



WE BRING WATER TO LIFE

RainHarvest Systems specializes in products that reuse our most precious natural resource, water. We are a world leader in the design, supply, and support of water harvesting components and systems. RainHarvest services applications from residential to complex commercial systems with reliable products that are easy to use and install. RainHarvest's portfolio of pumps, tanks, filtration, treatment, controllers, and complete systems are readily available and supported by a team of specialists. We bring water to life.



OUR WORK



RainHarvest Systems makes water accessibility possible everywhere around the world. We make water cleaner, available, and reusable. You can select individual components to create your own system, select one of our complete universal systems, or work with our design team to create a custom system for your application. We bring water to life when and where you need it.



Design

Our engineering team can assist in selecting the appropriate components, provide shop drawings, submittal data, and design assistance to meet specific application and project requirements. We're here to help.



Supply

We have the largest and most complete inventory in the world. We only provide top tier rainwater harvesting products from leading manufacturers, such as RainFlo, Progressive Pump & Treatment, Xerxes, Contain, and GRAF.



Install

We can provide on-site consulting and support to ensure a smooth installation process. We also offer complete system installations (restrictions may apply). Contact your representative for assistance with your system installation plans.

OUR MARKETS

Our unparalleled inventory and customizable system designs allow us to provide solutions for nearly any market. A few of the markets we serve include residential, commercial, industrial, irrigation, greenhouse, livestock, and fire protection.

STORAGE

Storage tanks are an integral part of any rainwater harvesting system. We offer durable tanks constructed of corrosion resistant materials such as fiberglass, steel, or plastic. Our storage tanks can be installed above or below ground and feature capacities up to 500,000 gallons. We can help you choose the right storage solution for your application.



Fiberglass Tanks

High capacity, ranging from 600-50,000 gallons



Steel Tanks

Wide range of sizes and configurations, capacities up to 500,000 gallons



Plastic Tanks

Suitable for above or below ground installation, capacities up to 12,500 gallons



Specialty Tanks

Configurations for confined locations, high ground water, and chemical storage applications

PUMPS

Our high-performance pump systems are a great solution for residential, commercial, and light-industrial rainwater collection systems. Available for installation above or below ground, these durable pumps are quiet and reliable.



Flow Inducers

Custom fabricated submersible pump systems provide maximum water quality and yield reuse standards.



Centrifugal Pumps

Purpose built liquid transfer pumps used in various applications.



Submersible Pumps

High-performance universal pumps provide high quality water and are installed submersed in a tank or externally.



Packaged Pump Systems

Complete system that accommodates a submersible pump or skid mounted end suction pump for use in a variety of applications.

FILTRATION

Our filtration solutions include filtration prior to rainwater entering the tank to sediment filtration treatment systems after it leaves the tank. We offer gravity fed and pressurized filtration systems to meet your application needs.



Pre-Filtration

Pre-filtration is filtration that takes place prior to water entering the tank. These are usually gravity fed filter systems. Pre-filtration is typically the only filtration required when using the collected rainwater for irrigation.



Post-Filtration

Post-filtration is filtration that takes place after the collected rainwater has left the tank. Post-filtration systems are usually pressurized systems that filter to a much lower number of microns than typical pre-filters. Post sediment filtration and disinfection is generally required anytime the water will be used for indoor use such as flushing toilets, washing clothes, or shower usage.

WATER TREATMENT

Our water treatment and disinfection systems are able to create potable¹ quality water for indoor plumbing and irrigation applications. We offer powerful UV, sediment, and ozone treatment systems to disinfect and remove particles greater than one micron. Reclaimed water will not be released until it meets a preset, desired disinfection level.



UV Disinfection

UV disinfection modifies the genetic structure of viruses. Our systems continuously monitor UV intensity and report the status for necessary preventative action. Reclaimed water that has gone through our systems can be used for heating, cooling, rinsing, landscape irrigation, and other water-intensive tasks.

Ozone Disinfection

Ozone oxidizes organic contaminants. We use leading edge technology to monitor residual levels and retreat to maintain optimal quality. Our proprietary side stream injection and recirculation techniques deliver maximum odor reduction and substantially improve downstream filtration efficiency through the reduction of organic contaminants and chemical oxidation.

SYSTEM CONTROL

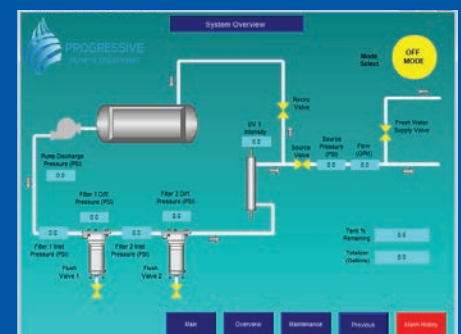
Whether you choose manual or automatic controls, we make monitoring and controlling your rainwater harvesting system easy. Each system is managed by an intelligent control panel. Our PLC (Programmable Logic Control)-based panels feature new industry leading technologies.

PLC Control Panels

Built upon three decades of experience in water treatment and pumping control systems, our PLC-based system is built on the most technologically advanced controls. The PLC-based control panels automate every sequence of operation and enables user-configurable attributes for on-site customization through a full-color touchscreen display. Enhanced sensor monitoring provides real-time and historical analysis of system functions. Remote monitoring can be performed via computer, tablet, or smartphone.

Ozone Generator Control Panels

The integrated ozone generator control panels provide necessary system status indicators for easy operation. Our proprietary systems for oxygen delivery and pre-treatment functions deliver high quality, highly concentrated dosing of ozone to the recirculation loop.



COMPLETE SYSTEMS



RainFlo professional-class complete rainwater harvesting systems are designed with premium components for optimal performance in residential or commercial applications. Above ground or underground systems include water storage, filtration, pumping, and the corresponding hardware and fittings required for a complete system installation.

REUSE AND RECLAIM



We have standard systems that include pumping, automatic pump controls, filtration, disinfection, auxiliary water supply integration, and system controls. Our custom skids can also include recirculation systems, PLC controls, ozone disinfection, verifiable disinfection, communication with building monitoring systems, and auto flushing sediment filtration systems for use in irrigation, indoor plumbing, cooling towers, industrial process water, and other uses.



CONTACT US

Let us help with your rainwater harvesting application. Our experts are readily available to provide assistance, call us at 800-654-9283.

Residential applications: sales@rainharvest.com

Commercial applications: commercialsales@rainharvest.com

¹The ability of RainFlo UV disinfection systems to create potable quality water is dependent on incoming water quality. Refer to the RainFlo UV system product manual for incoming water quality requirements. RainHarvest Systems is not responsible for incoming water quality. Please check with your local authority for applicable codes and guidelines as the ability to use rainwater for potable applications varies by jurisdiction. The suitability of the water quality produced by the RainFlo UV disinfection systems for its intended use must be verified by the system owner through regular testing.