

Rainwater. Engineered.

Leading The Way With Sustainable Water Solutions



RainCycle™ Rainwater Harvesting System

Watts.com/raincycle



Leading Rainwater Sustainability Solutions

As the industry leader in developing water sustainability solutions, Watts sets the standard for rainwater harvesting. With over 140 years of experience informing our efforts, we provide the knowledge, expertise, and product selection needed to harvest rainwater. We design and manufacture the most efficient solutions to capture

the only commodity for which there is no economic alternative—water. Our team of engineers provides support at every step of the process.

We are the experts in rainwater.

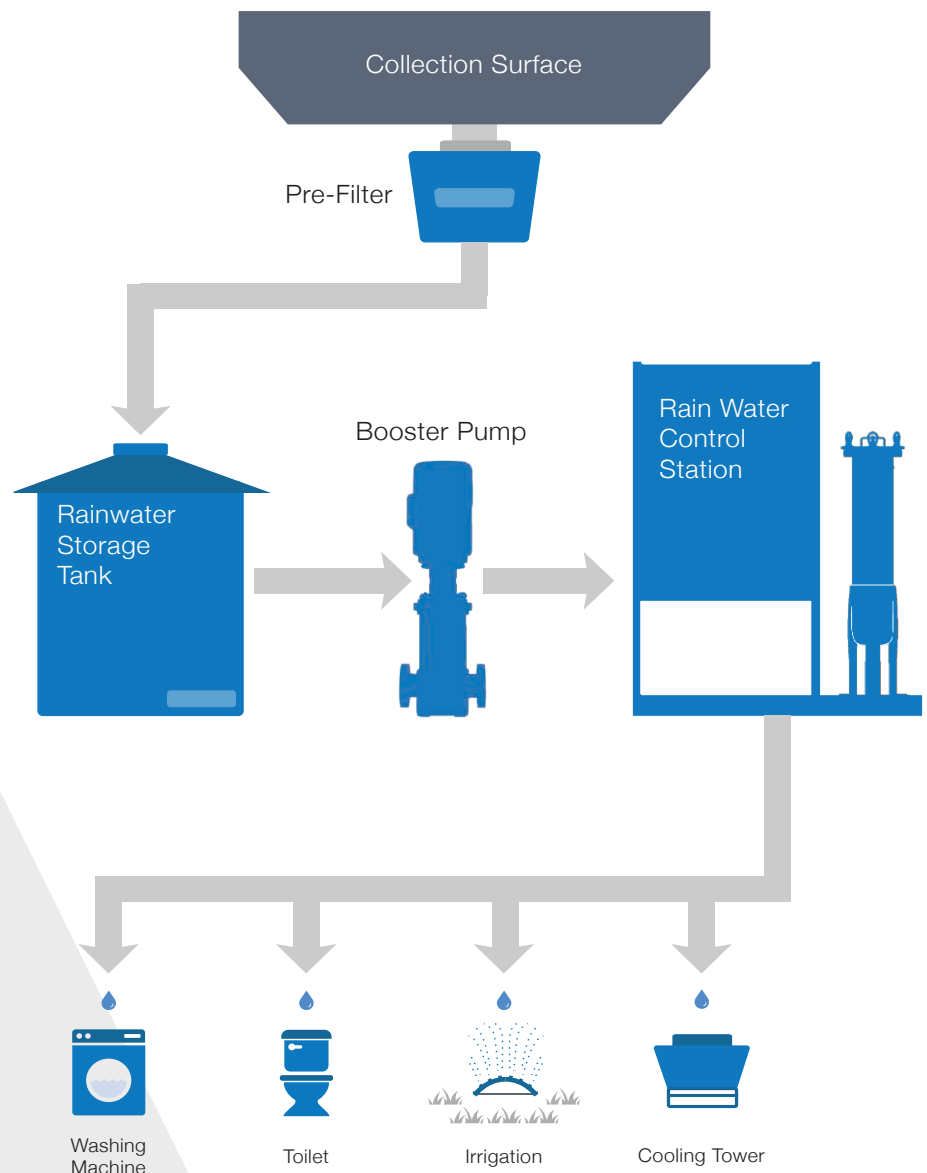


RainCycle System Model

Our commercial rainwater harvesting systems capture, store, pump, and treat rainwater. To be used in irrigation, toilets, washing, and many more applications. Our modular systems can be customized to match the location and project needs.

Modular Design

We design and build our systems using a modular approach. Our experienced engineers bundle the highest quality components to build comprehensive rainwater harvesting systems.



System Components



Pre-Filter

Inlet pre-filters limit the contaminants typically present on the collection area from entering the rainwater storage tank, helping to maintain optimal water conditions in the tank. We offer a variety of options to suit most design challenges.



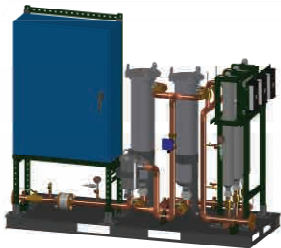
Storage Tank

Watts storage tanks include calming inlets designed to minimize turbulence in the tank during rainfall events, allowing pumps to draw from a cleaner water column. Additionally, calming inlets help mitigate the introduction of air into the pumping system. Pre-installed plumbing connections are available for easy onsite installation.



Booster Pump

Watts gives engineers the ability to select the most efficient pump package based on design conditions and project needs. Standardized pump packages are available with submersible and flooded suction, as well as simplex or duplex configurations. Triplex and other custom pump solutions are available on request.



Rainwater Control Station

Our pre-engineered Watts Control Stations minimize installation costs, maximize uptime, and reduce ongoing maintenance. They simplify rainwater harvesting systems by integrating all filtration, disinfection, and equipment controls. We provide a wide variety of fully documented and pre-engineered packages, or you can work with our engineering team to develop custom designs.



Accessories

From actuated control valves to hydropneumatic pressure tanks, Watts offers accessory products to meet nearly any project design need.

Complete Design Documentation

All of our projects include complete design documentation to ensure the highest possible quality and transparency. We provide:

- Flow diagrams
- Construction Specifications Institute (CSI) formatted specifications
- Submittal packages
- Equipment drawings
- Installation and operation manuals

Benefits of Watts RainCycle Modular Systems

Owner

Highly efficient water conservation

Our rainwater harvesting systems efficiently capture, store, treat, and deliver non-potable water for a variety of end uses. Our systems can also reduce potable water consumption and stormwater runoff.

Single product warranty

Source your rainwater harvesting equipment from Watts for a single product warranty, backed by Watts.

Straightforward maintenance

We design our rainwater harvesting systems for easy servicing, with optional email alerts and factory-stocked consumables.

Service and support

Our team includes technical experts and experienced field technicians who facilitate installation troubleshooting.

Architect/Engineer

Simplified design process

RainCycle modular systems are pre-engineered to simplify your equipment selection. Watts also provides complete documentation for use in construction drawings and specifications.

Compact footprint

Our systems are designed to occupy a minimal footprint for maximum flexibility within the mechanical room. We also offer custom designs based on your requirements.

Seamless integration

We provide equipment designed for simplified 'plug-and-play' operation between the rainwater control station and field-installed components. The rainwater control station can communicate with the building management system for facility monitoring.

Environmental impact

Help meet your project's environmental and stormwater goals, reduce potable water consumption, and contribute to LEED certification.

Robust water treatment capabilities

RainCycle rainwater harvesting systems are built and factory-tested to meet the highest quality standards. Systems can be configured in compliance with ARCSA/ASPE 63 and other rainwater harvesting standards.

WATTS KNOWS WATER

At Watts, we understand the role that rainwater harvesting solutions play in reducing our impact on the environment. We remain committed to providing comprehensive systems for the environmental stewardship of water resources.

