leaf n°3



Paterna Municipal Pool | Paterna, Spain

Toons

Larger-than-life creatures populate the play area! The colorful, iconic Toons collection catches the eye of families and, with its open-ended designs, appeals to the creativity of young adventurers.

Discover the entire collection at vortex-intl.com

Open-ended designs

Is it a snake? Maybe it's a tall bird or, perhaps, a sea monster. Rather than craft a collection of critters that perfectly resemble their real-world counterparts, Vortex's designers instead replicate the "essence" of these things. The design approach encourages children's imaginations to fill in the blanks.



Fish n°1



Sailboat n°1

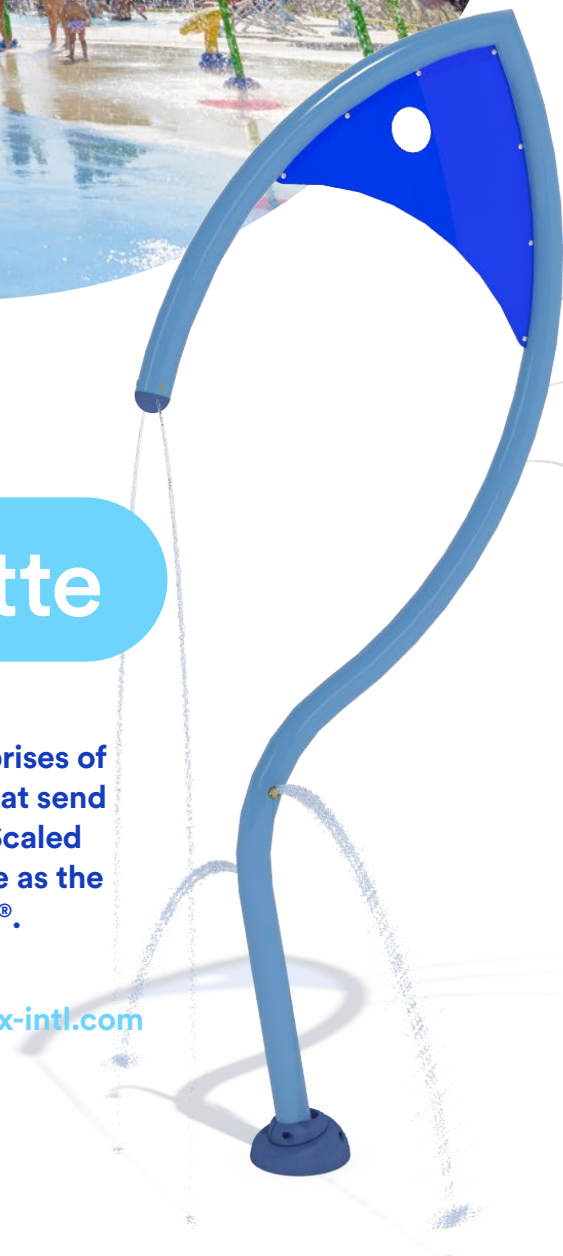


Acquaria Aquatic Center | Sommo, Italy

Sea Silhouette

The Sea Silhouette collection comprises of nautically themed spray features that send children on a deep-sea odyssey. Scaled for big adventures, they often serve as the focal point of your Splashpad®.

Discover the entire collection at vortex-intl.com



A deep-sea adventure!

Create captivating seafaring scenarios with these highly creative designs! Fully immersive, each elevated product remains slightly abstract, encouraging little ones to exercise their imaginative faculties.





JBR The Walk | Dubai, U.A.E.

Contemporary

The Splashpad® Contemporary collection features an extensive list of sleek, urban designs that integrate into any landscape.

Each product sprays, rains, and twists with signature energy. The whimsical shapes put on a water ballet of sorts, introducing little ones to the dynamism of aquatic play.

Discover the entire collection at vortex-intl.com

A modern dance

Combining overhead water events with exciting cannon sprays, the Contemporary collection inhabits your Splashpad® with various sensations and high interactivity. Complementing the products, SeeFlow™ accessories move water in magical ways while projecting imaginative patterns below.



Bamboo Twin Cannon



Bamboo Ring



Camping Panorama du Pyla | La Teste-de-Buch, France

Classic

The Classic collection consists of water events that range from contemplative to fully immersive. Some are exploratory; others, more kinetic or sensorial. Combining these experiences in different ways helps you attract a wider demographic and extends engagement times.

Discover the entire collection at vortex-intl.com

A full spectrum of play experiences

The Classic collection boasts all the iconic, interactive features that make Splashpad® so dynamic. Water domes, Spray Loops, dumping buckets, and misty archways provide the little ones with a full spectrum of play experiences.



Aqua Dome n°1



Rainbow n°2

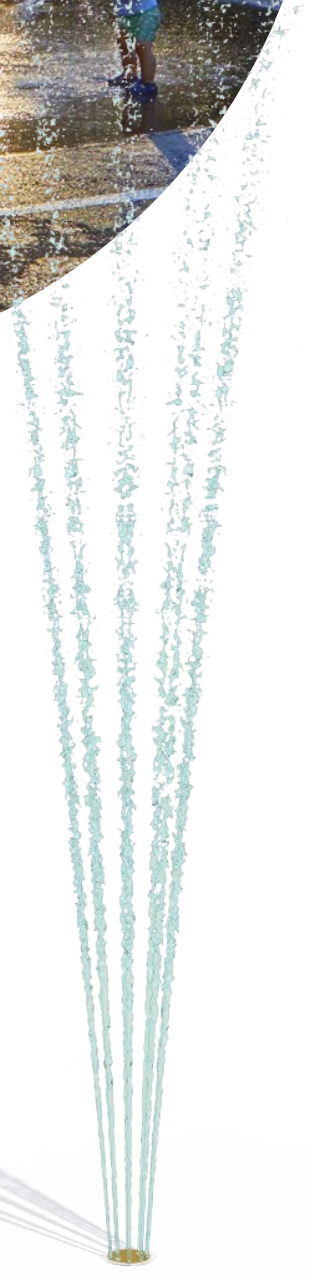


Ayuntamiento Onati | Onati, Spain

Ground Sprays

As the collection name suggests, these sprays propel from the surface level of the Splashpad®. Beautifully choreographed effects range from soft mists to powerful volcanoes. The discrete designs help build anticipation and promote active play.

Discover the entire collection at vortex-intl.com

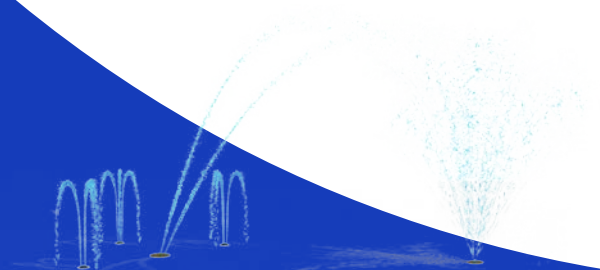
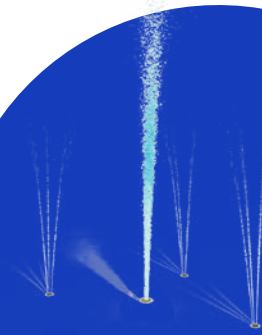
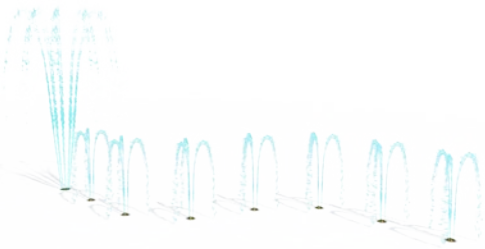


The magic of water play

Ground-level jets keep kids engaged—with the Ground Sprays collection, geysers, water tunnels, directional jets, and more join forces to showcase the many ways water moves. The versatile water effects bring your Splashpad® to life.



Water Wall n°1



Directional Jet n°1



Den Bla Planet Aquarium | Copenhagen, Denmark

A photograph of a large, white, sculptural play structure with a blue, water-filled channel running through it. The structure is a large, angular, white sculpture with a blue, water-filled channel running through it. The water is splashing and creating a dynamic, flowing effect. The structure is set on a dark, textured ground.

Water Journey™

Water Journey™ consists of 7 unique play products. Each one invites children to manipulate their surroundings as they would in the great outdoors. These ground-level designs can stand alone as singular formations or be combined to create integrated experiences.

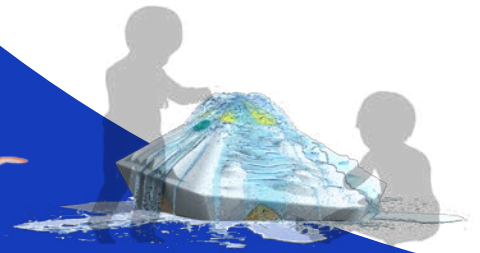
Discover the entire collection at vortex-intl.com

Nature's way to play

Combine the tranquil sensations of a zero-depth Tide Pool with the competitiveness of an exciting Water Race. Let the Labyrinth's current guide the little ones toward the Jet Dance's misty landscape. Or, enhance your Splashpad® with Pico, Alto, and Hop—highly tactile water events inspired by mountains and steppingstones!



Alto n°2



Tide Pool

Playable Fountains

by  VORTEX



Pioneer Park | Mesa, Arizona, USA





Playable Fountains

by  VORTEX

Showtime meets playtime

Playable Fountains use unique day and night sequences to marry spectatorship and family engagement. The solution's numerous configurations feature a slew of exciting games to keep kids moving. And once the sun sets, choreographed LEDs transform your playscape into a dazzling light show.

See our Playable Fountains projects at vortex-intl.com

All-in-one designs

An innovative twist on the dry-deck fountain, Playable Fountains comprise of individual jets with embedded LEDs and different nozzle types that create a wide range of water effects. The unique solution makes installation easy, configurations creative, and sequencing possibilities near-endless.

Tailor-made aquatic spectacles

Thanks to its easily programmable jets, Playable Fountains help your facility transform and evolve over time. Design a highly themed attraction, integrate your IP, and create stylized experiences for specific events and holidays.

Key Benefits



Designed for zero-depth



Scalable over time



Fully customizable

Safe and accessible

“Playable” doesn’t just imply fun; it also means safe. Surfaces are non-slip and maintain a cool temperature on sunny days. Moreover, guaranteeing the comfort of younger explorers, jets produce softer water effects while programming creates sequences with low water velocity.



Sunup

Programmed for exciting aquatic games, Playable Fountains create interactive, multi-sensory journeys for families visiting parks, community centers, hotels and resorts, campgrounds, and commercial spaces.



Sundown

The fountains offer a fully immersive, high play-value experience, but one that puts spectacle front and center. LED lights, magical water choreography, and music synchronization options keep crowds engaged after dark.



Elevations™

by VORTEX



Playa Montroig Camping Resort | Taragona, Spain





Multi-level water playgrounds

Elevations™ condense the excitement and diversity of an entire waterpark into a complete multi-story play zone. Fully customizable, these all-in-one designs employ a vast array of interactive water features, engaging kids on all levels.

See our Elevations™ projects at vortex-intl.com



Royal Caribbean International | Perfect Day at CocoCay, Bahamas

Endless design possibilities

Elevations™ offer a wide spectrum of theming and brand-integration opportunities. Draw in a crowd with a pirate ship adventure, transform your water playground into a tropical rainforest, or discover PlayNuk—a complete Elevations™ solution geared toward toddlers and preschoolers.

Water structures that boost engagement

Every Elevations™ feature has been meticulously designed to optimize engagement on all levels. The force and flow of water streams, the choreography of small footsteps around each deck—built into every nook and cranny is a play event yielding higher traffic, longer stays, and return visits.

Key Benefits



Designed for zero-depth and pools



Easy facility integration



Pre-engineered or custom designs



Grove Resort & Spa | Orlando, Florida, USA

Elevations™

Draw in a crowd with a pirate ship adventure, transform your water playground into a tropical rainforest, or take the little ones on an interplanetary journey. Elevations™ offer a full spectrum of theming opportunities that make brand integration easy.

Discover the entire collection at vortex-intl.com

Give your imagination free rein

Suited for pools, zero-depth play areas, indoor facilities, or outdoor attractions, Elevations™ range anywhere from the size of a small jungle gym to a sprawling aquatic destination! Fully customizable, the solution features dozens upon dozens of interactive play events to make your own.





Optimized adventure in every square foot

Designs combine the anticipation of dumping water buckets, the rush of water slides, the competitive spirit of spray cannons, and so much more. Built to your facility's specs, these imaginative configurations breathe life into amusement parks, hotel and resorts, campgrounds, and municipal aquatics centers.



Inspired designs





Parc Valois | Pointe-Claire, Quebec, Canada

PlayNuk

Within the Elevations™ family, PlayNuk is distinct in that it's a preconfigured design. Every one of its high play-value accessories is in place the moment it arrives. It's an all-in-one experience that doesn't require accessory shopping or guesswork.

Discover the entire collection at vortex-intl.com

Packed with play for younger explorers

Identifying a play-gap in the 2-5 age group, Vortex's designers sought out a new breed of Elevations™. PlayNuk scales down accessories, softens sprays, and adds more lower-level interactions to make accessibility easy for younger adventurers.



Waterslides

by  VORTEX







Waterslides

by  **VORTEX**

Make a bigger splash

Get every family member off the beach towel and into the water. Offering a complete line of standard and custom solutions for all ages, Vortex Waterslides offer smooth, comfortable rides with exceptional manufacturing and durability.

See our Waterslides projects at vortex-intl.com



Center Parcs - Domaine Le Bois aux Daims | Morton, France

Equipped for all age groups

Tykes, teenagers, parents—water moves us all! While Vortex offers its fair share of thrill slides, it also understands that facilities need to attract younger families with colorful options for the 0-12 age group.

PrecisionRide™ technology

Vortex employs PrecisionRide™ technology, a molding process that provides an incredibly high strength-to-weight ratio. Offering guests the smoothest possible ride, PrecisionRide™ slides are practically frictionless with long-lasting finishes. Premium gelcoats maintain slide color season after season.

Key Benefits



Designed for zero-depth and pools



Easy facility integration



Pre-engineered or custom designs



Laurie-Eve-Cormier Aquatic Center | Boucherville, Quebec, Canada

Family Slides

Vortex understands that shared experiences leave a bigger impact. Its Family Slides optimize play between different age groups. More family interaction means more return visits to your inclusive destination.

Discover the entire collection at vortex-intl.com

Raft Slides

Raft Slides optimize splashes and excitement, but at the same time keep younger passengers comfortable thanks to the smooth descent of rafts and tubes.



Classic Slides

Available in a wide range of configurations, these classic slides remain among the most versatile. Open or closed flume designs give your venue the twists and turns families are looking for.





Michigan's Adventure Half-Pint Paradise | Muskegon, Michigan, USA

Kids Slides

The more adventure you offer your pint-size visitors, the more incentive moms and dads have to make a return visit. Engineered specifically for younger guests, these designs accommodate those who may be slightly hesitant about their inaugural slide.

Discover the entire collection at vortex-intl.com

Wide Slides

Outstretched lanes let the little ones slide next to each other and even allow parents to ride along. Wide enough to accommodate four on a single turn, these attractions let everyone join in on the fun!



Classic Kids Slides

These body slides help kids graduate from toddler rides to the real deal. The designs offer just the right level of thrills while providing a safe and smooth ride.



Kids Racers

These side-by-side slides let kids race in safe and separate lanes. The designs give guests the speed they need without being too intense for first-timers.





Blue Heron Bay | Independence Lake, Michigan, USA

Thrill Slides

Keep lineups at the gate with thrill slides that cater to children, teens, and parents. Vortex's portfolio of greatest hits encourages valuable word-of-mouth and even more seasonal pass purchases!

Discover the entire collection at vortex-intl.com

Speed Slides

When it comes to speed, nothing beats these classic flume drops and snaking designs. Highly customizable, these Speed Slides bring in the crowds and keep the spectators gathered 'round.



Drop Slides

These versatile designs feature highly customizable drop-offs! They can be engineered for speed, sharp turns, and big plunges.



AquaTwist™

These highspeed, tubular body slides offer an exhilarating corkscrew sensation. The signature interlocking design promotes competition and catches the attention of your park's many thrill-seekers.



Water Management

by  VORTEX







Water Management

by  VORTEX

Sustainability-first designs

Vortex Water Management solutions help your facility go above and beyond environmental standards and regulations. They combine smart control systems that regulate flow, all-in-one water management systems that can recirculate or repurpose water, and on-demand activators that ensure water only flows when products are in use.

Learn more about Water Management at vortex-intl.com



Systems suited for all project types

Vortex playscapes employ either water recirculation or SmartFlow™ systems. Each design is specifically scaled for your project and engineered in Vortex's factory. They boast operating efficiency and the industry's highest water-treatment standards.

Be in control of every drop

At the heart of Vortex Water Management solutions are industry-leading control systems that orchestrate water flow based on customized sequencing. Remotely accessible, these control systems help you manage your resources with greater efficiency.

Key Benefits



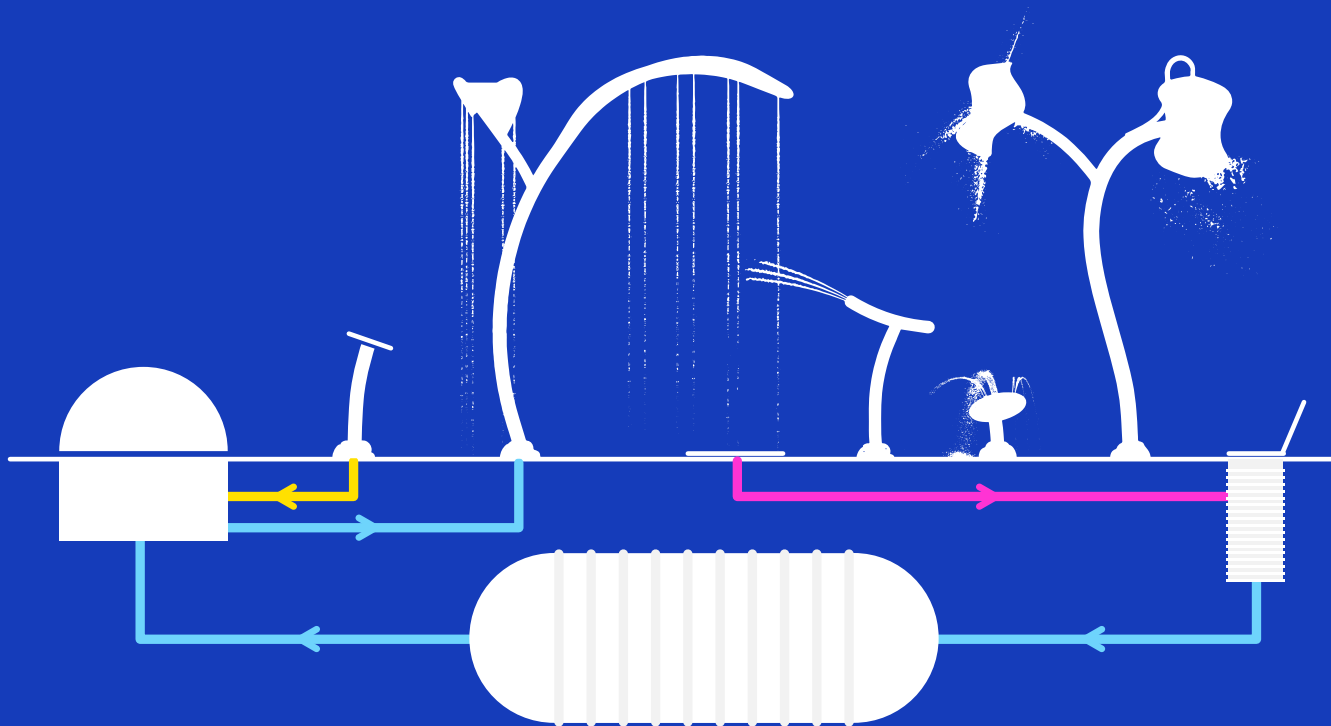
Remote access control systems



Sustainable systems



Pre-engineered or custom designs



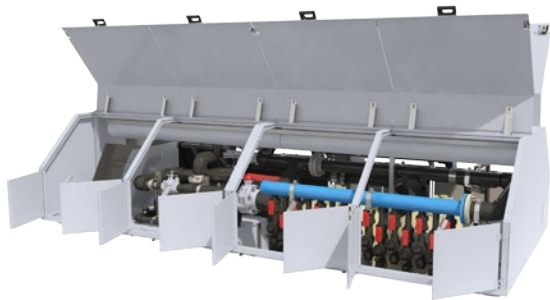
Recirculation

This closed-circuit system filters and reuses the very same water flowing from your play area. Simplifying installation and keeping quality top of mind, recirculation systems are engineered to your project requirements and factory built and tested.

Find out more about Water Management at vortex-intl.com

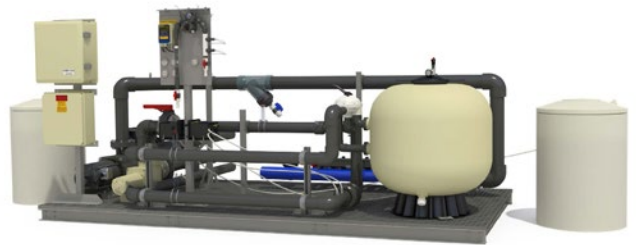
Recirculation Command Centers

Recirculation command centers consolidate essential water management components, including the water distribution system, controller, and filtration system. They disinfect while offering continuous water-quality monitoring. Distinct housing options are available:



Domepack Command Center

Durable and weatherproof, this enclosed command center easily blends into your playscape's surroundings. It's the perfect housing for outdoor facilities.



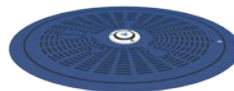
Modular Command Center

The feature loop, filter loop, and controller are all installed on-site in a modular system that saves space and makes access easy. It's even possible for the components to be preassembled onto a single fiberglass skid. These command centers are ideal for indoor facilities or playscapes with existing housing.



On-Demand Activation

Water only flows when users press the activator. Easy to operate. No moving parts.



PlaySafe™ Drain

Primary debris filter. Stainless steel, skid-resistant, and safe. High flow-rate capacity.



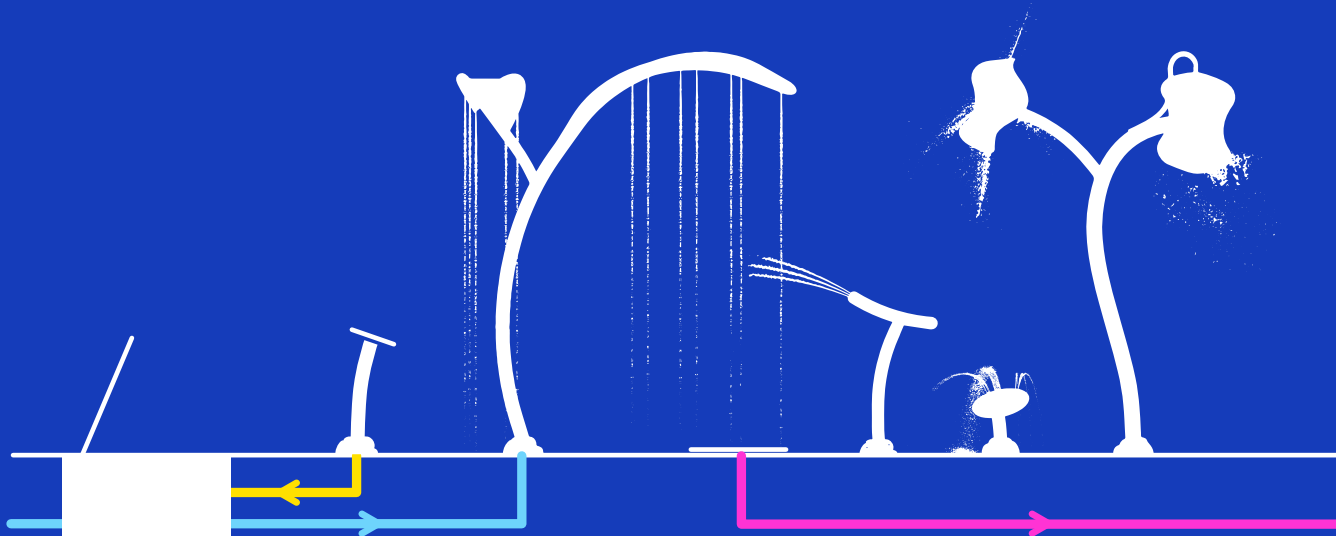
Debris and Rainwater Control

Strains effluent water. Rainwater Control maintains water balance and prevents chemical waste.



Water Containment System

Fully equipped, below-surface system in reinforced polymer. Lockable access hatch and ladder.



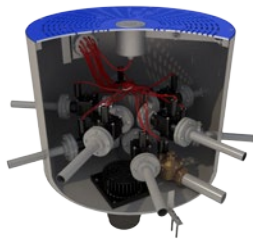
SmartFlow™

These systems make use of the potable water that runs through your play area. After releasing from your playscape, the effluent water returns to the municipal treatment system, or transfers into a holding tank and then gets repurposed to nourish vegetation.

Find out more about Water Management at vortex-intl.com

SmartFlow™ Command Centers

Available in four unique designs and housing options, these command centers combine the water distribution system and controller to make accessibility easy:



SmartPoint™ Command Center

Conveniently housed under the drain, the compact design accommodates a Splashpad® with 10 features or less. The all-in-one solution also serves as a foot activator.



Equipment Vault Command Center

Installed underground, this housing solution features a stainless-steel access hatch and stepdown grate.



Equipment Cabinet Command Center

Suited for both indoor and outdoor facilities, this stainless-steel cabinet ensures every component is within arm's reach.



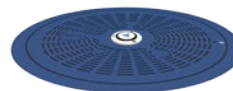
Wall Mount Command Center

Every component you need to access is mounted on easy-to-install wall brackets. The space-conscious solution is perfect for indoor facilities.



On-Demand Activation

Water only flows when users press the activator. Easy to operate. No moving parts.



PlaySafe™ Drain

Primary debris filter. Stainless steel, skid-resistant, and safe. High flow-rate capacity.



Vortex Remote Access

Maestro

INTELLIGENT WATER CONTROL

Maestro gives you full control of multiple water functions from a remote location. Activate features, orchestrate lighting, and synchronize sprays with a simple and intuitive user interface.

The control system can accommodate a single locale as well as an entire city.

Find out more about Water Management at vortex-intl.com



Remote access

Manage every one of your waterplay solutions from anywhere. With its remote-access capabilities, Maestro reduces the number of maintenance visits to your facility. Full online support keeps things running smoothly.



Customization

Control countless features with custom sequencing capabilities. Various timing and water patterns, LED lighting, and different effects create stunning choreography!



Resource management

This smart technology uses flow control, ensuring the right amount of water flows to each feature based on a defined sequence.

Exclusive Technologies

The details make the difference. Vortex solutions are bolstered by smart tech that enhances play experiences, elevates safety, and makes the expansion of your facility easier and more cost-effective.



ToeGuard™

Soft-touch elastomer design that protects toes from anchoring hardware. Available in one or two pieces.



SafeSwap™

Ground caps that facilitate product additions. Easily add future play elements, or move products from one location to another at a significantly reduced cost.



SeeFlow™

These creative accents combine bright colors, water, and sunlight to produce colorful reflections around the play-area.



PlayStart™ Activator

An on-demand activator that saves water. No moving parts and low voltage for safe fun. Two-wire connection makes installation easy.



PodSpray™

Sends water to another feature when stepped on or pressed. Connected features spin faster, spray farther, dance higher.



TwistNozzle™

Cost-effective control combines a foot activator, controller, water distribution system, and drain.



TurnTec™

Rotating play feature for kids of all ages and abilities. Adjustable spray zone lets you control the area where water starts and stops.



TwirlTec™

Create a spiraling overhead water effect by spinning the globe. The friction-free design teaches cause and effect.

Discover all our Exclusive Technologies at vortex-intl.com

World-class manufacturing

We practice lean manufacturing and use stainless and galvanized steel sourced from North America. We're vertically integrated for maximum quality control. Our warranties back up our commitment to building durable, safe aquatic play solutions. Matching the high standards set by our products, our lead times and delivery times are the best in the industry.

Certified to Globally-recognized Standards



ISO 9001:2015

Certified Quality Management Systems



CSA W47.1 (Canadian Welding Bureau)

Vortex complies with Canadian Standards (CSA) standards for Fusion Welding of Steel



EN 1090-1

Vortex Factory Production Control is EN 1090-1 certified



UL 508A

"Enclosed Control Panel Builder Certified" (FILE# E179407)

Conforming to Industry Standards



CSA Z614-14

The Canadian Standards Association for Children's Playspaces and Equipment



EN 1176

Vortex conforms to the European Standards for Playground Equipment and Surfacing administered by DIN



ASTM F2461-18

The American standard for Manufacture, Construction, Operation and Maintenance of aquatic play equipment



AS 4685:2004

Australian Standards for Playgrounds including design, installation, maintenance, and operation of playgrounds



Member of IPEMA

A third-party Product Certification service for U.S. and Canadian public play equipment



CE

Vortex play products adhere to the European Union directives and standards



Local representation

At Vortex, we understand that no two projects are the same—it's why we put so much stock into local representation. With a sales force spanning each continent, and offices in the US, Canada, China, and Europe, we begin every collaboration by getting to know the families you're servicing and thinking creatively about how we can help them grow. No matter where you're situated, our customer service and expert guidance come equipped with an intuitive understanding of what sets your facility apart.



Installed by us

Our boots-on-the-ground installation approach ensures not only the quality of your final product but also oversees many other variables, including maintenance and winterization. Our certified installers take care of everything, such as refurbishments that save your facility money and costly resources. With Vortex, you don't simply get a winning design; you receive hands-on expertise that extends well past the ribbon cutting.

Our services



- ✓ Site and capacity planning
- ✓ 3D project design and construction documentation
- ✓ Installation and supervision by Vortex-certified installers
- ✓ Onsite training
- ✓ Ongoing maintenance packages
- ✓ Winterization and start-up services
- ✓ Customer care center and tech support
- ✓ Local representation and direct sales force in 5 continents

A sustainable approach

When you're designing for future generations, sustainability matters. Constantly innovating, we develop advanced water management systems that reduce water and energy consumption. Built to last, everything from our aquatic play solutions to our catalogs is made with durable materials and a commitment to responsible forestry.





vortex-intl.com

Vortex Aquatic Structures International
info@vortex-intl.com

1.877.586.7839 (USA & Canada)
+1.514.694.3868 (International)

© 2019 Vortex Aquatic Structures International