



SUSTAINABLE WATER
MANAGEMENT SOLUTIONS

WHY RAINWATER HARVEST?



The RainXchange™ System is a sustainable solution for Water Conservation and Stormwater Management

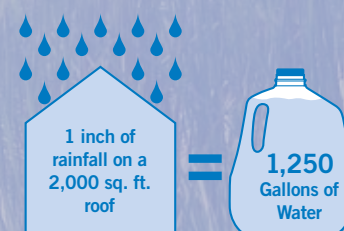
WATER CONSERVATION

- At least 36 states expect to face water shortages within the next 5 years according to the U.S. Government Accountability Office.
- Capturing and reusing rainwater reduces the community's demand on the municipal water supply, reduces the owner's water bills and helps avoid strict water schedules.

STORMWATER MANAGEMENT

- According to the EPA, stormwater runoff is one of the main reasons 40% of our lakes, rivers, and estuaries are not clean enough for fishing or swimming.
- Rainwater harvesting is a solution for managing stormwater runoff and decrease flooding.
- Federal, state and local regulations are requiring stormwater to be managed at the source. The RainXchange™ System provides a solution to help meet these governmental regulations.

DID YOU KNOW?



- This roof in a region receiving 30 inches of annual rainfall generates 37,500 gallons of reusable water.
- Capturing this water reduces run-off and flooding, as well as provides a significant amount of water for reuse.
- The RainXchange™ System allows you to collect thousands of gallons of water anywhere, even in the desert!



HOW CAN YOU USE THE RAINXCHANGE™ SYSTEM?



Landscape irrigation for your lawn and flowerbeds



Manage stormwater and decrease flooding



Topping off water features, swimming pools & hot tubs



Washing your car, patio or deck



Toilet and laundry water supply



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SUSTAINABLE WATER MANAGEMENT SOLUTIONS

Aquascape's ecosystem approach to water gardening is based on recreating a naturally functioning ecosystem. Water circulation, filtration, fish, plants, rocks and beneficial bacteria are all used to ensure a balanced system and long term sustainability.

Aquascape is committed to further expand its environmental position by developing innovative new products with a focus on the environment and the long term sustainability of the world's most precious resource, water.

The RainXchange™ System offers companies, as well as consumers the opportunity to do their part to address some of the challenges associated with drought and the increasing problem of excessive stormwater run-off.

To learn more about Aquascape as a company and our initiatives please log onto our website at www.aquascapeinc.com.

CAPTURE > FILTER > REUSE



Aquascape Inc. headquarters
St. Charles, Illinois



For more information on the RainXchange™ System,

VISIT www.rainxchange.com



RAINWATER HARVEST SYSTEMS
SUSTAINABLE WATER MANAGEMENT SOLUTIONS

CAPTURE > FILTER > REUSE



Rainwater harvesting with Aquascape's

RainXchange™

Rainwater Harvest Systems

By Aquascape, Inc.

The RainXchange™ System is a sustainable **stormwater management** solution for both commercial and residential applications. The modular design of the RainXchange™ System provides the flexibility to construct a rainwater collection system based on your application's requirements. The unique integration of a water feature provides filtration as well as enhances the overall landscape design.



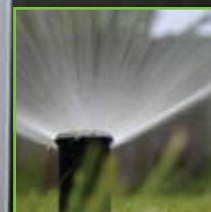
HIGH PRESSURE PUMP

- A high pressure pump is connected to the system to provide access to the stored water.



PERMEABLE PAVERS

- The RainXchange™ System can be used underneath permeable pavers as a means of capturing stormwater.
- A liner membrane beneath the permeable pavers collects the water and directs it towards the storage basin.
- Water features can be incorporated directly on top of the permeable pavers providing a truly unique design element.



IRRIGATION SYSTEM

- The RainXchange™ System can be used for simple hand-watering or combined with a professional irrigation system.



OVERFLOW MANAGEMENT

- Excess stormwater can be managed through infiltration, rain gardens, surface run-off, or into the local stormwater system.



RECIRCULATING FILTER SYSTEM

- Snorkel® Vault and Centipede® Module optimize water utilization and recirculation within the system.
- Snorkel® Vault and Centipede® Module provide convenient access point for inspection and maintenance.
- High efficiency/low energy consuming submersible pump recirculates the water.
- Beneficial bacteria and enzymes reduce organic wastes and pollutants to less toxic substances that can be absorbed by plants, creating a perfect cycle of nutrient reuse.



MODULAR STORAGE RESERVOIR

- Engineered plastic AquaBlox® create the structure of the storage basin.
- Modular design of the AquaBlox® and flexible waterproof liner allow the storage basin to be configured to fit a wide variety of applications.
- AquaBlox® are assembled on-site making shipping and handling extremely efficient.
- Durable EPDM waterproof liner surrounds the AquaBlox® creating a water-tight storage basin.

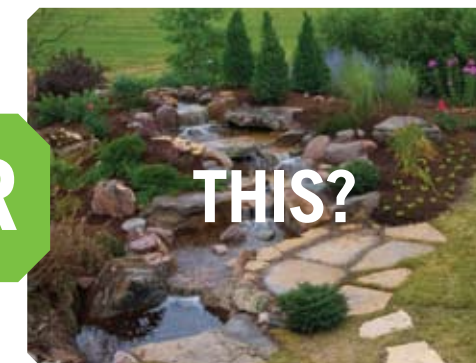


DOWNSPOUT FILTER

- Captures and removes pollutants and debris flushed into the system during a rain event.
- Coarse filter screen removes leaves, twigs, and seeds.
- Smaller suspended particles are captured in a fine mesh which can easily be removed for cleaning.
- Multiple Downspout Filters can be utilized to capture more water.



OR



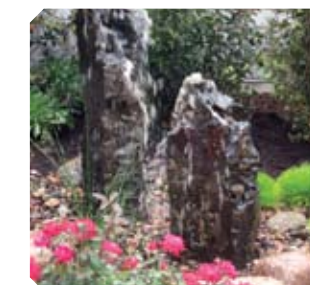
Traditional ways of rainwater harvesting do not add beauty or value to your home or office setting.

RainXchange™ by Aquascape Inc. adds the beauty of a water feature to a revolutionary system for capturing and reusing our most precious resource, water.

THE RAINXCHANGE™ SYSTEM IS REVOLUTIONARY!

The RainXchange™ System by Aquascape is a revolutionary design that combines a recirculating decorative water feature with a sub-surface rainwater harvest storage system.

- Clean, Filtered Water Storage** – While you enjoy the benefits of a decorative water feature, the RainXchange™ System filters the stored water providing access to clean, clear, usable water.
- The RainXchange™ System reveals only a **beautiful water feature** that integrates easily into existing landscapes.
- Locating and **storing water underground** maintains the integrity and beauty of your home and landscape.



Wildlife Habitat

A small portion of the stored water is brought to the surface for aeration and allows the water to become available for wildlife interaction.

Water Feature Lifestyle

Enhanced landscaping improves property value and water features provide soothing sights and sounds that help you relax and de-stress in today's busy world.

Environmental Conservation

Capturing rainwater to operate the water feature creates true self-sustainability, drastically reducing the need for traditional water sources.