



VORTEX

**A CLEAR
SOURCE
OF
FUN**

CELEBRATING

20 YEARS

OF AQUATIC PLAY
INNOVATION

1995-2015





**WE
INNOVATE
RELENTLESSLY
SO YOU
CAN HAVE
ALL THE
FUN**

VORTEX AQUATIC STRUCTURES INTERNATIONAL INC. IS THE WORLD LEADER IN AQUATIC PLAY LANDSCAPES AND ENTERTAINMENT. WITH INSTALLATIONS AT MORE THAN 6,000 LOCATIONS AROUND THE WORLD IN PUBLIC, COMMERCIAL AND ENTERTAINMENT SETTINGS, 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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INDUSTRY DESIGN LEADERS



Vortex's aquatic play solutions continue to be recognized by the prestigious **DREAM DESIGN AWARDS**, awarded by Aquatics International, the leading media network in the industry.

2013

- + THE RAY AND JOAN KROC CORPS COMMUNITY CENTER
- + NACPRO AWARD — BLUE HERON BAY

2012

- + CUMMING AQUATIC CENTER
- + GRAND PRAIRIE AQUATICS AND MULTIPLEX
- + SKIATOOK CENTRAL PARK SPLASHPAD®
- + STEPHEN SORENSEN PARK

2011

- + BENTLEY PARK SPLASHPAD®
- + KROC CENTER
- + MACDONALD ISLAND PARK

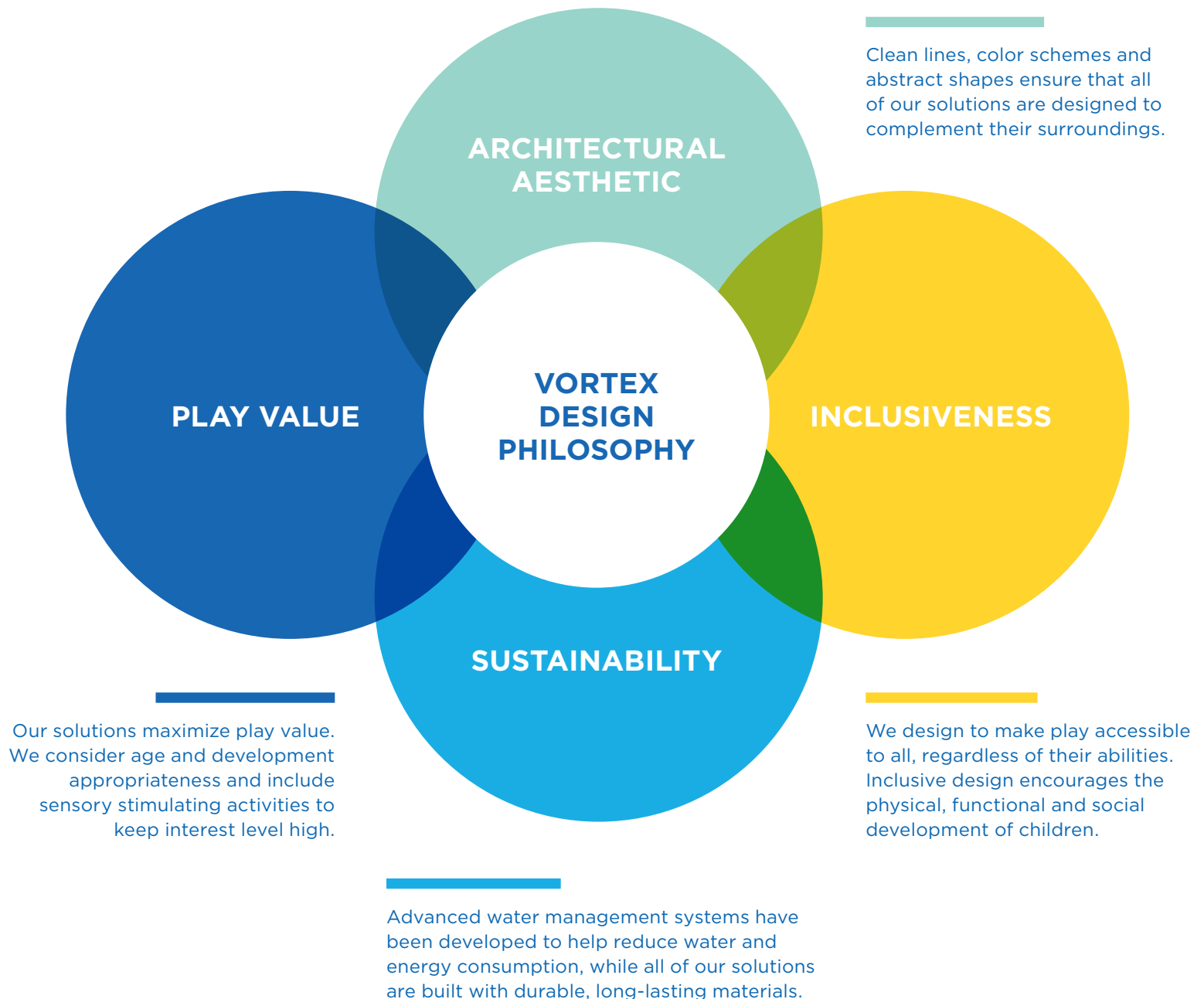
2010

- + KIDS LOVE RECREATION SPLASHPAD®
- + CRYSTAL BEACH AQUATIC CENTER
- + CITRUS COMMUNITY PARK SPLASHPAD®

2009

- + JEFFERSON, MCKINLEY AND SOUTH PARK
- + OTHELLO COMMUNITY POOL

OUR DESIGN PHILOSOPHY





Visitors to the Splashpad® come from other communities and even other states. It is not unusual to have 3 or 4 bus loads of children visit the Splashpad® daily.

DEBBIE BOTTOROFF

ASSISTANT CITY MANAGER | CITY OF GROVE, OKLAHOMA, USA

MUNICIPALITIES



.....
PARKS, URBAN AREAS, PUBLIC SPACES,
COMMUNITY POOLS, WADING POOLS



VORTEX

A CLEAR SOURCE OF VALUES

Why communities choose
Vortex Aquatic Play Solutions:



BRINGS COMMUNITIES TOGETHER

Designed for inclusive play and fun for all
ages and abilities



SUSTAINABLE AND ECO-FRIENDLY WATER MANAGEMENT

Efficient water management systems reduce
water consumption and energy costs



DESIGNED FOR SAFE PLAY

Includes industry leading innovations
developed to ensure safe play



INTEGRATES WITH ANY LANDSCAPE OR FACILITY

Can be any shape, with features
and colors that complement the
surrounding environment







So far we have done three projects with Vortex that included both Splashpads® & Elevations™ and all have been a huge success. Not only have we been able to increase market share and room rates, but the kids love having their own play space and the dumping bucket is an exciting attraction for everyone to enjoy.

ANDREW CASCI

DIRECTOR OF SPORTS & RECREATION | SHANGRI-LA HOTELS & RESORTS

COMMERCIAL

HOTELS & RESORTS, WATER PARKS,
AMUSEMENT PARKS, FAMILY ENTERTAINMENT
CENTERS, HOME OWNERS ASSOCIATIONS



VORTEX A CLEAR SOURCE OF AMAZEMENT

Why commercial facilities choose
Vortex Aquatic Play Solutions:



ATTRACTS FAMILIES

Designed for all ages to increase attendance
for a rapid return on investment



KEEPS GUESTS ONSITE

Interactive play enhances guest experience
and keeps families on site longer



ENCOURAGES REPEAT VISITS

Creates everlasting memories that bring
families back again and again



COMPETITIVE ADVANTAGE

Over 250 diverse features to make your
facility unique and spectacular





BIG4 SWAN HILL | VICTORIA, AUSTRALIA



Splashpads® have become a huge draw, not only within the neighborhoods, but across the city. So far, we are seeing about a four-fold attendance increase in each location compared to the pools.

CURTIS HANCOCK

PROJECT MANAGER | TACOMA, WASHINGTON, USA

Splashpad[®]

BY /  **VORTEX**

Splashpad[®]

SPECTACULAR FUN

A Splashpad[®] is a dynamic, zero-depth aquatic play area that provides endless hours of fun for the entire family. Splashpad[®] combines the sensations of different water movements—flowing, misting, and jetting—with over 250 diverse features for an unequalled aquatic play adventure.





THE ARBORETUM | WALSALL, UK



SOCIAL ENGAGEMENT

Brings people of all
ages together to create
engaged communities.



PARC DE LA CITÉ | LONGUEUIL, QUEBEC, CANADA



SUSTAINABLE AND ECO-FRIENDLY

Innovative recirculation and capture & repurpose water management systems reduce water consumption.



CENTRE NAUTIQUE ARCHIPEL | VILLE DE PONT DE VAUX, FRANCE



DESIGNED FOR SAFE PLAY

Zero-depth spaces
eliminate drowning risk and
staffing needs.



J.E.A. BERNARDIN | VAUDREUIL-SUR-LE-LAC, QUEBEC, CANADA



STIMULATES IMAGINATION AND CREATIVITY

Unscripted free play
encourages children to create
their own play experiences.



CENTRE NAUTIQUE DU RHÔNE | LYON, FRANCE



INTEGRATES WITH SURROUNDINGS

Splashpad® feature and color options ensure that they always complement the surrounding landscape and facilities.



RECREATION CENTRE PAPROCANY | TYCHY, POLAND



MAINTAIN INTEREST OVER TIME

Light mists, jets, flowing and sprinkling effects combine to keep play experiences fresh and entertainment value high.



PARC MEYRIN | MEYRIN, SWITZERLAND



FLEXIBLE AND EXPANDABLE

Can be big or small to fit any space and budget, and future play elements can be added.



PARC CHANTE BOIS | BLAINVILLE, QUEBEC, CANADA

A photograph of a man in a wheelchair and a woman playing on a water play structure. The man is in the foreground, sitting in a blue wheelchair and pedaling a blue exercise bike. He is shirtless and wearing camouflage shorts. The woman is standing behind him, holding the handlebars of the bike. She is wearing a dark tank top and is smiling. The water play structure has orange and blue components, including a large blue umbrella-shaped showerhead that is spraying water. In the background, there are green trees and other children playing in the water. A blue circular overlay is on the right side of the image, containing text.

DESIGNED FOR INCLUSIVE PLAY

Encourages physical, functional
and social development in
children of all abilities.



RECREATION CENTRE PAPROCANY | TYCHY, POLAND



ENHANCE WITH LIGHTING

Lighting elements extend the hours of usage and create a stunning architectural piece during evening hours.

BLOOM N°1

- ▶ Play with or dodge the twirling water streams
- ↻ Create spiraling water effect by rotating the Twirltec™
- 🌀 See the water spiral on its own with the Twirlflow™



Splashpad®

NATURE FLOWERS

- 1 VOR-7487 BLOOM N°2 2 VOR-7772 SILHOUETTE N°1 3 VOR-7486 BLOOM N°2 4 VOR-7486 BLOOM N°1 5 VOR-7631 AQUALIEN POWER FLOWER N°1
 6 VOR-7582 WATERBUG N°3 7 VOR-7719 LOOP N°1 8 VOR-7032 WATER JELLY N°3 9 VOR-7557 FLOWER N°5 10 VOR-7779 SEAWEED N°1
 11 VOR-7549 FLOWER N°1 12 VOR-0519 SPRAY LOOP 13 VOR-0305 DIRECTIONAL WATER JET 14 VOR-7672 LEAF N°3 15 VOR-0519 SPRAY LOOP





FISH N°1



Gentle
water effect



Rotates for added
play value



Seeflow™ tail makes
it easy to turn



Splashpad[®]

OCEAN SILHOUETTES



- 1 VOR-7682 SEA SILHOUETTE LANTERNFISH 2 VOR-7772 SILHOUETTE N°1 3 VOR-7218 FISH N°1 4 VOR-0304 WATER TUNNEL N°1
 5 VOR-7691 SEA SILHOUETTE OCTOPUS 6 VOR-7208 CRAB 7 VOR-7689 SEA SILHOUETTE TURTLE 8 VOR-7512 JET STREAM
 9 VOR-7779 SEAWEED N°1 10 VOR-7684 SEA SILHOUETTE SEAHORSE 11 VOR-7780 SEAWEED N°2



ORBIT



Cross through the misty water effect for an instant soak



Encourages different types of game playing



Splashpad[®]

URBAN LIFE



- 1 VOR-7581 WATERBUG N°2 2 VOR-7398 ORBIT 3 VOR-0555 AQUA DOME 4 VOR-7395 PLUX CANE 5 VOR-7030 TOT TWISTER
 6 VOR-0220 TUBE N°1 7 VOR-7372 THREE BELLS N°1 8 VOR-0535 ANGLED TWISTER 9 VOR-7640 TEAM SPRAY N°1 10 VOR-7395 PLUX CANE
 11 VOR-0309 WATER TUNNEL N°2 12 VOR-7720 BAMBOO CANNON N°3

A young child is seen from the side, looking up at a large, green, flower-shaped water fountain. The fountain has multiple petals, and water is spraying from them. The child is standing in the water, and their face is wet. The background is a lush green park with trees.

AQUALIEN POWER FLOWER N°1



Immersive experience
under falling water



Engage with this
feature by increasing
water flow with the
ground Podsprays™



Encourages
collaborative play



Splashpad[®]

NATURE POND

- 1 VOR-7631 AQUALIEN POWER FLOWER N°1 2 VOR-7216 TURTLE N°2 3 VOR-7578 SUNSPRAY N°1 4 VOR-7389 AQUALIEN FLOWER N°3
5 VOR-7200 FROG N°1 6 VOR-7659 FROG N°6 7 VOR-7516 SPLIT STREAM 8 VOR-7538 CATTAIL 9 VOR-7512 JET STREAM
10 VOR-7782 CATTAIL TWIRL 11 VOR-8061 TEAM SPRAY N°2 12 VOR-7781 SEAWEED N°3 13 VOR-7538 CATTAIL



SAILBOAT N°1



Interactive water effects provide various play opportunities



Identifiable theme stimulates storytelling play experiences



Turn mast with Twirltec™, catch the wind and pretend to sail



Splashpad®

OCEAN SAILING



- 1 VOR-7220 CRAB N°2 2 VOR-7010 WATER JELLY N°1 3 VOR-7581 WATERBUG N°3 4 VOR-7218 FISH N°1 5 VOR-7671 SAILBOAT N°1
 6 VOR-8084 FOAMING GEYSER 7 VOR-7218 FISH N°1 8 VOR-7779 SEAWEED N°1 9 VOR-7673 BOW N°1 10 VOR-0525 SEA SERPENT N°2
 11 VOR-7781 SEAWEED N°3 12 VOR-7557 FLOWER N°5 13 VOR-7010 WATER JELLY N°1 14 VOR-7640 TEAM SPRAY N°1

Spraypoint®

BY /  **VORTEX**

Spraypoint®

WATER FUN ANYWHERE

Spraypoint® is a low flow solution that utilizes light mists and small directional water streams. This reduced and controlled water dispersion means you can introduce water play in almost any environment.





PALMENGARTEN | FRANKFURT, GERMANY



ARCHITECTURAL DESIGN

Contemporary,
nature-inspired, clean designs
fit in with any venue.



PALMA DEL RIO | CÓRDOBA, SPAIN



SAFE AND WELCOMING

Zero-depth creates a safe
space to play and eliminates
staffing needs.



BORDELEAU PARK | OTTAWA, ONTARIO, CANADA



MULTIPLE WATER EFFECTS

Light mists and directional jets help keep interest high and visitors staying onsite.



MISSION PLAYGROUND | SAN FRANCISCO, CALIFORNIA, USA



FITS ANY SPACE

Designed to bring water fun
to even the smallest areas.



WILLIBRORD PARK | VERDUN, QUEBEC, CANADA



PLAY AND STAY DRY

Multi-functional dry and wet zones encourage play and relaxation without bathing suits.



PALMENGARTEN | FRANKFURT, GERMANY



EFFICIENT WATER USAGE

Low flow water system
keeps water and energy
consumption and costs
to a minimum.



CAIN PARK | CLEVELAND HEIGHTS, OHIO, USA






VARIETY OF SHAPES AND COLORS

Colorful low flow solutions that create dramatic water effects and color-infused light patterns on the floor.



BAMBOO CANNON N°3

-  Provides high interactivity with low water consumption
-  Intuitive 360° rotation with no pinch point
-  Press on the ground Podspray™ to increase the range of its cannon jet



Spraypoint®

URBAN BAMBOO



1 VOR-7722 BAMBOO CANNON N°1 2 VOR-7728 BAMBOO N°9 3 VOR-7720 BAMBOO CANNON N°3 4 VOR-7721 BAMBOO CANNON N°2



BAMBOO Nº4



Provides high interactivity with low water consumption



Encourages dynamic play experience



Spraypoint®




NATURE BAMBOO



1 VOR-7724 BAMBOO N°5 2 VOR-7723 BAMBOO N°4 3 VOR-7724 BAMBOO N°5 4 VOR-7728 BAMBOO N°9 5 VOR-7727 BAMBOO N°8



LEAF N°3

-  Promotes movement and spatial awareness
-  Play under the water jets, cross through the water streams without getting wet, or hide underneath the leaf for an immersive play experience
-  Water streams flow straight down from an exclusive nozzle that can be adjusted on site to ensure a straight down rain effect is properly achieved



Spraypoint®

NATURE FOREST

- 1 VOR-7774 SILHOUETTE N°3 2 VOR-7780 SEAWEED N°2 3 VOR-7672 LEAF N°2 4 VOR-7657 LEAF N°3 5 VOR-7201 FROG N°2
6 VOR-7781 SEAWEED N°3





LEAF Nº2



Water streams flow
straight down



Create a haven oasis by
clustering leaves together



Spraypoint®




URBAN SILHOUETTE

1 VOR-7777 SILHOUETTE N°5 2 VOR-7773 SILHOUETTE N°2 3 VOR-7672 LEAF N°2 4 VOR-7774 SILHOUETTE N°3 5 VOR-7773 SILHOUETTE N°2





OMBRELLO

-  Creates an immersive play experience by standing under this play feature
-  Provides high interactivity with low water consumption
-  Seeflow™ material creates stunning colorful shapes on the floor when the sun shines



Spraypoint®

URBAN OMBRELLO



- 1 VOR-7441 OMBRELLO N°3 2 VOR-0305 DIRECTIONAL WATER JET 3 VOR-7447 OMBRELLO TWIRL N°2 4 VOR-7449 OMBRELLO SPIN N°2
5 VOR-0305 DIRECTIONAL WATER JET 6 VOR-7441 OMBRELLO N°3



The Elevations™ Super Splash proved to be a hit for adults and kids of all ages. The splash effect is brilliant. We feel that the overall experience with Vortex as our supplier was very positive.

ALON SHATIL

GENERAL MANAGER | EAST PARK GOLF GARDENS, LONDON, ONTARIO, CANADA

Poolplay™ & Elevations™

BY /  **VORTEX**

Poolplay™ & Elevations™

CREATE UNIQUE VISITOR EXPERIENCES

Poolplay™ elements can enhance your pool or lazy river to provide an engaging and fun environment for all ages. Elevations™ add an extra dimension to pools to offer multi-level adventure in a stimulating environment.





PARC BOSTALSEE — CENTER PARCS | SAARLAND, GERMANY



MODERN ARCHITECTURAL DESIGN

Styles and colors that blend
with or complement the
surrounding environment.



KROC CENTER | KAPOLEI, HAWAII, USA



OPTIONS FOR ALL POOL TYPES

Big or small, indoors or out,
Poolplay™ and Elevations™
are suitable for every facility.



CUMMING AQUATIC CENTER | CUMMING, GEORGIA, USA

A photograph of a modern water play area. In the foreground, there are several white poles with colorful umbrellas (orange, blue, red, green) that are spraying water. A yellow slide is also visible. The background is a two-story building with white siding on the upper level and brick on the lower level. A large window is visible on the brick section. A blue circular graphic is overlaid on the right side of the image, containing text.

RE-VAMP AND REFRESH

.....

Elevations™, water slides, cascades and lazy river features can revitalize your amenity.



DEL MAR AQUATIC CENTER | AURORA, COLORADO, USA



FLEXIBLE AND EXPANDABLE

Modular Elevation™
configuration fits any size
and location and can be
added to over time.



CRYSTAL BEACH PARK | WOODWARD, OKLAHOMA, USA



KEEP VISITORS ONSITE AND ENGAGED

With multiple water effects, including jets, buckets, activators, cascades and sprays, the fun never ends.



Elevations™

FOREST





Elevations™

WESTERN





Elevations™

TROPICAL





Elevations™

OCEAN





Elevations™

PIRATE





Elevations™

BRANDED THEMES

ELEVATIONS CAN BE CREATED WITH COLORS AND SHAPES THAT IDENTIFY WITH YOUR BRAND





The Water Journey™ is very popular with boys age six to eight – something we didn't expect. They like the science of it, and to see the impact on the water. Guests are bringing their own rubber duckies and boats to place in the water and watch the water flows.

BARBARA-LEA GRANTER

GENERAL MANAGER | GILROY GARDENS, GILROY, CALIFORNIA, USA

Water Journey™

BY /  **VORTEX**

Water Journey™

CREATE VIBRANT PUBLIC SPACES

Inspired by nature's flowing streams, Water Journey™ is a collection of 4 events providing different play experiences. Whether it is a single event or multiple connected together, Water Journey™ creates vibrant spaces inviting everyone to play, socialize or just contemplate.





DANCE WITH WATER

WITH JET DANCE



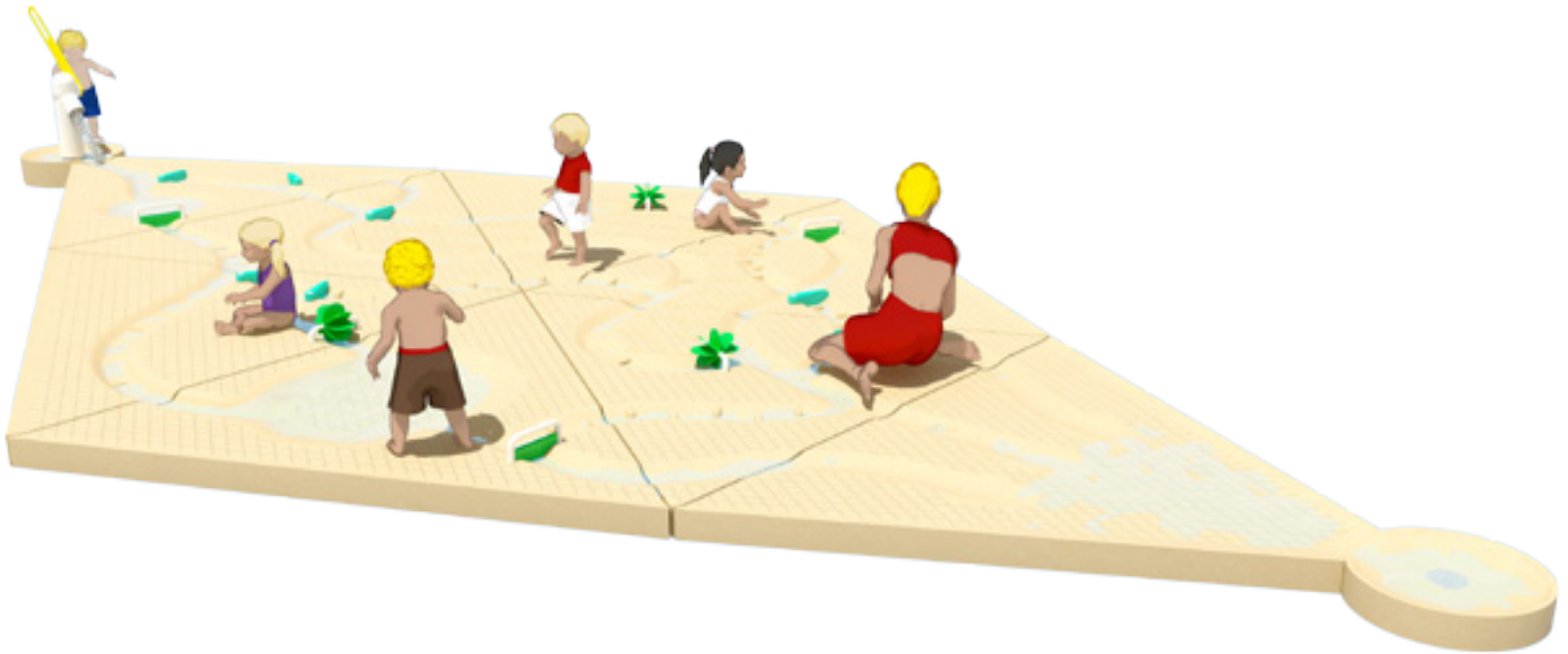
DIRECT WATER FLOW IN THE CHANNELS AND CHOOSE WHICH JETS ARE ACTIVATED

ACTIVATE MIST, BLOCK AND INTENSIFY OR ARCH WATER SEQUENCES BY DIRECTING WATER INTO THE ASSOCIATED DRAIN

PLAY AMONGST THE JETS ON THE SAND RIPPLE INSPIRED SURFACE



LEARN CAUSE AND EFFECT WITH LABYRINTH



ENGAGE WITH DIFFERENT LIFE-LIKE STREAM BEHAVIOR AS WATER ENCOUNTERS CREEKS, FLOOD PLAINS, RIPPLES AND CASCADES

MANIPULATE AND COORDINATE MANY GAME FEATURES

ENCOURAGE IMAGINATIVE PLAY BY INTRODUCING LOOSE OBJECTS LIKE BOATS, DUCKIES OR STICKS THAT FLOAT DOWNSTREAM



CHALLENGE AND COMPETE WITH THE RACE



RACE AND COMPETE WITH LOOSE FLOATING OBJECTS ON TWO CHANNEL TRACKS

CREATE AN ENGAGING AND IMMERSIVE EXPERIENCE BY MANIPULATING AND COORDINATING THE DIFFERENT INTERACTIVE FEATURES

STIMULATE IMAGINATION AND INTERACTIVE SOCIAL SKILLS WITH CHALLENGING RACES

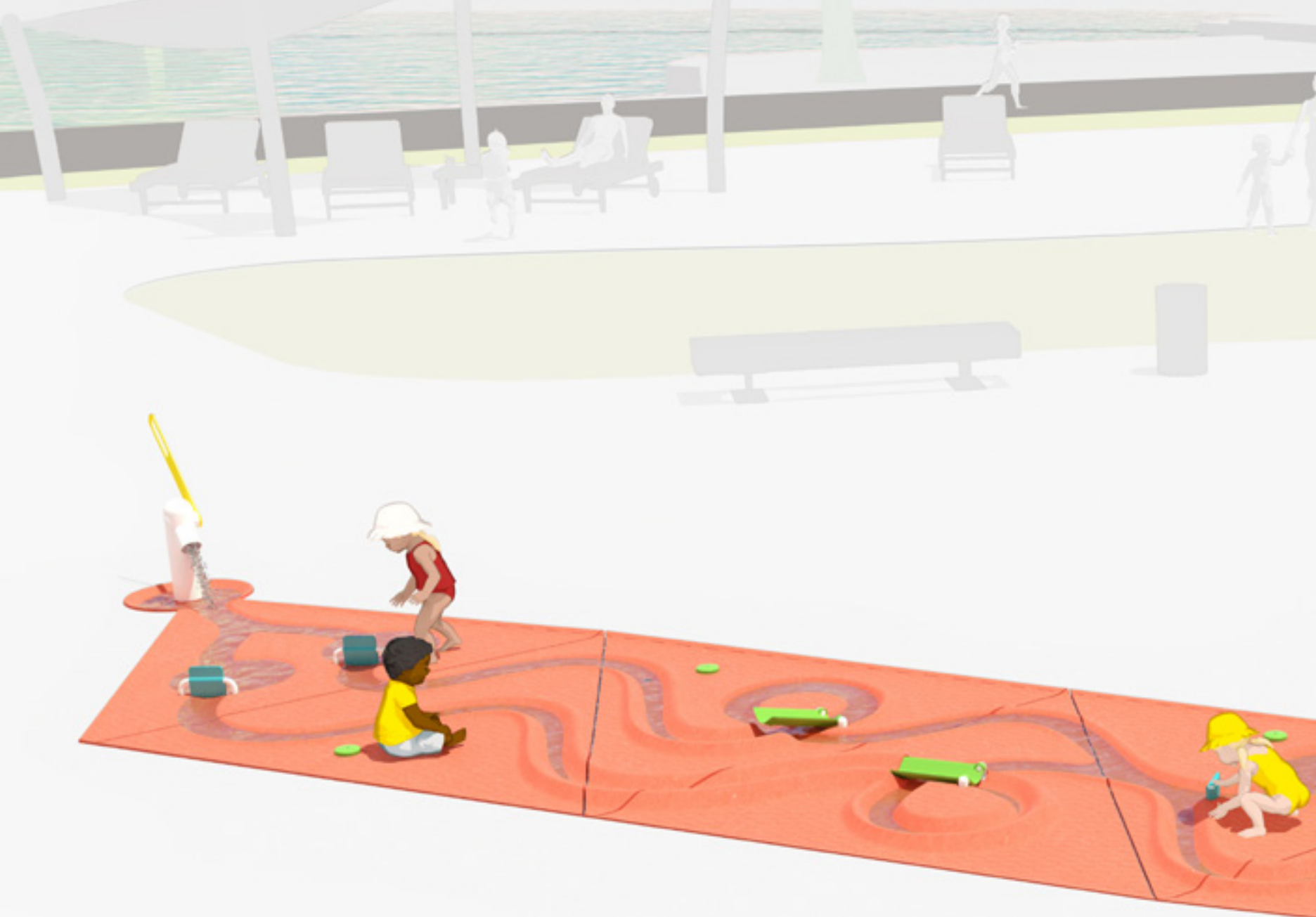


CONTEMPLATE AND RELAX WITH TIDE POOL



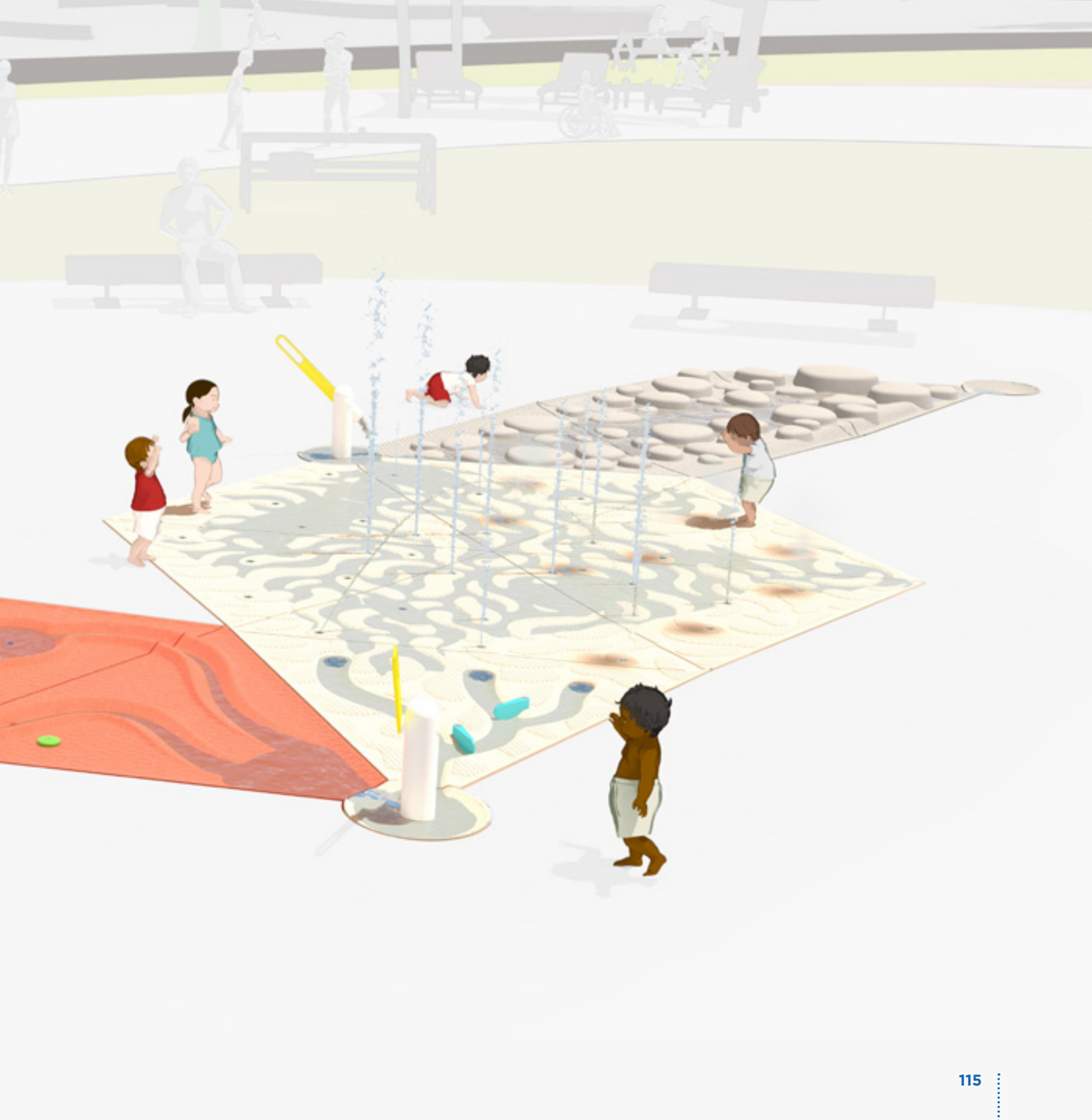
STEP OR SIT ON THE ROCKS OF **VARIOUS** SIZES AND SHAPES WHILE WATER COLLECTS INTO A SHALLOW POOL

UNWIND AND REFLECT AS THE SERENE WATER LEVEL RISES AND LOWERS

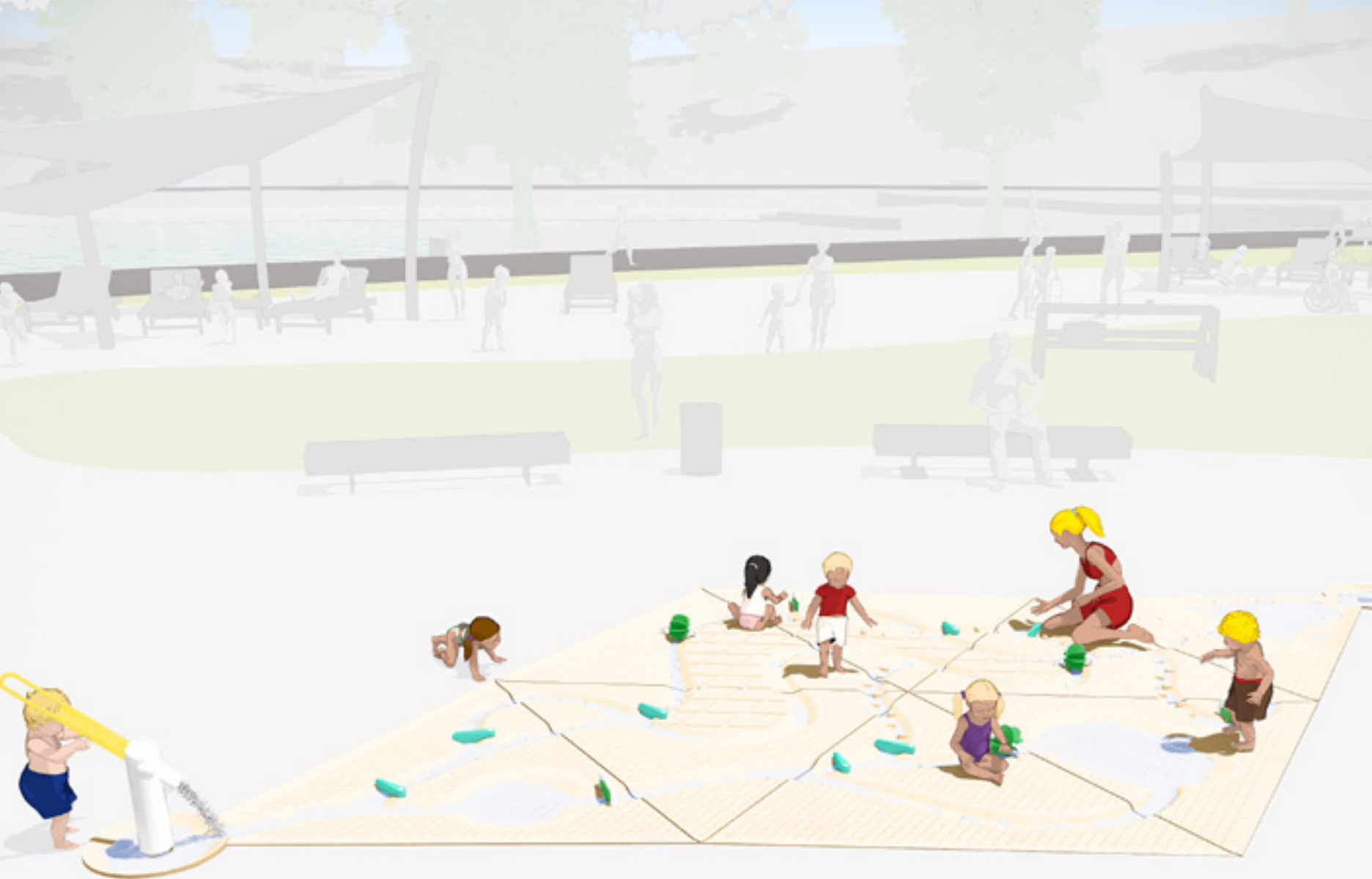


Water Journey™

**MULTIPLE EVENTS
CONFIGURATION**







Water Journey™

SINGLE EVENT





Water Journey™

**COMBINE WITH
SPLASHPAD®**



Environmentally sustainable design was important to us. A Water Management Solution that returns water to the water table was a cost effective solution.

J. DEAN JOHNS

PARK SUPERINTENDENT | HANFORD, CALIFORNIA, USA



WATER MANAGEMENT



WATER MANAGEMENT SOLUTIONS

DRIVEN BY SMARTFLOW™ TECHNOLOGY

Water management is a vital component to the success of an aquatic play project.

With options for any size, Vortex water management solutions are specifically engineered for your project. Vortex provides a range of sustainable water management solutions with the best operating efficiency and the highest standards of water quality in the industry. Vortex water management solutions meet and exceed all regional and environmental standards and regulations.

Vortex offers water management training and service plans.

WATER MANAGEMENT COMPONENTS

Vortex water management solutions feature Smartflow™ technology. This technology comprises of control systems that orchestrate water flow to play products based on sequences and timing, high efficiency nozzles that maintain fun while optimizing water usage, and on-demand activators that ensure that water is only flowing when the products are in use.

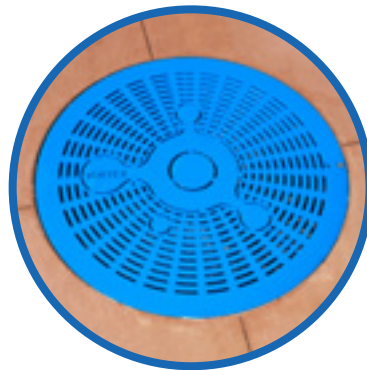
Together these elements combine to provide an efficient, eco-sensitive solution.

ON-DEMAND ACTIVATION



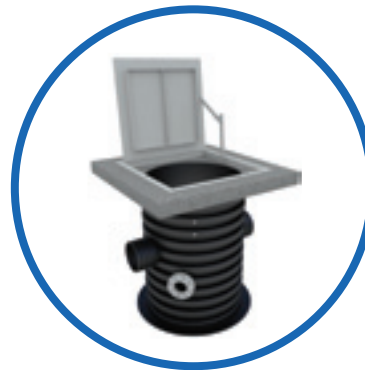
- On-demand means less water by turning water on only when users press the activator
- Robust construction with no moving parts
- Easy operation for kids of all ages & abilities

PLAYSAFE™ DRAIN



- Primary filter of debris
- Safe for small toes and skid resistant
- Stainless steel construction and high flow rate capacity

DEBRIS AND RAINWATER CONTROL



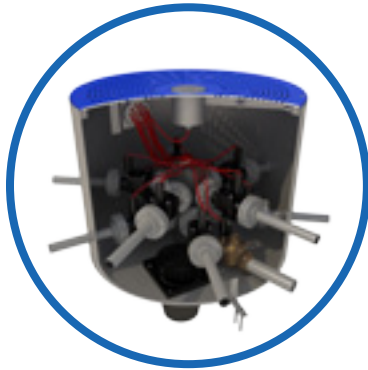
- Strains the effluent water prior to entering the Water Containment System for a cleaner reservoir and reduced maintenance
- Rainwater Control maintains water balance and prevents chemical waste by diverting rainwater

WATER CONTAINMENT SYSTEM



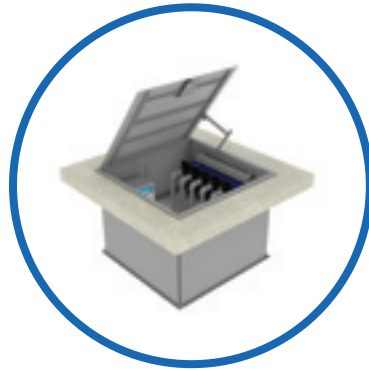
- Provides underground water storage
- Constructed of durable, long-lasting reinforced polymer
- Equipped with a lockable access hatch, access ladder, piping connections, make-up water system and check valves

COMMAND CENTERS



SMARTPOINT™ ALL-IN-ONE

- Cost effective control solution for Splashpad® or Spraypoint®
- Combines foot activator, controller, water distribution system and drain for simplified operation
- Used with flow-through, reuse or recirculation systems



EQUIPMENT VAULT

- Durable self-enclosed below-grade enclosure to keep equipment out-of-sight
- Stainless steel access hatch and step-down grate for easy access



EQUIPMENT CABINET

- Self-enclosed system with easy access to controller and valves
- Stainless steel frame construction for protection against vandalism and corrosion



WALL MOUNTED

- Ideal for housing inside an existing building
- Preassembled system with mounting brackets for easy installation

WATER QUALITY MANAGEMENT OPTIONS



State-of-the-art water filtration and disinfection system complete with a control command center and energy efficient equipment.



DOME PACK

- Self-enclosed compact solution with low profile design that discreetly blends into the surrounding environment
- Durable construction protects against weather and vandalism



SKID PACK

- Flexible solution configured to adapt to an existing building and fit into any space
- Three separate pieces: feature loop, filter loop and controller which are connected and installed onsite

RECIRCULATION

RECYCLE THE FUN

Recirculation is a closed circuit system that recycles and disinfects the water to and from the play area through the advanced Water Quality Management System (WQMS).

1

ON-DEMAND ACTIVATION

A user touches the activator sending a signal to the Command Center.

2

WQMS COMMAND CENTER (A)

The Command Center orchestrates water to the play products based on preset sequences and timing.

3

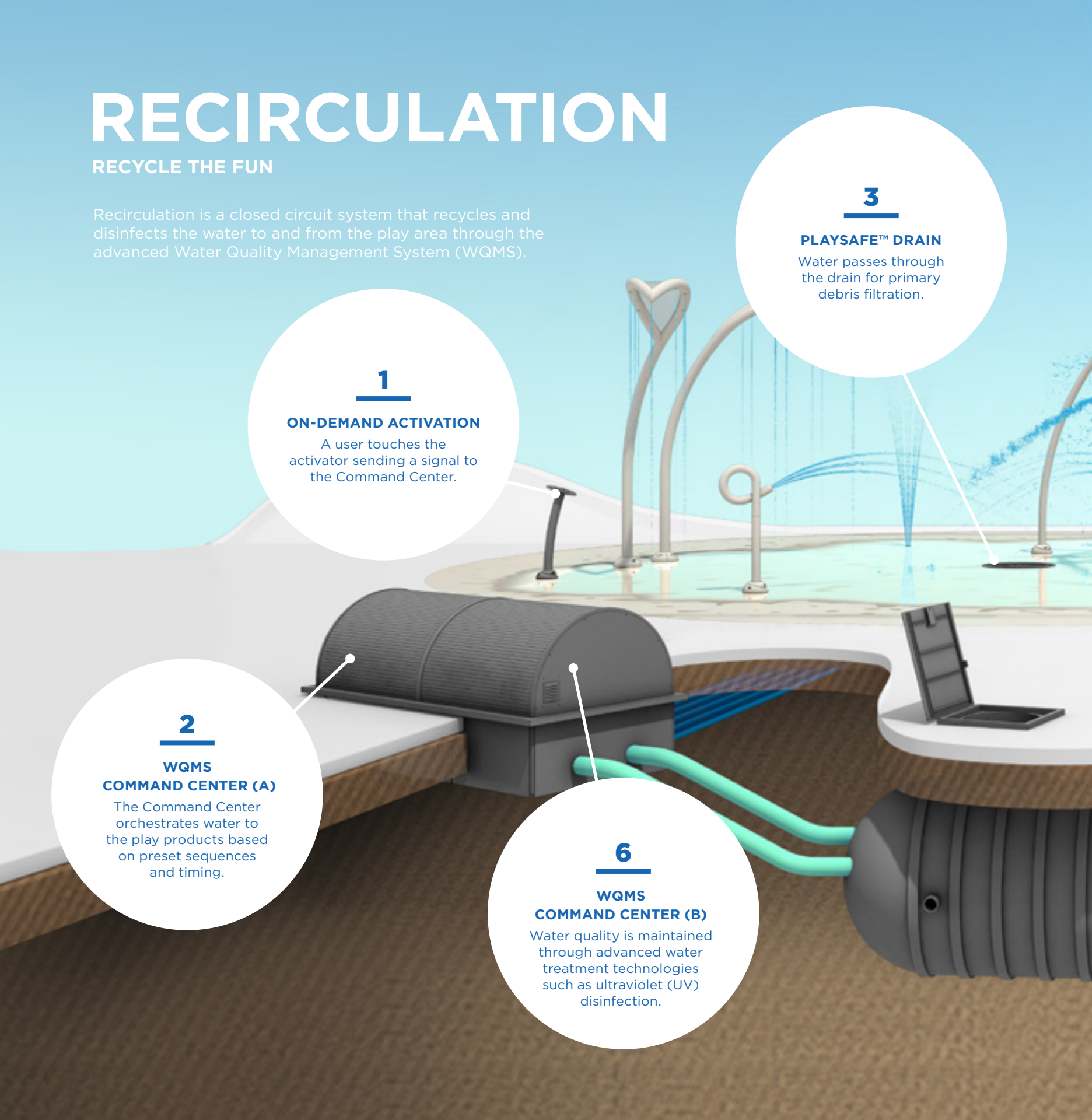
PLAYSAFE™ DRAIN

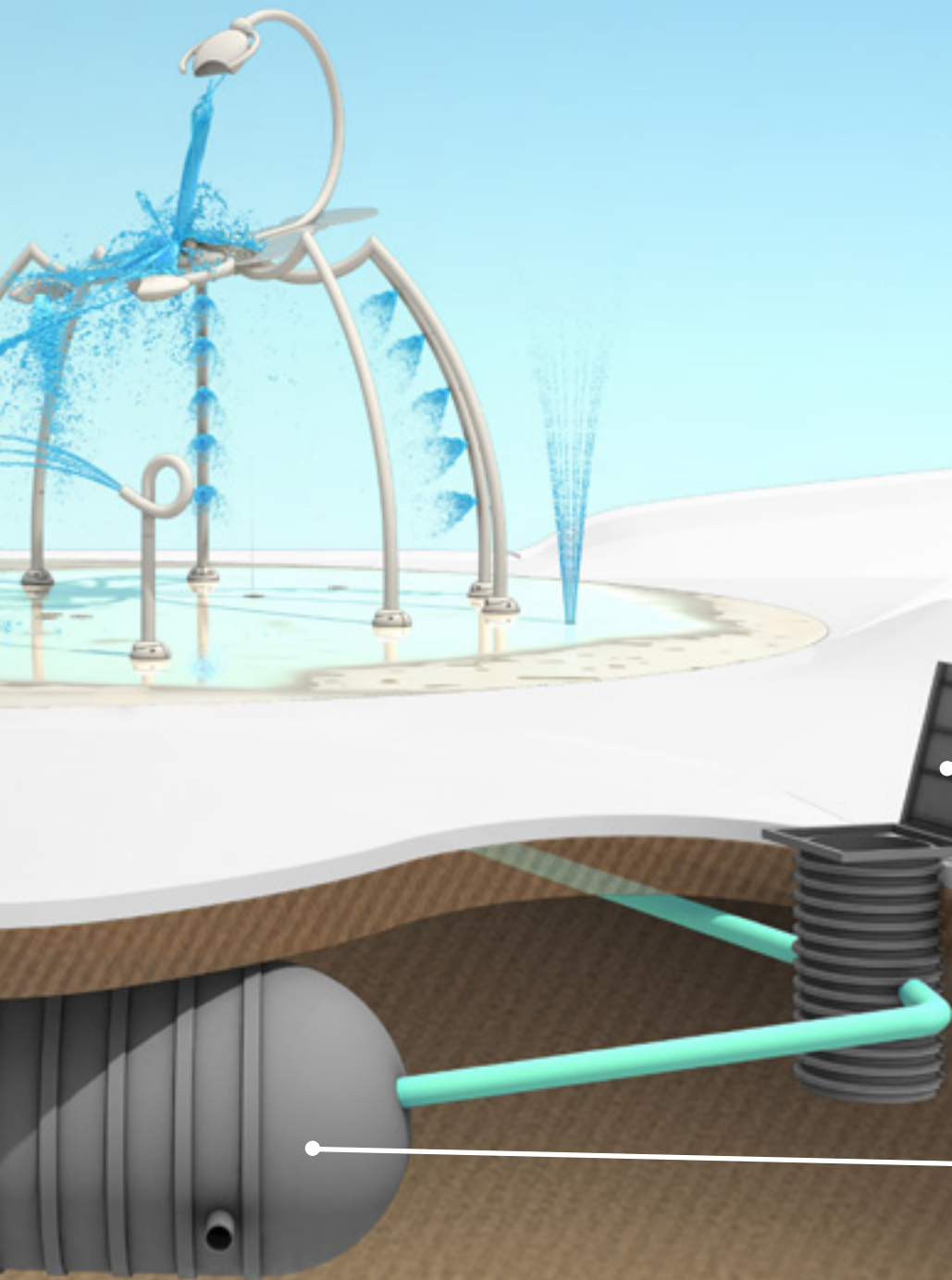
Water passes through the drain for primary debris filtration.

6

WQMS COMMAND CENTER (B)

Water quality is maintained through advanced water treatment technologies such as ultraviolet (UV) disinfection.





4

**DEBRIS TRAP AND
RAINWATER CONTROL**

Secondary filtration captures debris and rainwater control maintains water balance and prevents chemical waste for reduced maintenance costs.

5

**WATER
CONTAINMENT SYSTEM**

Water is transferred into the water containment system sized to project requirements for lower installation costs.

REPURPOSE

DOUBLE UP ON THE FUN

Vortex water repurposing systems are sustainable solutions that are designed to integrate with the overall project scope and needs by reusing the Splashpad® or Spraypoint® effluent water for surface or sub-surface irrigation. These systems are simple to operate and require minimal maintenance.

1

ON-DEMAND ACTIVATION

A user touches the activator sending a signal to the Command Center.

3

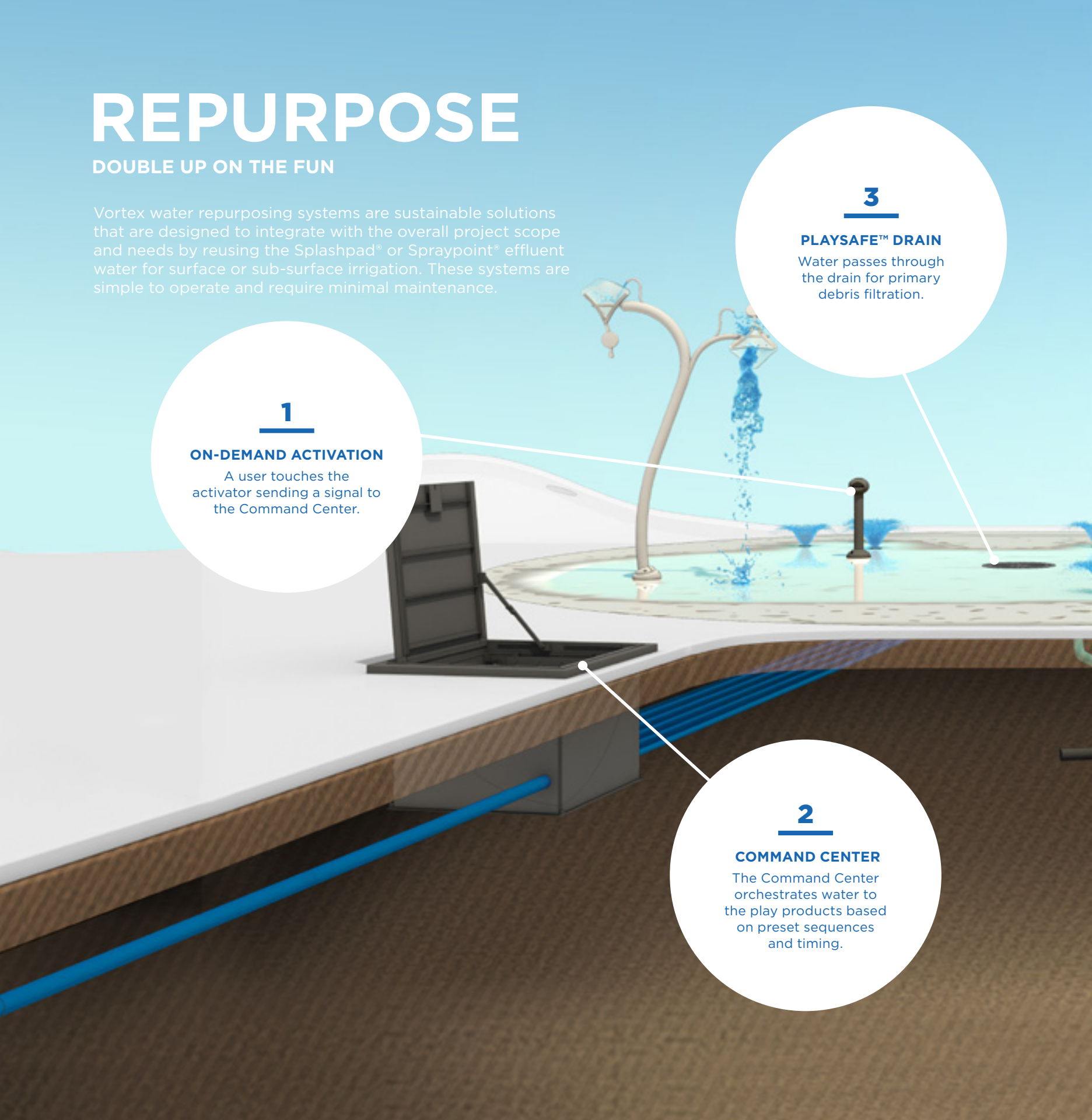
PLAYSAFE™ DRAIN

Water passes through the drain for primary debris filtration.

2

COMMAND CENTER

The Command Center orchestrates water to the play products based on preset sequences and timing.



4

WATER HOLDING TANK

Water is transferred to the Effluent Water Holding Tank.

5

**FILTRATION AND
DISINFECTION**

Water is then sent through the Filtration and Disinfection System as per local regulations for surface irrigation.

7

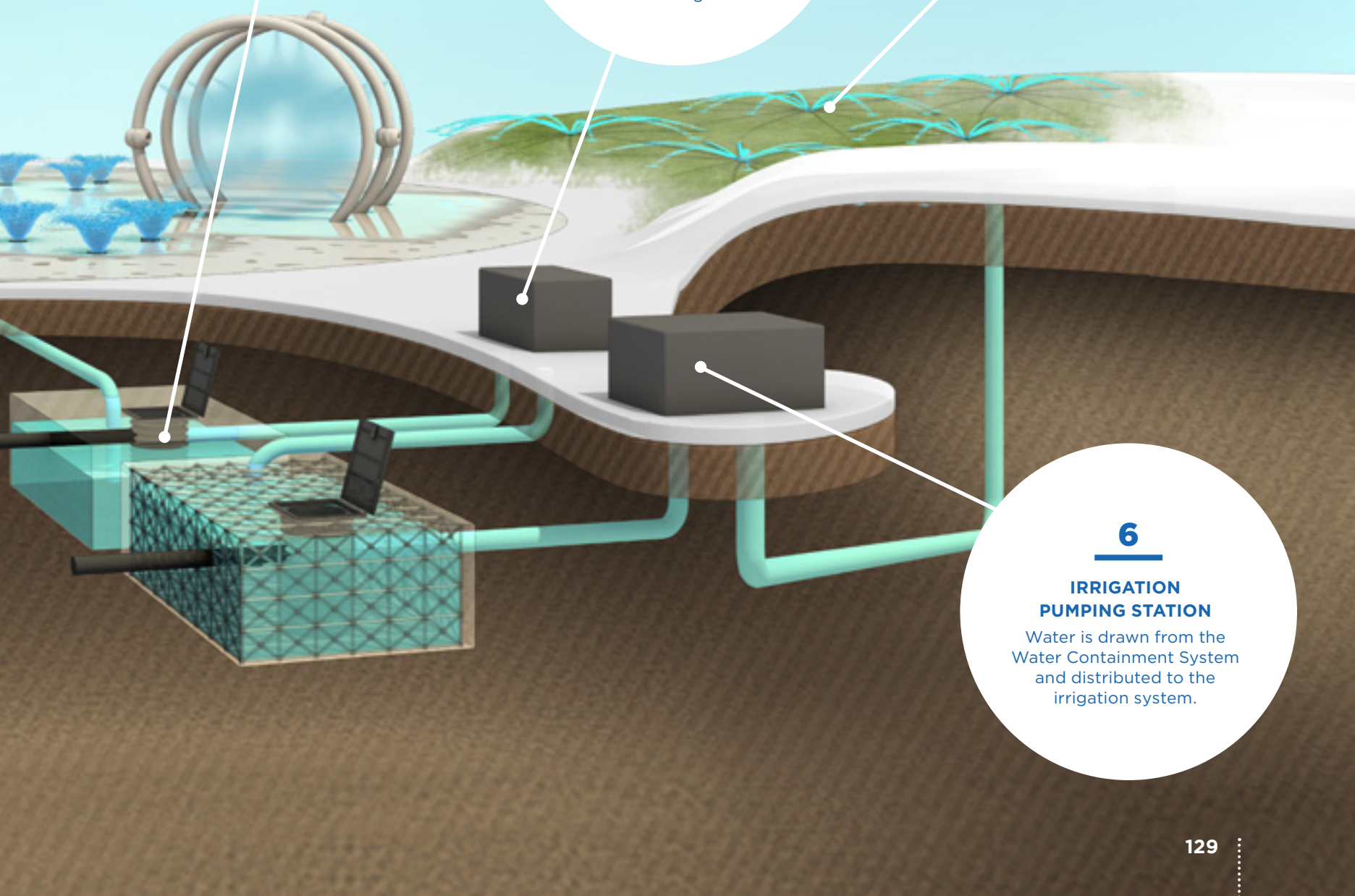
BACK TO NATURE

Water is returned to nature and nourishes the vegetation or is used to maintain amenities like watering sports fields, gardens or landscaping plants & trees that do not require treated water.

6

**IRRIGATION
PUMPING STATION**

Water is drawn from the Water Containment System and distributed to the irrigation system.



FLOW-THROUGH

SIMPLIFY THE FUN

Flow-through systems are easy to operate, low maintenance and eco-friendly solutions to manage water use for Splashpad® or Spraypoint®. These systems use potable water that goes through the play area. Effluent water is then returned to the municipal wastewater system, or percolated back to the water table.

1

ON-DEMAND ACTIVATION

A user touches the activator sending a signal to the Command Center.

3

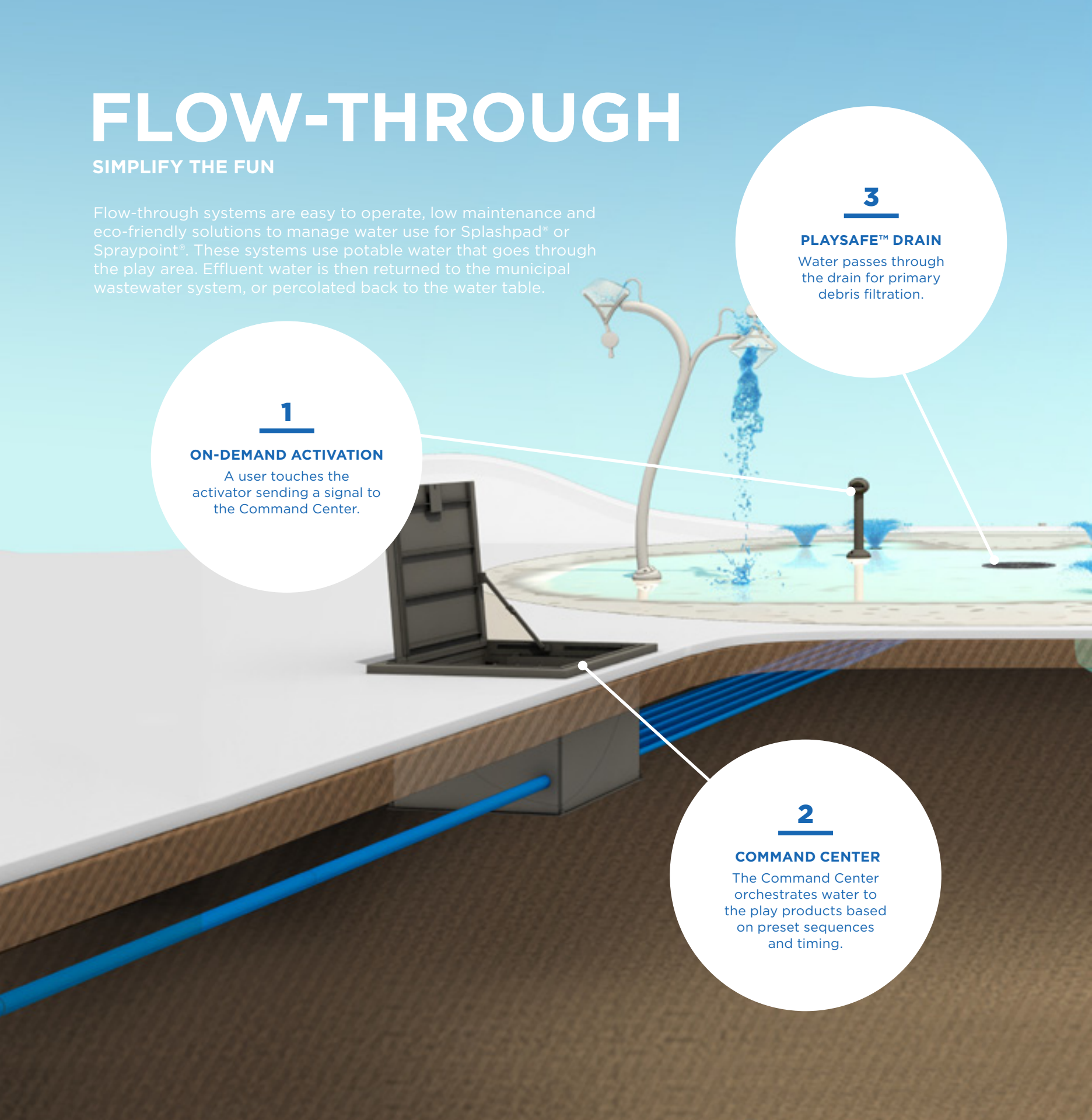
PLAYSAFE™ DRAIN

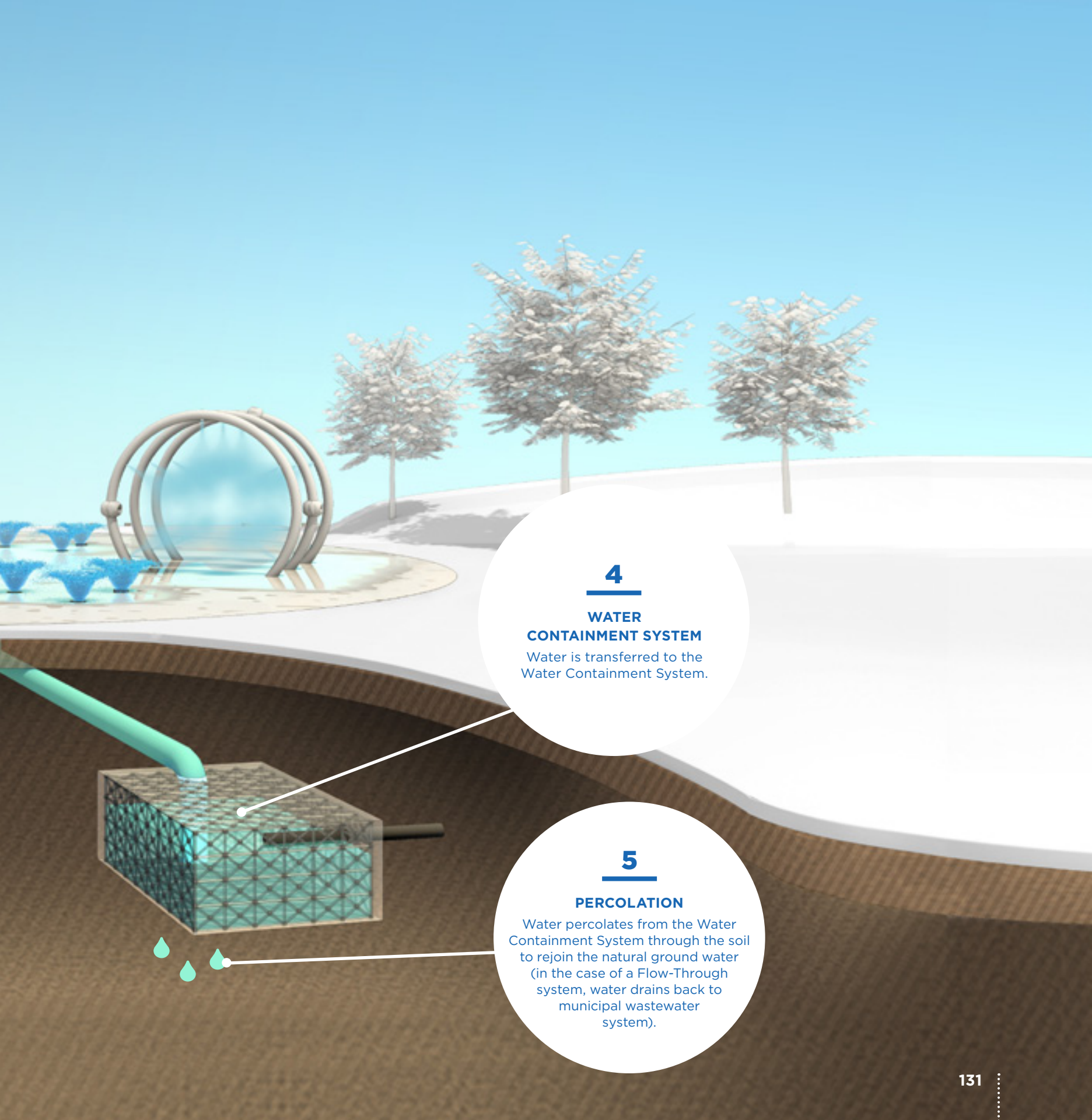
Water passes through the drain for primary debris filtration.

2

COMMAND CENTER

The Command Center orchestrates water to the play products based on preset sequences and timing.





4

**WATER
CONTAINMENT SYSTEM**

Water is transferred to the
Water Containment System.

5

PERCOLATION

Water percolates from the Water
Containment System through the soil
to rejoin the natural ground water
(in the case of a Flow-Through
system, water drains back to
municipal wastewater
system).



EXCLUSIVE TECHNOLOGIES



VORTEX EXCLUSIVE TECHNOLOGIES



TOEGUARD™

- Soft-touch elastomer
 - Protects children's toes from anchoring hardware
 - Durable, vandal resistant, resistant to chemicals
 - Infused with a UV resistant bright color
 - Available in one or two pieces ensuring tight fit to post
-



SEEFLOW™

- Impact-resistant polymer
 - Resistant to UV rays and chemicals
 - Colorful reflections are created with the combination of bright colors, water, and sunlight
 - Manufactured with up to 40% pre-consumer recycled materials
 - Reusable at the end of life
-



TRIFLOW™ NOZZLE

- One nozzle, three different water effect options
 - Stainless steel
 - Adjustable 360° cone spray
 - Internal diffuser for soft safe spray effect
 - Sleeved for easy maintenance
 - Tapered edges so it won't catch on anything
-



PODSPRAY™ (ON PRODUCT)

- Press to send water to another nozzle on the same feature
- Combine multiple pods and features to create team play
- Lead-free brass for maximum durability



PODSPRAY™ (GROUND)

- Step on or press to send water to another feature
- Increase flow to attached features to increase play value—connected features spin faster, spray farther, dance higher
- Combine multiple pods and features to create team play
- Lead-free brass for maximum durability



FUNFLOW ACTUATOR™

- Interactive cause & effect
- Encourages collaborative play
- Step on the cap to divert and multiply the water to another feature
- Low flow when not pressed to help save water
- No electrical required—simple installation



TURNTEC™

- Easy turning for kids of all ages and abilities
- Lead-free brass for maximum durability - heat resistant
- 360° rotation—no mechanical stops to break
- Adjustable spray zone—control the area where water begins and stops
- Corrosion and chemical resistant



SPINTEC™

- Kids can stand or sit on the platform while pushing off the ground to make the platform spin
- Creates spiraling water effect
- Manufactured with damper speed system that controls spinning speed



TWIRLTEC™

- Spin the round handle to create a spiraling water effect overhead
- Soft-touch elastomer
- Interactive cause and effect
- Friction-free, triple bearing system



LINEFLOW™ NOZZLE

- Precisely orient the stream of water with the internal brass marble
- Compact design provides better product integration
- Easy to adjust for the most efficient use of water based on your installation
- Made of lead-free brass for maximum durability



SAFESWAP™ ANCHORING SYSTEM

- Attractive ground caps are substituted for future play products
- Easily add future play elements with no change to infrastructure
- Easily move products from one location to another at no additional cost
- Provides flexibility to spread investment over time as capital becomes available
- Structural stainless steel base for maximum strength
- Optional interim spray cap



PRESS & PLAY ACTIVATOR

- On-demand activation saves water
- Constructed of durable stainless steel—vandal resistant
- No moving parts
- Low voltage—safe fun
- 2 wire connection for easy installation
- Easy operation for kids of all ages & abilities



TWIRLFLOW™

- Two linear jets create one twirling water effect from the water pressure
- 360° water jet creating a fragmented water splash, promoting dynamic play
- Visually captivating circular water movement
- Made of UHMW for superior durability



It's always easy and a pleasure to refer the Vortex product line simply because of its quality. The Vortex equipment and customer service speaks for itself.

RON DAVIS

DIRECTOR OF PARKS & RECREATION | OXFORD TOWNSHIP, MICHIGAN, USA



PRODUCT COLLECTION HIGHLIGHTS

NATURE COLLECTION HIGHLIGHTS

The Nature Collection invites the user to discover creatures, plants and flowers inspired by the natural world around us. Using organic shapes and colors, the Nature Collection can transform a Splashpad® into a forest, a pond or a jungle in the minds of young adventurers.

COLOR MOODS



PRODUCT SPECIFICATIONS LEGEND



MEASUREMENTS (H/W/L OR DIAMETER)



FLOW (GPM/LPM)



SMARTFLOW (GPM/LPM)



INTERACTIVITY



AQUALIEN FLOWER N°1
VOR 7389



44/20/20 IN
112/50/50 CM



1-3 GPM
3.7-11.36 LPM



AQUALIEN N°2
VOR 7569



114/30/64 IN
291/75/163 CM



10-25 GPM
37.85-94.64 LPM



**AQUALIEN
POWER SPINNER**
VOR 7620



124/59/58 IN
315/150/147 CM



15-20 GPM
56.78-75.71 LPM



PODSPRAY™



FLOWER N°1
VOR 7549



135/65/28 IN
342/164/70 CM



5-25 GPM
19-95 LPM



FLOWER N°2
VOR 7550



135/107/30 IN
342/272/76 CM



15-30 GPM
56.78-113.56 LPM



FLOWER N°4
VOR 7552





154/79/30 IN
389/200/76 CM

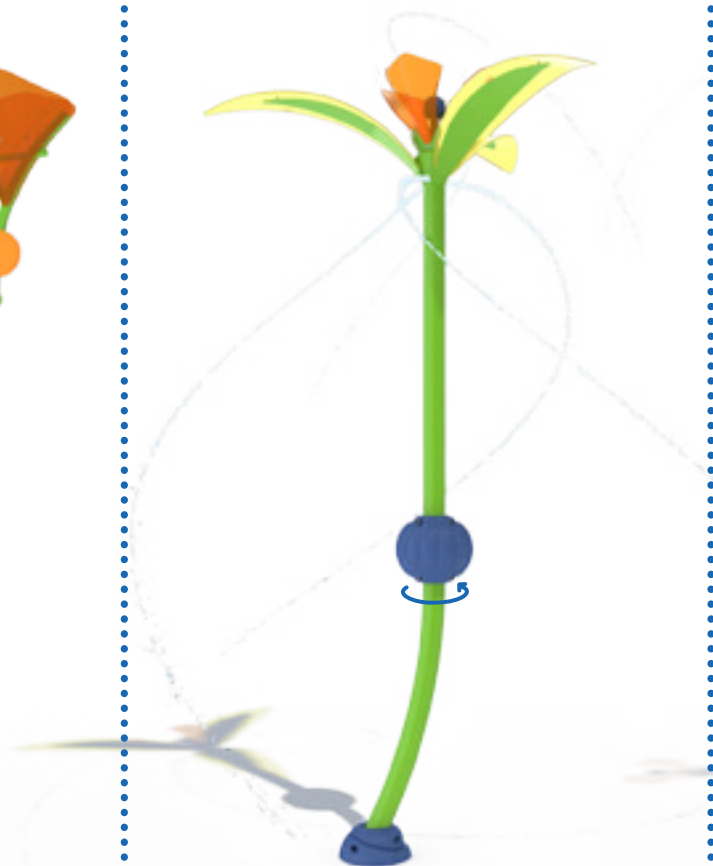


7-18 GPM
26.5-68.14 LPM






FLOWER N°5
VOR 7557

-  153/15/102 IN
388/38/260 CM
-  6-10 GPM
22.7-37.85 LPM






BLOOM N°1
VOR 7486

-  120/55/64 IN
305/141/162 CM
-  7-10 GPM
26.5-37.85 LPM
-  TWIRLTEC™
TWIRLFLOW™

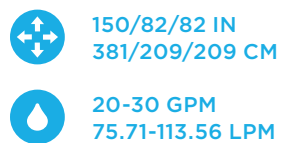


BLOOM N°2
VOR 7487

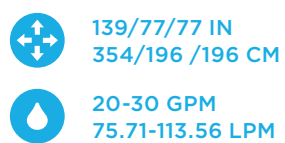
-  109/34/28 IN
277/86/71 CM
-  5-12 GPM
18.92-45.42 LPM
-  PODSPRAY™
TWIRLFLOW™

NATURE
COLLECTION

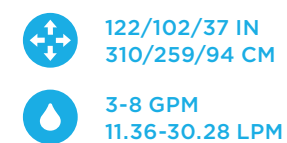
WAVY PALM
VOR 0510



FLOWER
VOR 0564



LEAF N°2
VOR 7657





LEAF N°3 VOR 7672



129/94/112 IN
328/239/285 CM



5-15 GPM
18.93-57 LPM



LEAF N°4 VOR 7675



129/102/41 IN
328/259/104 CM



6-13 GPM
22.71-49.21 LPM



TWIRLFLOW™

NATURE
COLLECTION



**AQUALIEN POWER
FLOWER N°1**
VOR 7631



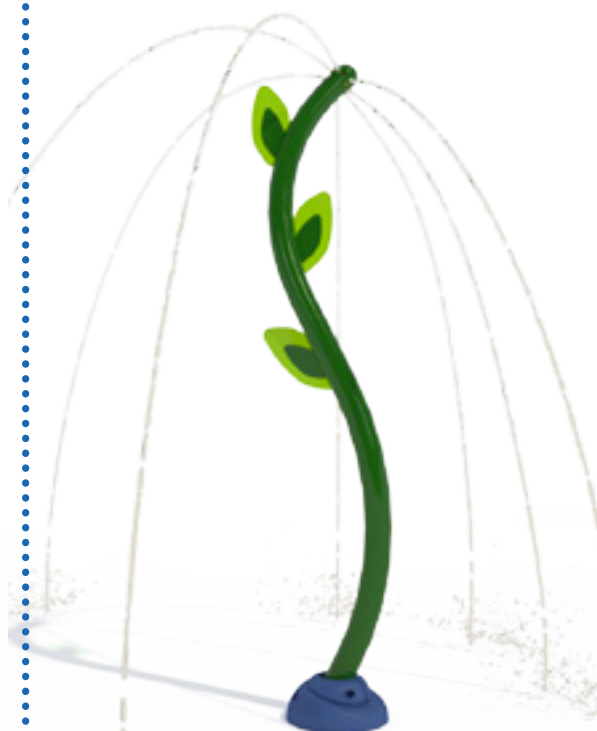
86/44/58 IN
219/112/148 CM



12-20 GPM
45.42-75.71 LPM



PODSPRAY™



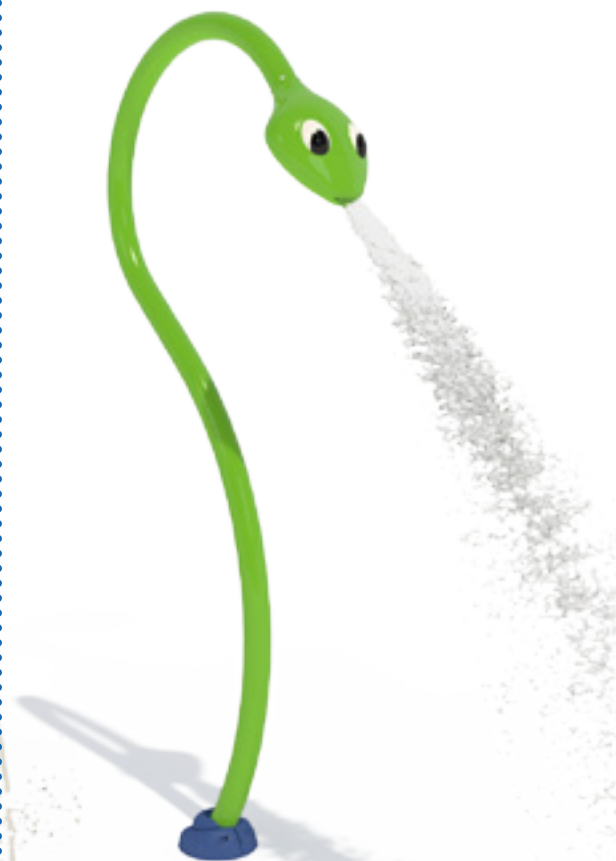
SEAWEED N°3
VOR 7781



78/17/13 IN
197/42/33 CM



4-7 GPM
15.14-26.5 LPM



SEA SERPENT N°1
VOR 7577



135/17/62 IN
343/44/158 CM



20-40 GPM
75.71-151.42 LPM



SCORPION
VOR 7652



190/139/187 IN
482/353/475 CM



81-145 GPM
306.62-548.88 LPM



FUNFLOW ACTUATOR™



SPIDER VOR 7653



125/191/205 IN
317/484/521 CM



59-118 GPM
223.34-446.68 LPM



FUNFLOW ACTUATOR™



FROG N°2
VOR 7201



25/20/20 IN
62/51/51 CM



3-5 GPM
11.36-18.93 LPM



FROG N°4
VOR 7203



47/20/20 IN
119/51/51 CM



57-65 GPM
215.77-246.05 LPM



24-27 GPM
90.8-102 LPM



FROG N°6
VOR 7659



110/59/40 IN
279/150/151 CM

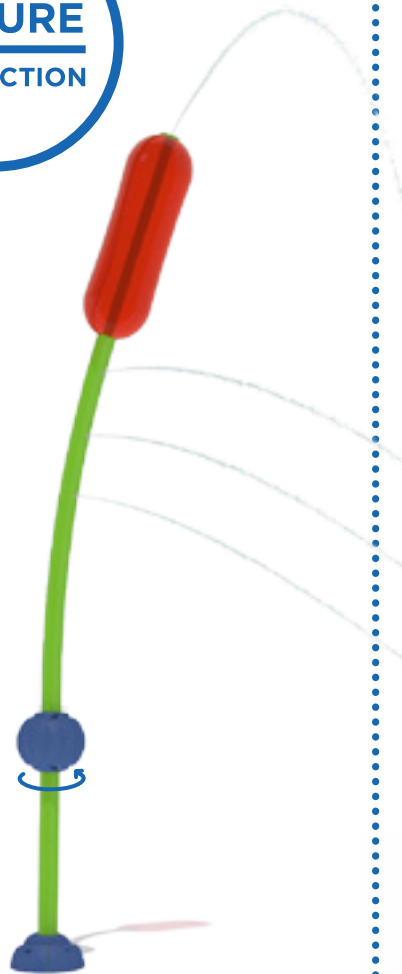


25-35 GPM
95-133 LPM



PODSPRAY™

NATURE
COLLECTION



CATTAIL TWIRL
VOR 7782



143/35/12 IN
363/89/31 CM



2-6 GPM
3.79-22.7 LPM



TWIRLTEC™



FROG N°1
VOR 7200



25/20/20 IN
62/51/51 CM



10-13 GPM
38-49 LPM



SNAIL N°4
VOR 7217



31/18/27 IN
79/45/68 CM



5-8 GPM
18.93-30.28 LPM



PODSPRAY™



OCEAN COLLECTION HIGHLIGHTS

The Ocean Collection has all of the elements to whet the young swashbuckler's appetite for seafaring fun. Children of all ages can discover sea creatures big and small. Or they return to their ship to sail the seven seas. Beware of the pirates!

COLOR MOODS



PRODUCT SPECIFICATIONS LEGEND



MEASUREMENTS (H/W/L OR DIAMETER)



FLOW (GPM/LPM)



SMARTFLOW (GPM/LPM)



INTERACTIVITY



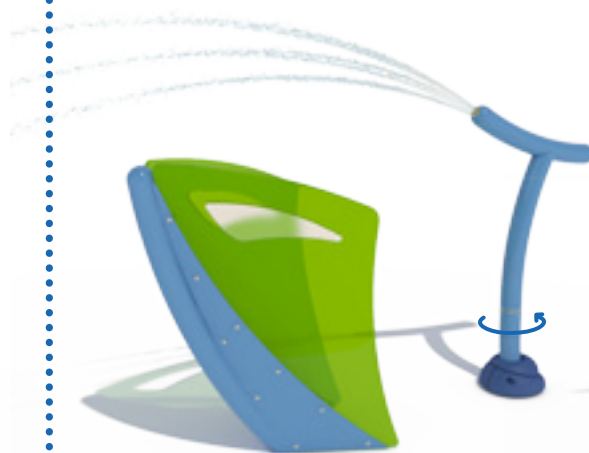
BOAT WHEEL N°1
VOR 7678



52/22/29 IN
132/56/74 CM



4-8 GPM
15.14-30.28 LPM



BOW N°1
VOR 7673



46/25/79 IN
117/63/200 CM



3-5 GPM
11.36-18.93 LPM



SAIL TWIRL N°1
VOR 7677



173/71/12 IN
411/180/30.5 CM



3-6 GPM
11.4-22.7 LPM



TWIRLTEC™



SAILBOAT N°1
VOR 7671



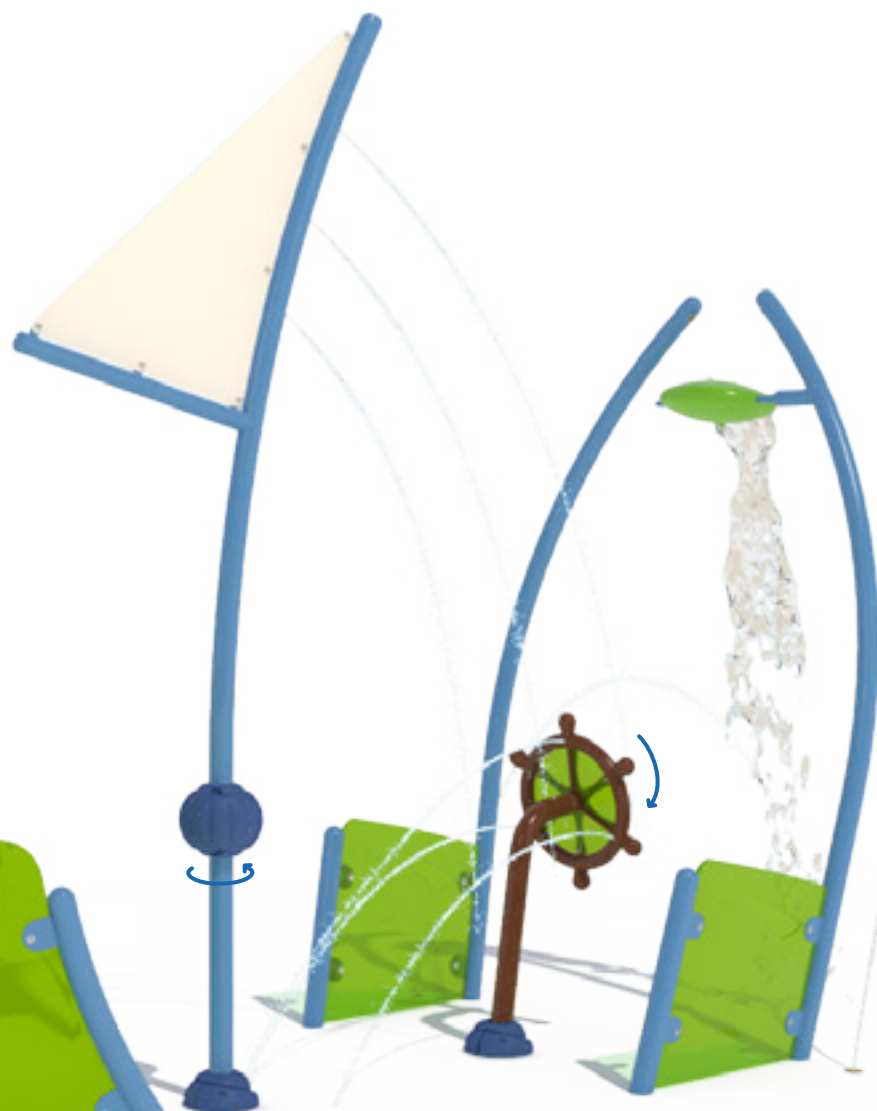
159/82/238 IN
405/208/606 CM



20-38 GPM
75-143 LPM



TWIRLITEC™





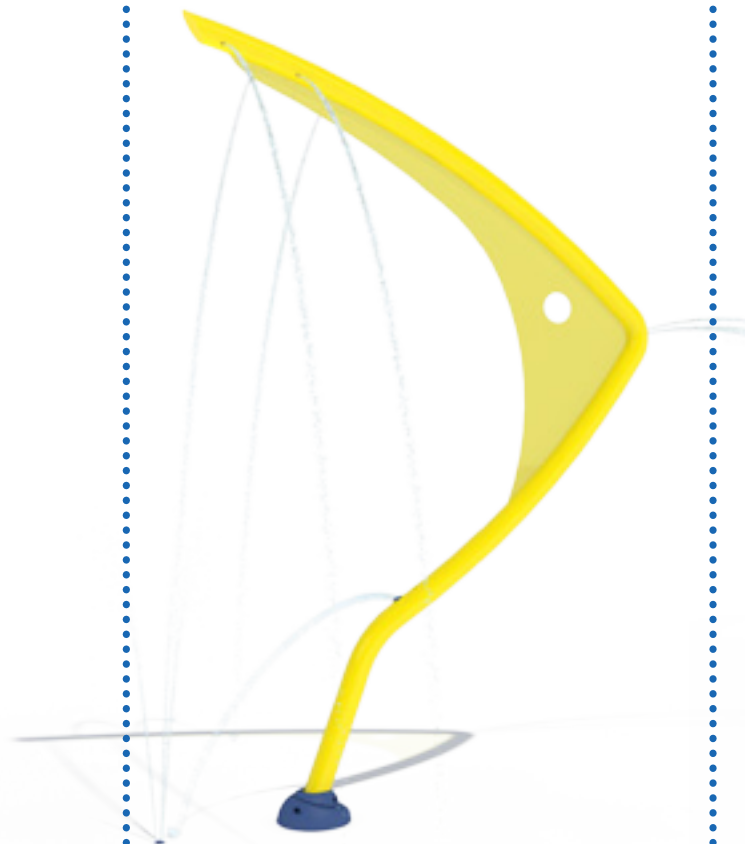
SNAKE N°2
VOR 7214



142/56/20 IN
361/143/51 CM



5-8 GPM
18.93-30.28 LPM



**SEA SILHOUETTE
ANGELFISH**
VOR 7685



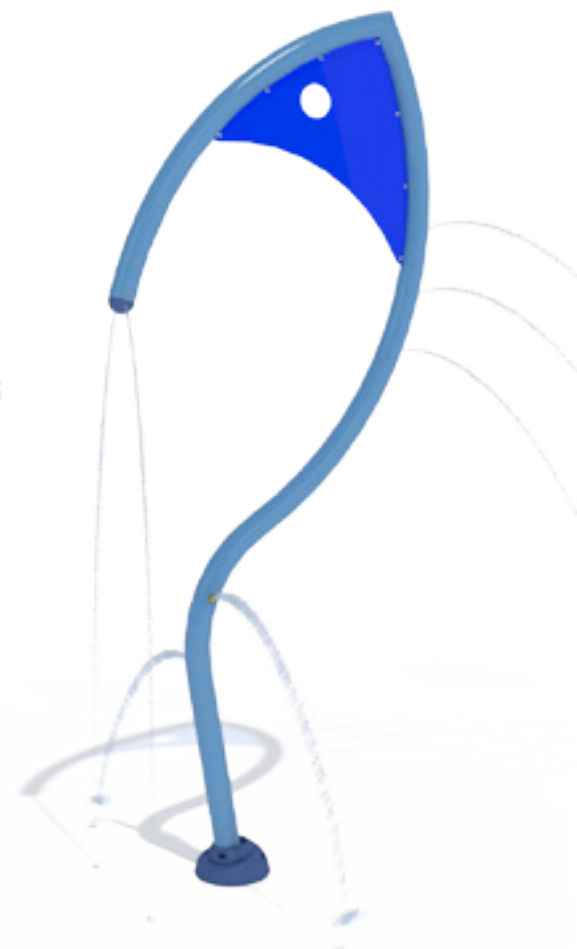
141/93/13 IN
358/236/33 CM



11-19 GPM
41.6-71.9 LPM



PODSPRAY™



SEA SILHOUETTE FISH
VOR 7687



145/59/13 IN
368/150/33 CM



10-18 GPM
37.9-68.1 LPM



PODSPRAY™

OCEAN
COLLECTION



**SEA SILHOUETTE
CRAB CLAW**
VOR 7686



150/67/13 IN
381/170/33 CM



7-13 GPM
26.5-49.2 LPM



**TWIRLFLOW™
PODSPRAY™**



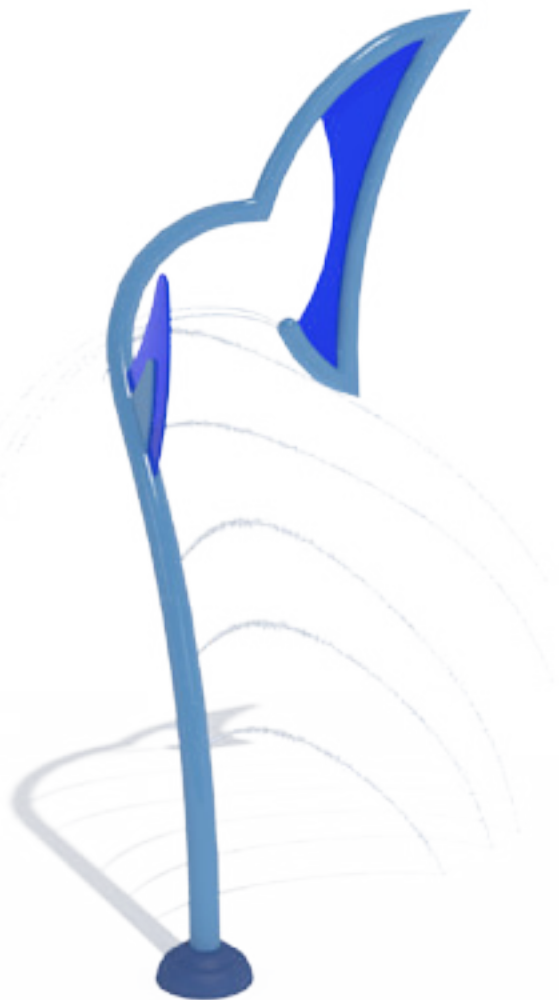
**SEA SILHOUETTE
SEAHORSE**
VOR 7684



149/48/14 IN
379/122/36 CM



6-11 GPM
22.7-41.6 LPM



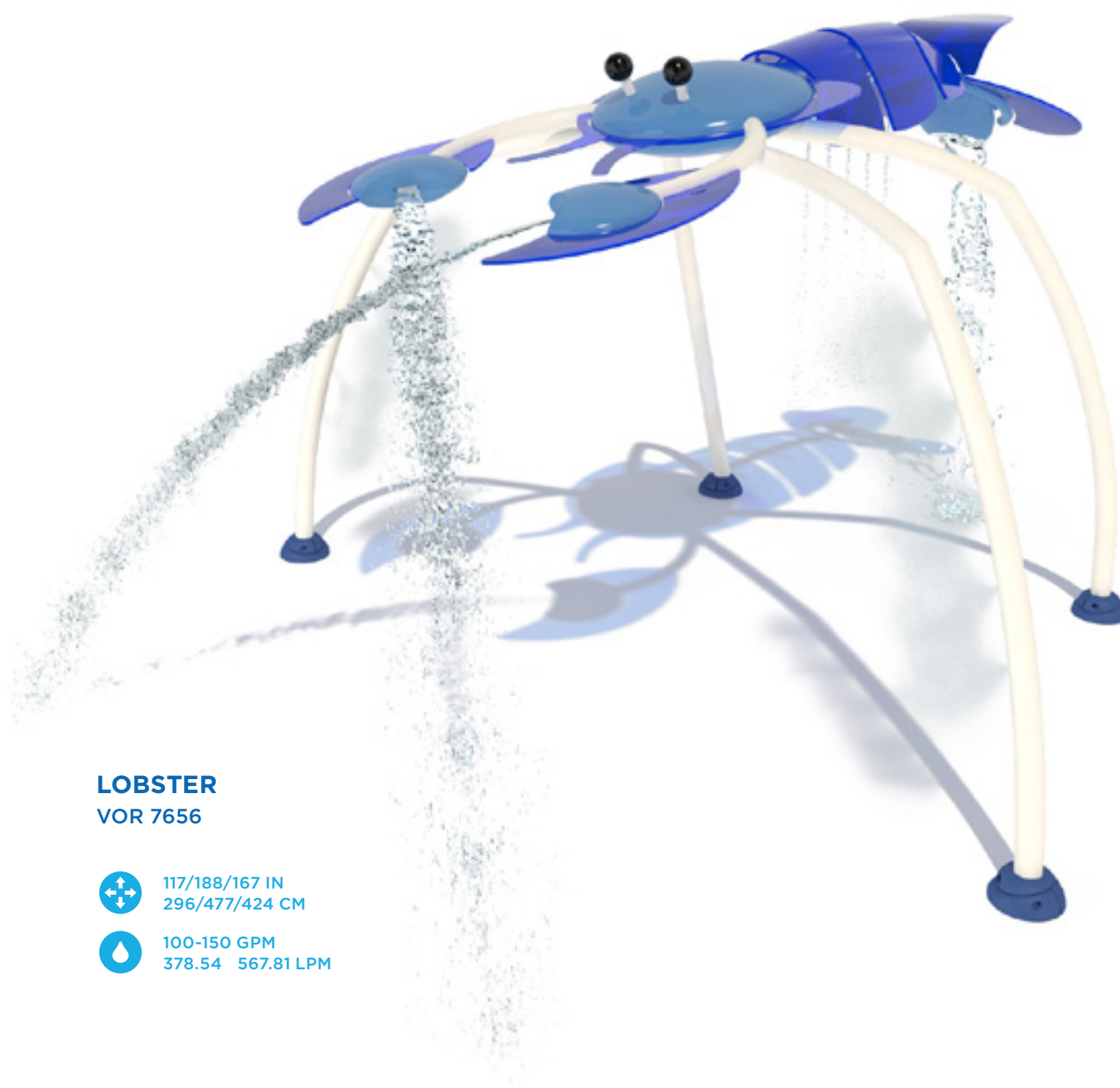
SEA SILHOUETTE SHARK
VOR 7683





164/89/62 IN
417/226/158 CM

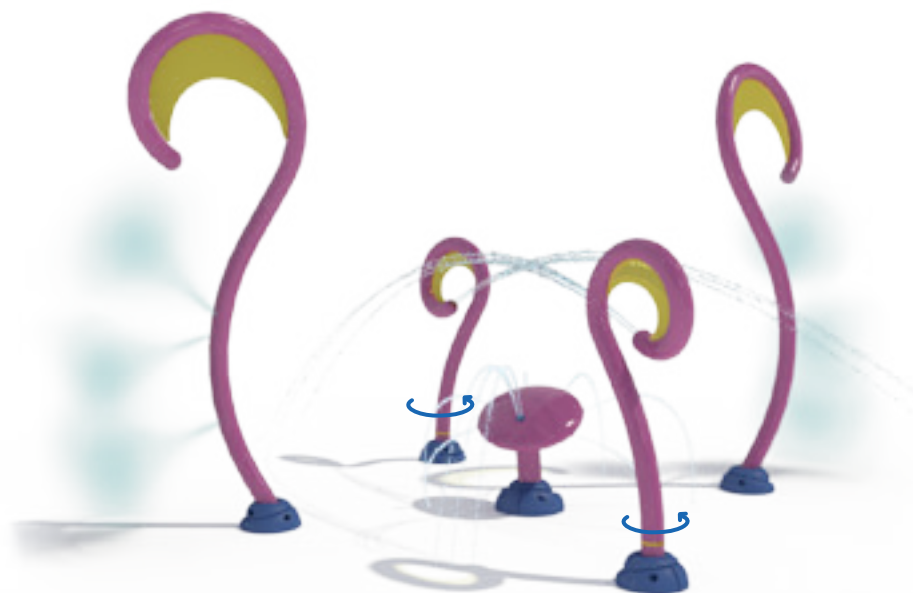


8-15 GPM
30.3-56.8 LPM



LOBSTER
VOR 7656

-  117/188/167 IN
296/477/424 CM
-  100-150 GPM
378.54 567.81 LPM



SEA SILHOUETTE OCTOPUS
VOR 7691



86/93/119 IN
217/235/302 CM



20-32 GPM
75.7-121 LPM



PODSPRAY™



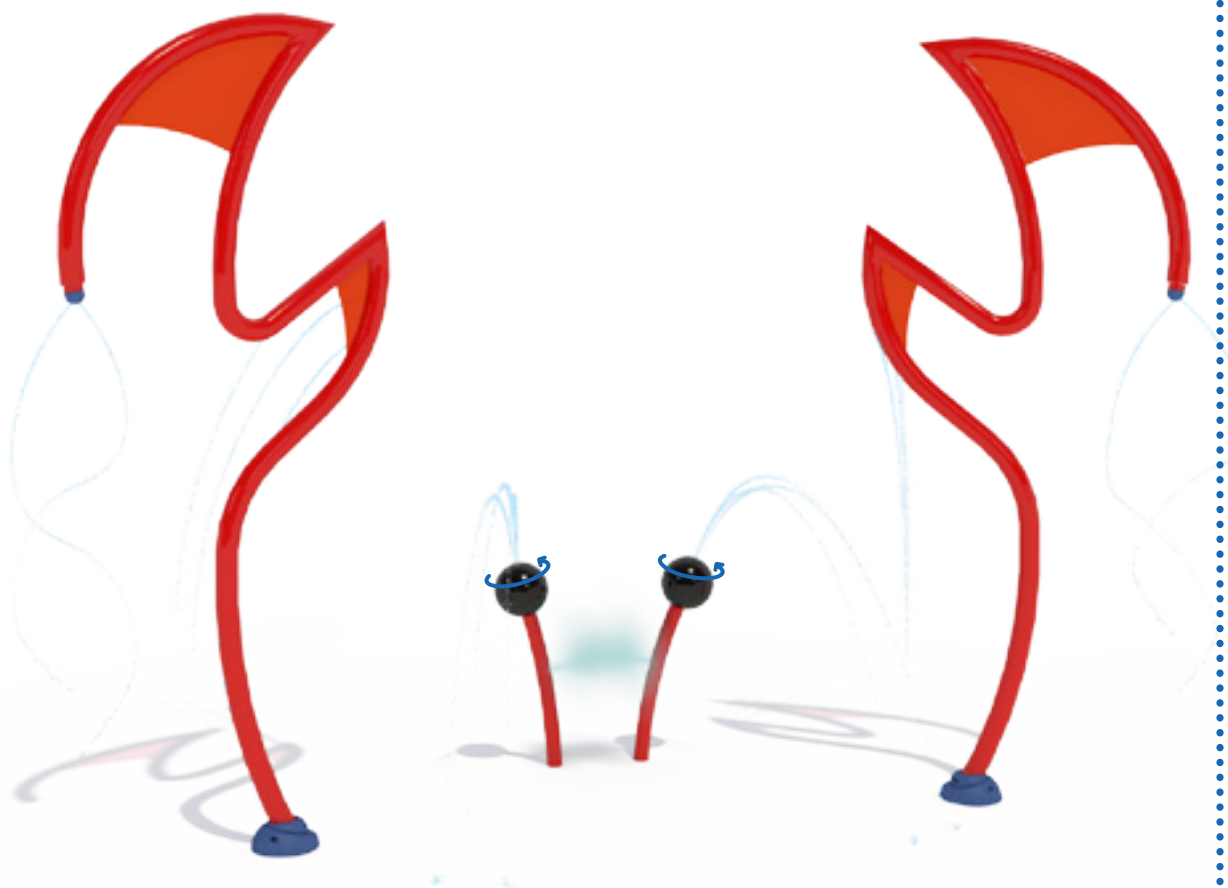
SEA SILHOUETTE TURTLE
VOR 7689



144/131/13 IN
366/332/33 CM



9-18 GPM
34.1-68.1 LPM



SEA SILHOUETTE CRAB VOR 7690



149/206/65 IN
377/523 /163 CM



10-34 GPM
37.9-129 LPM



TWIRLFLOW™



SEA SILHOUETTE PELICAN VOR 7688



143/90/12 IN
363/229/31 CM






5-10 GPM
18.93-37.9 LPM

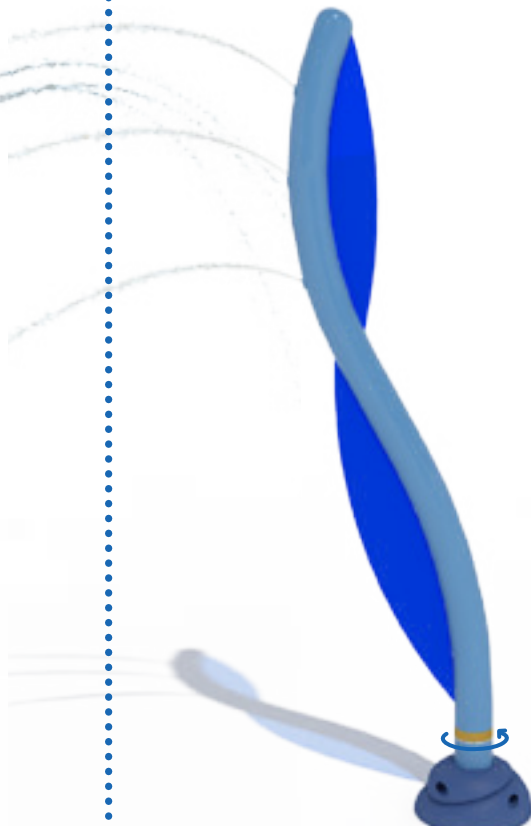


TWIRLTEC™





SEAWEED N°1
VOR 7779

-  57/24/11 IN
145/61/28 CM
-  2-4 GPM
3.79-15.14 LPM
-  PODSPRAY™





SEAWEED N°2
VOR 7780

-  73/21/11 IN
184/54/27 CM
-  3-6 GPM
11.36-22.71 LPM



FISH N°1
VOR 7218

-  33/27/14 IN
83/69/36 CM
-  3-5 GPM
11.36-18.93 LPM



CRAB N°1
VOR 7208



26/24/25 IN
67/60/64 CM



3-5 GPM
11.36-18.93 LPM



TURTLE N°2
VOR 7216



23/26/29 IN
58/65/73 CM



6-10 GPM
22.71-38 LPM



TURTLE N°3
VOR 7219



50/24/28 IN
127/63/72 CM



16-23 GPM
61-86 LPM



SEA SILHOUETTE LANTERNFISH
VOR 7682



143/118/13 IN
363/300/33 CM



6-10 GPM
22.7-37.9 LPM



PODSPRAY™



CRAB N°2
VOR 7220



53/23/25 IN
134/59/64 CM



16-23 GPM
61-86 LPM



URBAN COLLECTION HIGHLIGHTS

The Urban Collection features modern architectural shapes inspired by city life. The sleek, clean lines integrate the collection with any surrounding environment, while contemporary color moods add a vibrant 'pop'.

COLOR MOODS



PRODUCT SPECIFICATIONS LEGEND



MEASUREMENTS (H/W/L OR DIAMETER)



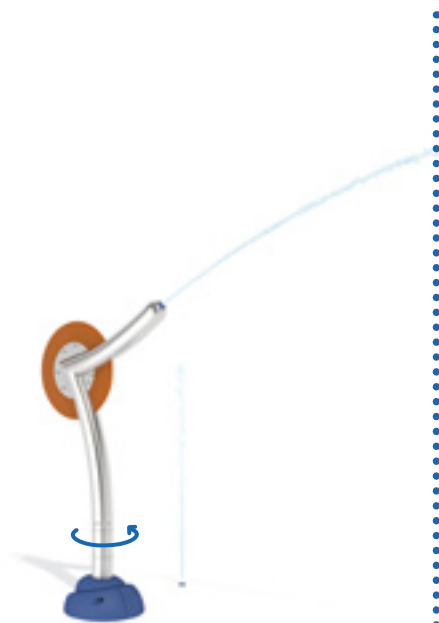
FLOW (GPM/LPM)



SMARTFLOW (GPM/LPM)



INTERACTIVITY



BAMBOO CANNON N°1
VOR 7722



49/11/27 IN
125/27/69 CM



5-10 GPM
18.93 - 37.85 LPM



2-7 GPM
7.57-26.5 LPM



PODSPRAY™



BAMBOO CANNON N°2
VOR 7721



49/11/32 IN
125/27/82 CM



5-10 GPM
18.93 - 37.85 LPM



2-7 GPM
7.57-26.5 LPM



PODSPRAY™



BAMBOO CANNON N°3
VOR 7720



52/11/29 IN
133/27/74 CM



5-10 GPM
18.93 - 37.85 LPM



2-7 GPM
7.57-26.5 LPM



PODSPRAY™



BAMBOO N°4
VOR 7723



127/15/70 IN
323/38/178 CM



3-5 GPM
11.36-18.93 LPM



BAMBOO N°5
VOR 7724



113/11/34 IN
288/27/85 CM



3-6 GPM
11.36-22.72 LPM



BAMBOO N°6
VOR 7725



206/12/83 IN
524/30/212 CM



1-2 GPM
3.79-7.57 LPM



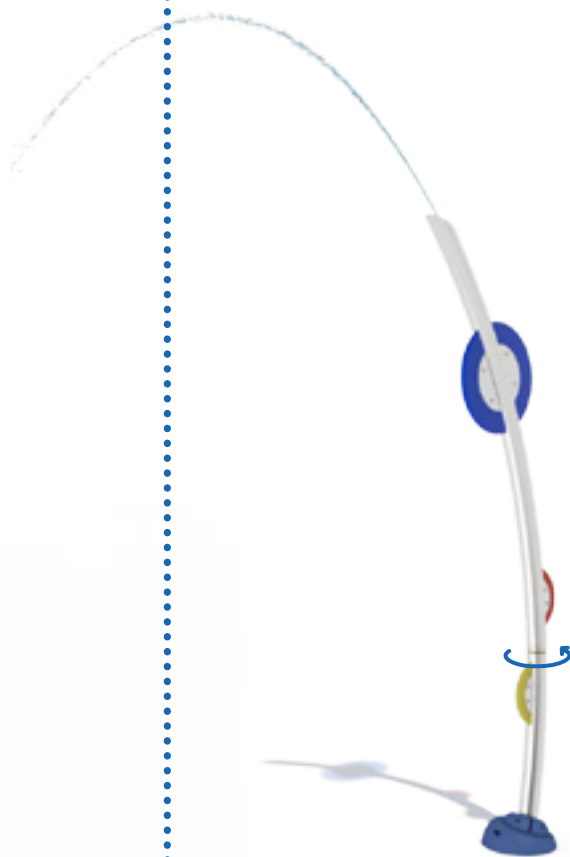
BAMBOO N°8
VOR 7727



138/11/38 IN
351/27/96 CM



16 GPM
60.57 LPM



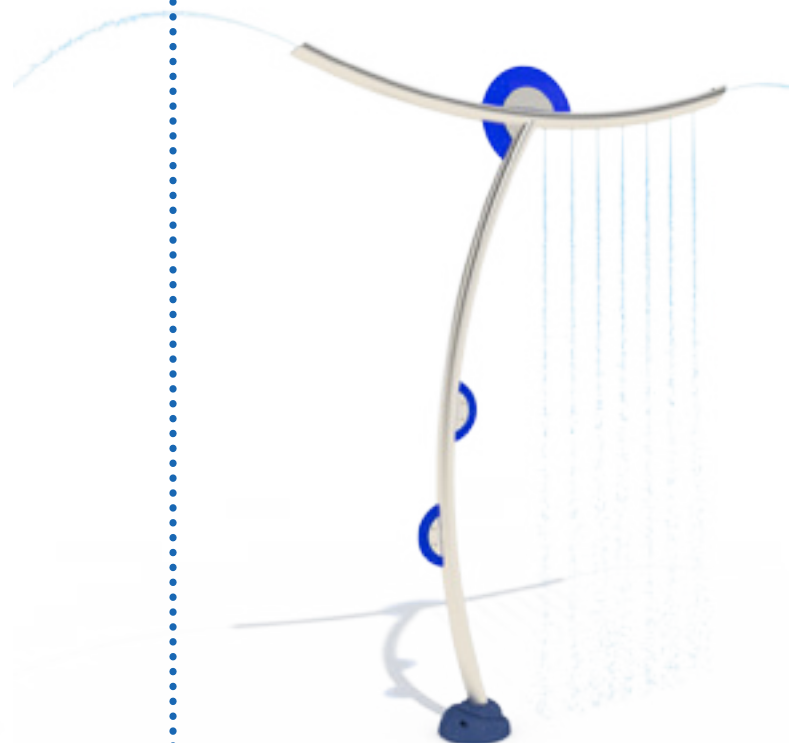
BAMBOO N°9
VOR 7728



110/11/35 IN
279/27/89 CM



1-2 GPM
3.79-7.57 LPM



BAMBOO N°10
VOR 7730



121/11/94 IN
307/27/240 CM



10 GPM
37.85 LPM



OMBRELLO N°1
VOR 7445



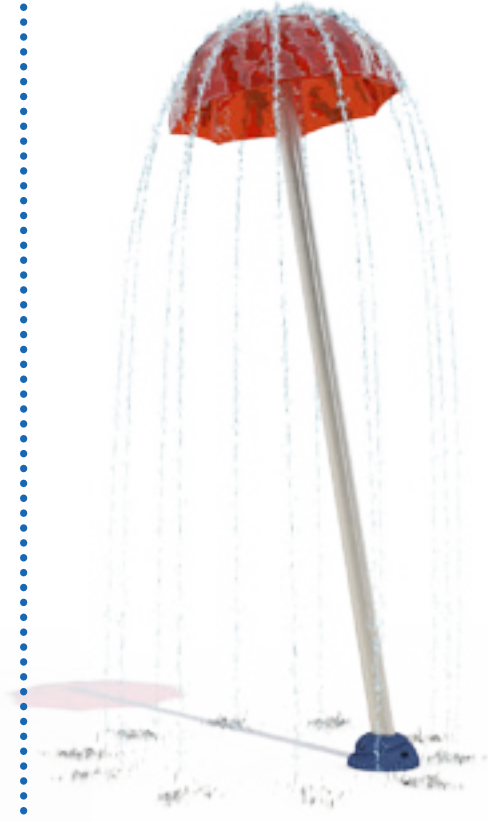
122/36/36 IN
310/91/91 CM



5-7 GPM
18.92-26.49 LPM



2-3 GPM
7.57-11.35 LPM



OMBRELLO N°3
VOR 7441



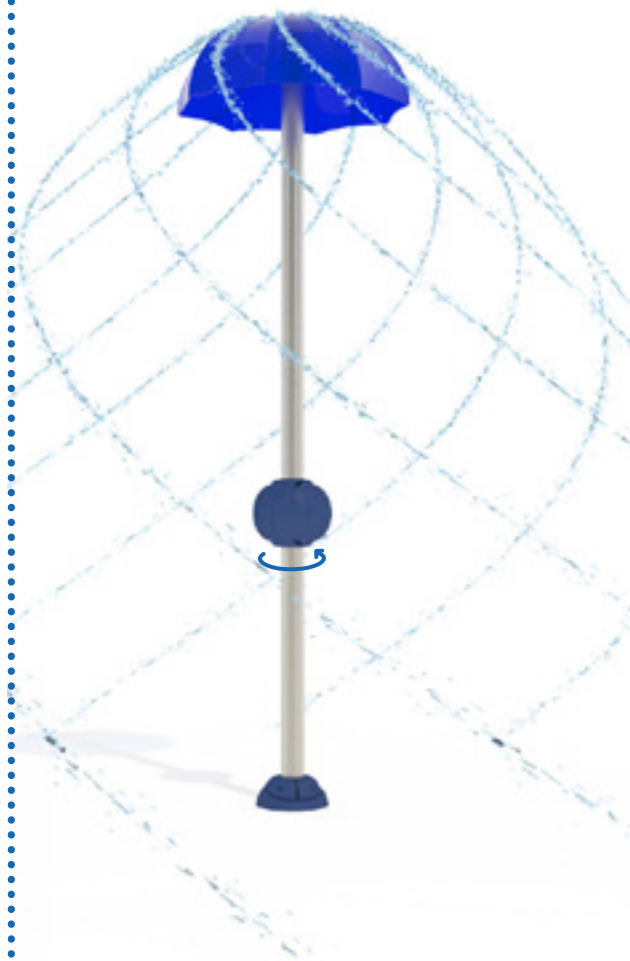
112/36/38 IN
284/91/96 CM



5-7 GPM
18.92-26.49 LPM



2-3 GPM
7.57-11.35 LPM



OMBRELLO TWIRL N°1
VOR 7446



122/36/36 IN
310/91/91 CM



5-7 GPM
18.92-26.49 LPM



TWIRLTECT™



SPIN N°1
VOR 7450



44/37/37 IN
111/94/94 CM



4-6 GPM
15.14-22.71 LPM



SPINTEC™



OMBRELLO SPIN N°2
VOR 7449



42/37/37 IN
107/94/94 CM



4-6 GPM
15.14-22.71 LPM



SPINTEC™



TOT TWISTER
VOR 7030



27/13/13 IN
69/33/33 CM



10-20 GPM
37.85-75.71 LPM



PLUX THRILL 'N' SPILL
VOR 0535



132/72/70 IN
335/183/179 CM



25-30 GPM
94.64-113.56 LPM



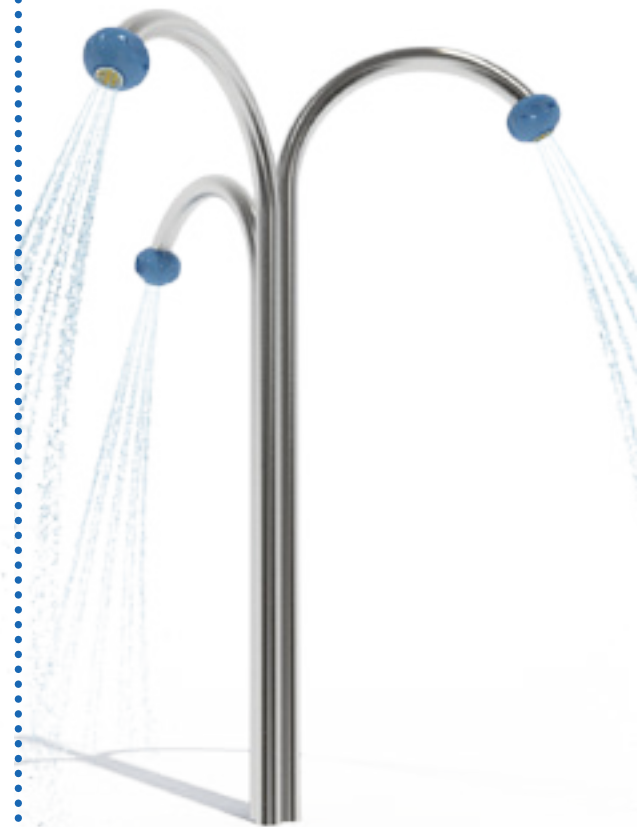
PLUX CANE
VOR 7395



123/14/57 IN
312/36/145 CM



11-17 GPM
41.64-64.35 LPM



WATER WILLOW
VOR 7394



134/87/87 IN
340/221/221 CM



10-25 GPM
37.85-94.64 LPM



THREE BELLS N°1
VOR 7372



132/77/87 IN
335/195/220 CM



9-15 GPM
34.07-56.78 LPM



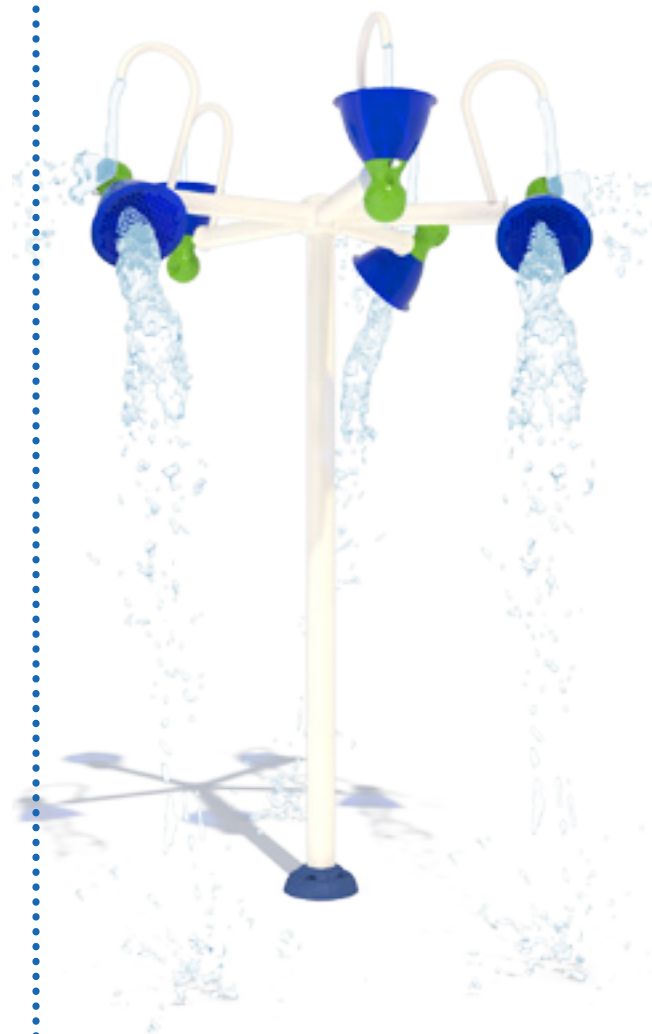
THREE BELLS N°2
VOR 7571



131/90/90 IN
333/229/229 CM



9-15 GPM
34.07-56.78 LPM



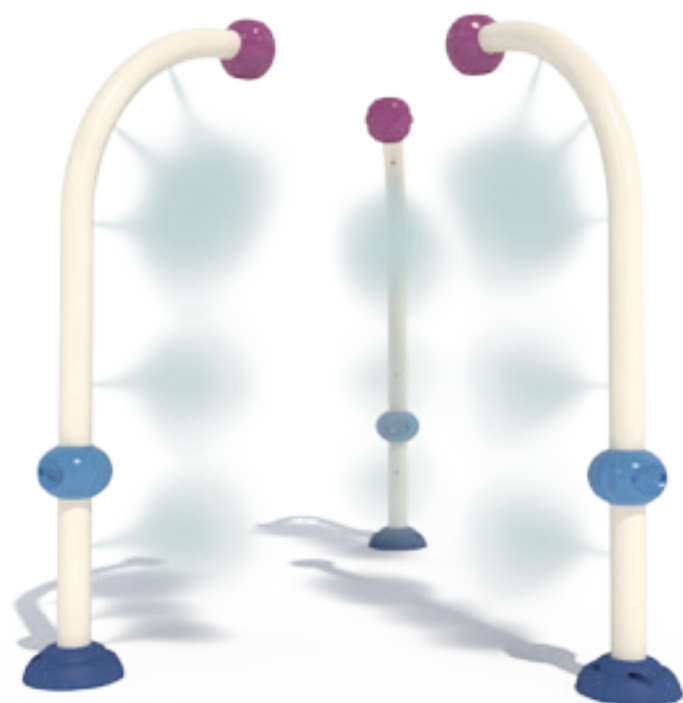
FIVE BELLS
VOR 7383



135/89/93 IN
344/227/236 CM



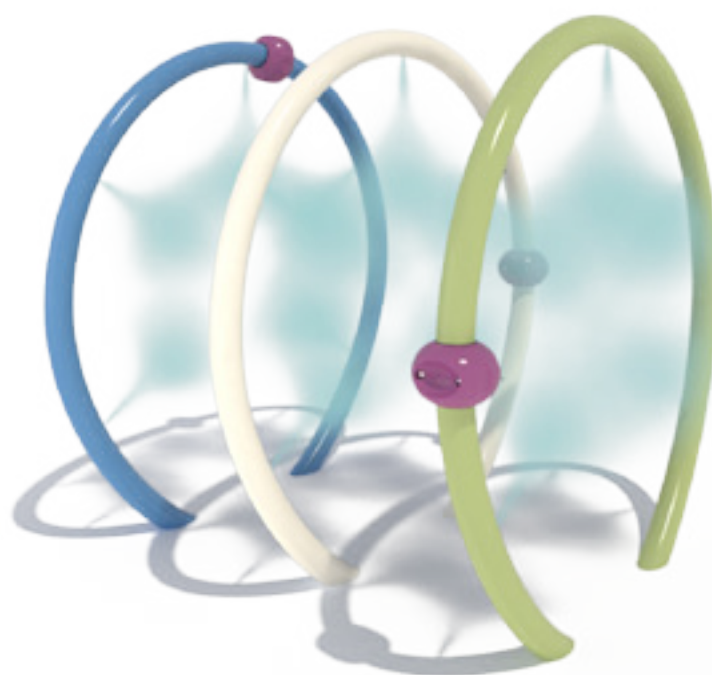
15-25 GPM
56.78-94.64 LPM



HUDDLE SPRAY N°3
VOR 7565

 96/123/85 IN
243/311/215 CM

 30-60 GPM
113.56-170.34 LPM



ORBIT
VOR 7398

 75/85/92 IN
190/215/234 CM

 30-45 GPM
113.56-170.34 LPM

 15-30 GPM
56.78-113.56 LPM



SILHOUETTE N°1
VOR 7772



40/13/13 IN
102/33/33 CM



10-18 GPM
37.85-68.14 LPM



SILHOUETTE N°2
VOR 7773



55/13/13 IN
139/33/33 CM



2-7 GPM
8-26 LPM



SILHOUETTE N°3
VOR 7774



79/26/13 IN
201/66/33 CM



4-8 GPM
15-30 LPM



SILHOUETTE N°4
VOR 7776



112/21/25 IN
286/55/64 CM



12-18 GPM
45-68 LPM



SILHOUETTE N°5
VOR 7777



85/19/23 IN
215/50/59 CM



4-7 GPM
15.14-26.46 LPM



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Toll-free: 1.866.886.7839
Direct: 951.667.4292, ext.306

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