

SkyHarvester™

Rainwater Collection Systems from Orenco®

**Complete packages
for collecting, storing, and pumping rainwater**



Orenco Systems®
Incorporated

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orencos.com

Tradition of Sustainability

For centuries, people around the world have collected rainwater for a multitude of uses. Today, environmentally-conscious consumers are looking for ways to offset the rising cost and limited supply of potable water resources.

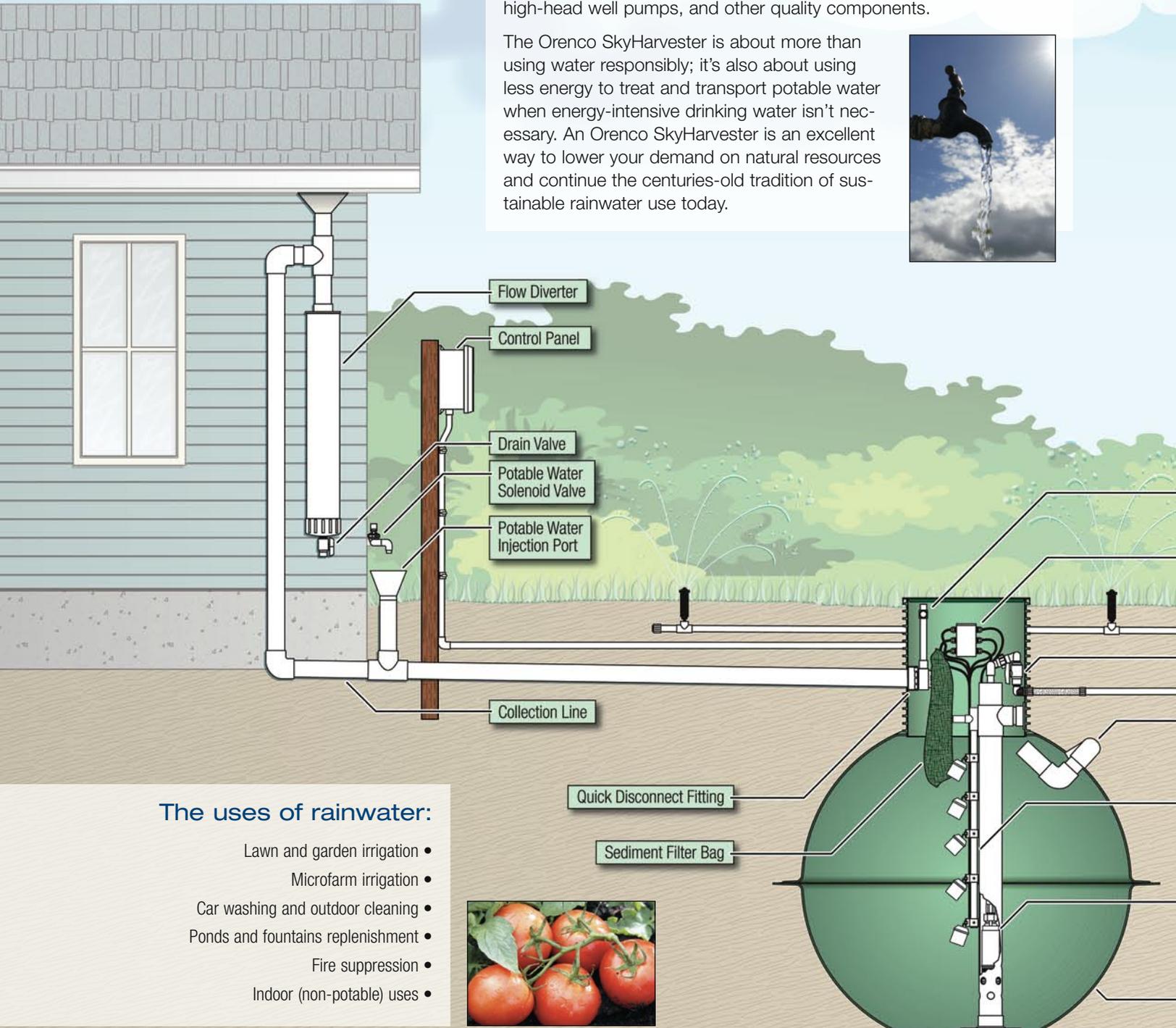


Until recently, very few complete, off-the-shelf rainwater collection systems have been available.

Orengo® now offers the **SkyHarvester™** rainwater collection system. The Orengo SkyHarvester is a complete package for collecting, storing, and pumping rainwater, well water, or water from other sources for non-potable uses. Our SkyHarvester

systems are built using patented Orengo Fiberglass Tanks, Franklin high-head well pumps, and other quality components.

The Orengo SkyHarvester is about more than using water responsibly; it's also about using less energy to treat and transport potable water when energy-intensive drinking water isn't necessary. An Orengo SkyHarvester is an excellent way to lower your demand on natural resources and continue the centuries-old tradition of sustainable rainwater use today.



The uses of rainwater:

- Lawn and garden irrigation
- Microfarm irrigation
- Car washing and outdoor cleaning
- Ponds and fountains replenishment
- Fire suppression
- Indoor (non-potable) uses



Multiple Applications

An Orenco SkyHarvester can be used to supplement or replace potable water for lawn and garden irrigation, microfarm irrigation, ponds and fountains, car washing, outdoor fire suppression, indoor non-potable water use, and in many other situations where using treated and transported potable water is unnecessary and wasteful.



Thanks to the flexibility of the Orenco SkyHarvester system, water can be dispensed three ways: 1) Manually, via hand-operated spigot, 2) Manually, via float switches located inside the tank, and 3) Automatically, via timed doses controlled with an electrical panel.

Catchment Potential

Each 1000 square feet (92.9 square meters) of a home's roof can provide about 600 gallons (2270 liters) of water per inch (25mm) of rainfall.

This rainwater can be collected and used immediately, or stored for drier times of the year. In areas where rainfall is frequent or supplemental water is used infrequently, a small tank may be sufficient. For other areas with infrequent rainfall or where supplemental water is used regularly to wash, water, or irrigate, large tanks or multi-tank arrays can be used. To store the maximum amount of collectible rainwater available, Orenco can supply tanks of up to 50,000 gallons (189,000 liters) through its partner companies.



Complete package shown with 500-gal. tank. Larger tanks available.



Our complete Orenco® SkyHarvester™ package includes:

- 100% watertight tanks and risers
- Underground water storage for low visual impact
- First-flow diverter and primary filter screen
- Fine sediment filter bag
- Automatic flow diversion when tank is full
- Auxiliary potable water injection port
- Fill indicator
- American-made, energy-efficient Franklin 1/2 hp (0.37 kW) well pumps with 10-50 gpm (40-190 lpm) pump rates

Options

- Orenco tanks from 500-2000 gal. (2000-6000 liters)
- Non-Orenco tanks up to 50,000 gal. (189,000 liters)
- Multi-tank arrays for greater storage capacity

Orenco's SkyHarvester™



Orenco Systems is owned and managed by engineers who develop water and wastewater systems that work — systems based on sound science. From left to right: Eric Ball, P.E., Jeff Ball, P.E., Hal Ball, P.E., (front) Terry Bounds, P.E.

Carefully Engineered by Orenco

Orenco Systems has been researching, designing, manufacturing, and selling environmentally-sustainable products for small-scale water and wastewater systems since 1981. The company has grown to become an industry leader, with more than 250 employees

and 100 distributors and dealers representing most of the United States, Canada, Australia, New Zealand, and parts of Europe. Our systems have been installed all over the world, on some of the world's most environmentally sensitive sites, and



Orenco's 23-acre headquarters is located in Oregon — a state known for its environmentally sustainable practices.

showcased in many sustainable building projects.

Orenco maintains an environmental lab and employs dozens of engineers, scientists, and operators. Orenco's systems are based on sound scientific principles of chemistry, biology, mechanical structure, and hydraulics. As a result, our research appears in numerous publications and our engineers are regularly asked to give workshops and offer trainings.



Distributed by:



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*Changing the Way the
World Does Wastewater®*

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