Rainwater Harvesting Systems

Conserve water
Reduce costs
Save money

Good for the planet
Good for the environment
Good for you

Rainwater harvesting offers significant economic and environmental advantages!

Only one percent of the water we use every day is used for personal consumption. The rest is used to clean, flush toilets, shower, water the lawn, irrigate gardens, wash cars, fill swimming pools, do laundry and complete other household chores. For this reason, rainwater harvesting is practical and offers significant ecological and economic advantages!

Only 1% of the water we use every day is used for personal consumption.

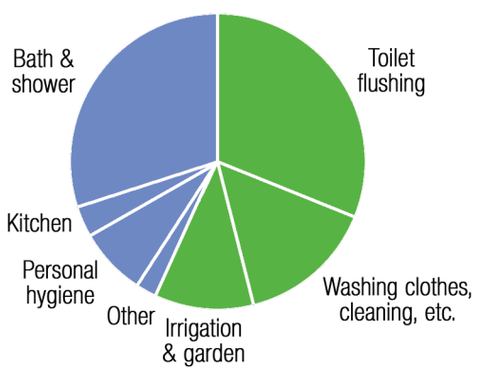
Rainwater harvesting advantages:

- Reduces water consumption
- Cuts costs
- Preserves groundwater supplies
- Counters rising costs for water and sewage
- Relieves strain on sewer networks because rain is retained for later use

Uses for "free" rainwater include:

- Irrigation
- Watering the garden
- Flushing toilets
- Washing clothes
- Car washing
- Cleaning
- Filling swimming pools
- Household use (with the proper filtration and disinfection)

A 3,000 square foot roof (50' x 60') for example, will potentially harvest 825 gallons of water during a rainstorm, equal to 1/2 inch of rain. This is soft, usable water!



Household Water Usage
Note: Drinking water is less than 1%.

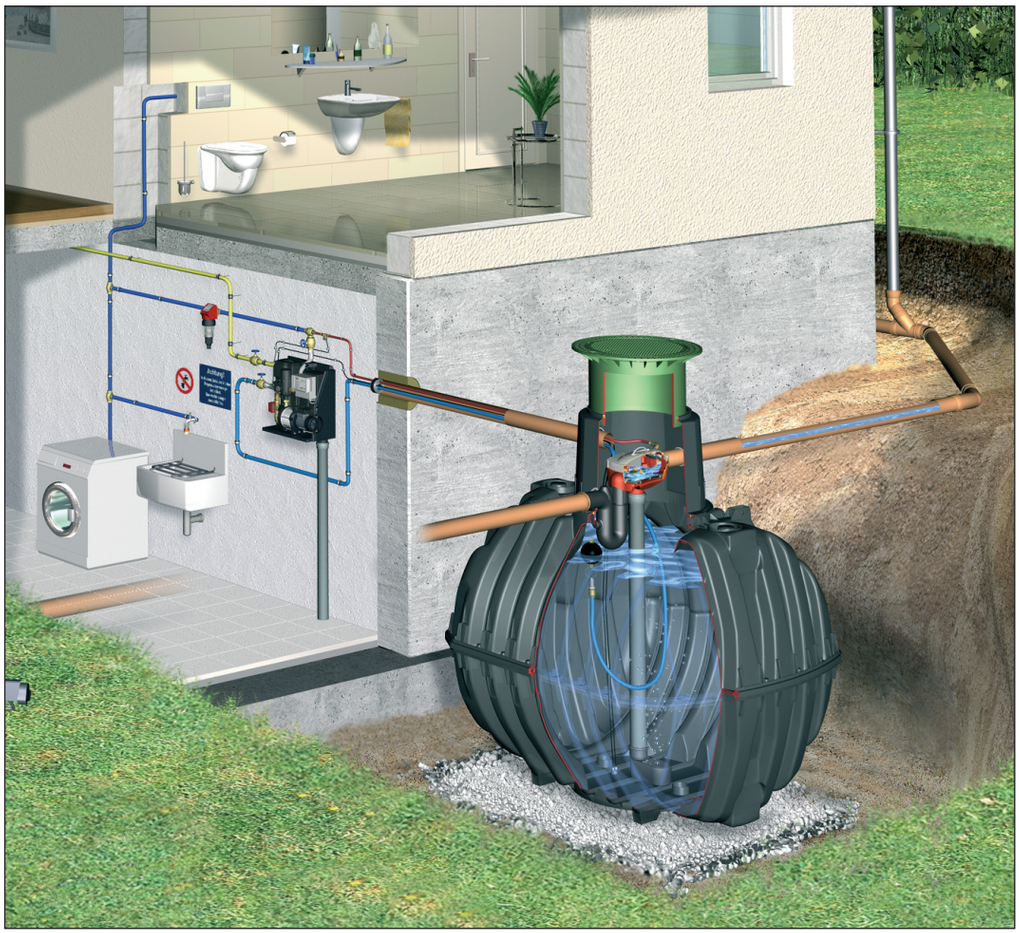
Save 55% or more by harvesting rainwater

We estimate more than half of the water we use each day can be replaced with rainwater, without any inconvenience. This amount includes flushing toilets, washing clothes, cleaning, watering the garden and irrigation.

This can potentially save 60,000 gallons of water on an annual basis for a family of four using 300 gallons of water per day!

Carat® Tanks

Carat high capacity tanks are ideal when in-ground installation is desired and if large amounts of rainwater is required. Carat tanks come with rotating dome shafts which telescope to allow for adjustment, making installation much easier! Two filter types and several pump options are available for water supply.



NOTE: Optional cast iron covers are available for vehicle loading. External filters are also available for in-ground installations.

Specifications

Type
Atmospheric (not under pressure).

Use
In-ground installation.

Capacity
1,700 U.S. Gallons (6,500 L).

Dimensions & weight

Length:	94.1" (2,390 mm)
Width:	86.2" (2,190 mm)
Height:	106.7" (2,710 mm)
Weight:	485 lbs. (220 kg)
Earth covering:	29.5" - 47.2"
Load:	Car bearing with iron cover to 4,900 lbs.

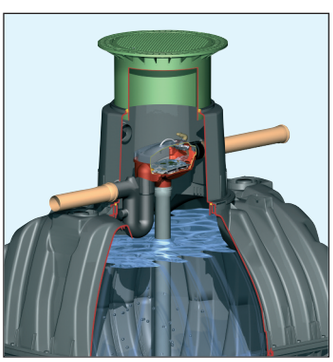
Construction
Carat tanks are made from Duralen®, an extremely rigid, high impact resistant material. Tanks are manufacturered in two sections using an injection compression molding process. They are stackable for shipping and handling advantages.

Limited warranty
Carat tanks come with a 15 year limited warranty (see warranty for details).

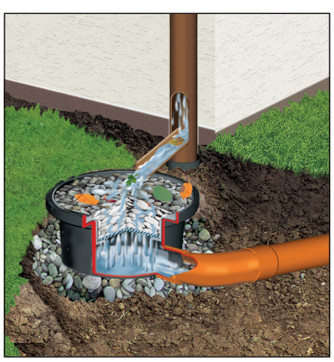
Carat tanks are ideal for in-ground installations and when large amounts of rainwater is required.

Filters

Two filter types are available for Carat tanks, including automatic and external.



Automatic Filter
Installed inside tank.



External Filter
Available for in-ground installations for use with all tank types.

Pumps

The EcoRain Console or submersible pump may be used to supply water where needed.

EcoRain Advanced System
Supplies water to house with automatic switch to water supply when tank is empty.

Submersible Pump
Typically used to supply rain water to an irrigation system.

Herkules® Tanks

Herkules tanks are an excellent choice when both price and performance are important considerations. Manufactured from glass-reinforced polypropylene in two sections, Herkules tanks are easy to ship and handle. Typically, tanks are assembled on site using our patented, quick-connect system.

Caution: Empty above ground tanks prior to freezing weather.

Specifications

Type
Atmospheric (not under pressure).

Use
In-ground or on ground installation.

Capacity
421 U.S. Gallons (1,600 L).

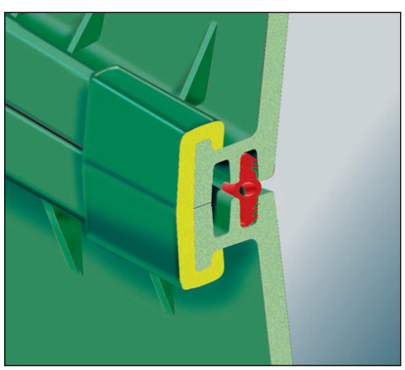
Dimensions & weight

Height:	63" (1,600 mm)
Width, max:	53" (1,350 mm)
Width min:	43" (1,090 mm)
Weight:	132 lbs. (60 kg)

Construction
Herkules tanks are made from glass-reinforced PP, which is UV stable and 100% recyclable. Tanks are manufactured in two sections so they may be stacked for shipping and handling.

Limited warranty
Herkules tanks come with a 10 year limited warranty (see warranty for details).

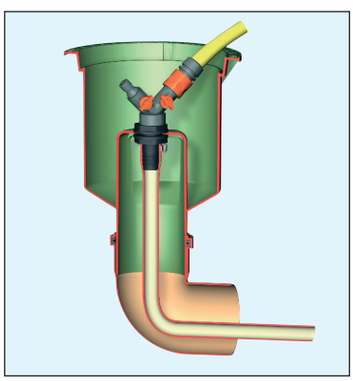
Manufactured in two sections and stacked eight per pallet. Herkules tanks are typically assembled on site using our easy installation instructions.



Top and bottom tank sections are connected and sealed with our patented, quick connect system. No screws or bolds required!

Herkules tanks are an excellent choice when both price and performance are important considerations!

Jet Pump
Ideal for above ground installations.



Water Hose Connection Box

Top® Tanks

Top Tanks are ideal for budget-minded consumers and when on-ground installation in desired. Top Tanks are lightweight, easy to handle, easy to install and manufactured in two sections.

Specifications

Type
Atmospheric (not under pressure).

Use
On-ground only.

Capacity
343 U.S. gallons (1,300 L).

Dimensions & weight

Height:	63" (1,600 mm)
Width, max.	45.7" (1,160 mm)
Width, min.	37" (940 mm)
Weight:	13.6 lbs. (30 kg)

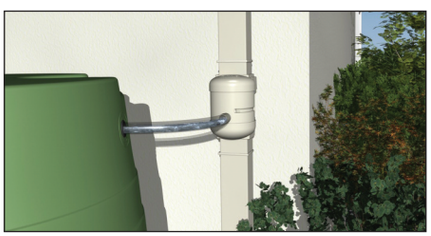
Construction
Top Tanks are manufactured from UV resistant PP, 100% recyclable.

2 Year Limited warranty

Caution: Empty above ground tanks prior to freezing weather.

Accessories for rainwater harvesting

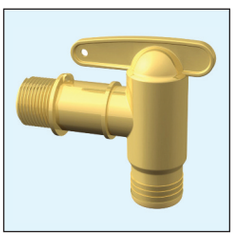
We offer a complete line of tanks, pumps and accessories for rainwater harvesting, and we inventory these items at Watts distribution centers throughout the United States. Our equipment is also available from our international distributors in select countries. For more information please inquire.



Downspout Filter For Above Ground Tanks

Cut-out Tool

Seals



Tank Faucet

PART NUMBERS	DESCRIPTION
Tanks & accessories	
WRWHS-CARAT1700	Carat tank, 1700 gallon, Duralen®, grey
WRWHS-HERK	Herkules tank, 421 gallon, green, reinforced polypropylene
WRWHS-TOP	Top tank, 343 gallon, green, polypropylene
CARAT-AMDS	Adjustable mini dome shaft for Carat tank, people load bearing
Filters	
AF-CARAT-1700	Auto filter with inlet pipe, overflow trap, sleeve
MF-CARAT-1700	Manual basket filter pkg. with inlet pipe, overflow trap & Spannfix sleeve
POTFILTER	Pot filter for in-ground installations (external to tank)
Pumps	
ECORAIN-ADV	EcoRain Advanced Console, pump, controls (connects to house); 110 volt
ECODIVER	Submersible pump with run dry protection, 45' cord, 1", 110 volt, 1.2 HP
ECOJET	Self priming jet pump, 1 HP, 110 volt
Accessories	
QUATTROTWIST	Quatro-Twist down spout filter with 1" hose (for above ground installations)
SUCTIONSET	Hose with foot valve for external jet pump
PEHOSE	PE hose for pump discharge
FLOATEXT-FINE	Floating extraction set with fine screen
WATERCONBOX	Water connection box
HERK-CSP	Center support pipe for Herkules tank for in-ground installations
HERK-TD	Tank dome for Herkules tank in-ground installations
SLEEVE-100	Quick assembly Spannfix sleeve for DN 100 pipe (4")
SEAL-70	DN 70 seal
SEAL-100	DN 100 seal
COT-70	DN 70 hole cutter
COT-100	DN 100 hole cutter
WALLDUCT-100	Wall Duct DN 100 (to pipe system through wall of house)

Watts Rainwater Harvesting Systems

Good for the planet. Good for the environment. Good for you!

Harvested rainwater has many uses. However, do not drink water that is microbiologically unsafe or of unknown quality unless adequate disinfection is provided.

At Watts, we supply a wide range of equipment, designed to improve water quality and help meet potable water requirements. This equipment includes mechanical filtration, cartridge filters, backwashing filters, water softeners, reverse osmosis systems, chlorination equipment and UV disinfection systems.

We market this equipment, worldwide through a network of distributors and dealers who are trained to provide solutions to local water quality problems.

Caution:
Do not drink water that is microbiologically unsafe or of unknown quality unless adequate disinfection is provided before or after a system.

GRAF®

B-WQCP-Rainwater 0839