

## Tomorrows Water Solution Today

Sunshine or showers rainwater harvesting makes sense. Stored rainwater can be used for any non-potable application. During heavy downpours the tank stores excess water and helps prevent flash flooding.

### Official Pressure is on

With population growth the stresses on mains water supply increases, targets have been set to reduce demand. Building Regulations, the Code for Sustainable Homes and BREEAM now regulate how much water we should be using. Rainwater harvesting is key to meeting these standards.

Shallow dig design allows cost effective and simple installation as considerably lower levels of excavation are needed. The F Line is available in 4 sizes;



- 1500 litres L2400 x W1200 x H1015mm
- 3000 litres L2400 x W2400 x H1015mm
- 5000 litres L2960 x W2220 x H1350mm
- 7500 litres L3340 x W2310 x H1415mm

### SUDS-Sustainable Urban Drainage Systems

Storm Attenuation Crates - Designed to store surface water and release it slowly into the ground. We can calculate the number of crates required for a given volume and surface area.



**RainWater Harvesting Limited,**  
Unit A Harrier Park,  
Southgate Way,  
Orton Southgate,  
Peterborough PE2 6YQ



[www.rainwaterharvesting.co.uk](http://www.rainwaterharvesting.co.uk)

## Reasons To Use Rainwater Harvesting Ltd

- We design, develop and manufacture our systems such as the Rain Director® and Rain Backup In a Box®, in house, in the UK.
- Plumber and builder friendly systems easy to install.
- Quality products at competitive prices.
- Range of tank sizes: From 1500 to 7500 litres.
- All products ex stock from our 65,000 sqft warehouse.
- Full after sales and technical support.

## Your Checklist

- Is there a comprehensive tank size calculator to work out the size of tank required?
- What is included in the system? Does it include everything you need for a full install?
- Would you benefit from a shallow dig tank?
- Concrete free tank installation?
- Do you require a direct feed or gravity fed option?
- How much will the system cost to run? Is there a low energy option?
- Does the system have smart user functionality?
- Is the system WRAS approved?
- Is the system easy to maintain?
- Does the system come with easy to understand instructions?
- Does the system include a high quality pressure sensitive pump?
- Is full technical support included?



RWH-S-DL01

For best prices, order online at:  
[www.rainwaterharvesting.co.uk](http://www.rainwaterharvesting.co.uk)

Phone us on 0800 074 7234  
or email us at:  
[sales@rainwaterharvesting.co.uk](mailto:sales@rainwaterharvesting.co.uk)



**Save Water. Save Money.**  
**Use the water off your roof.**

## Reasons To Use Rainwater Harvesting

- Rainwater can be used for toilets, washing machines and outside use.
- Savings up to 50% on mains water bills.
- Makes environmental sense. No need to flush drinking water down the toilet.
- Perfect for garden use even during hose pipe bans.
- Low running costs: Full domestic systems with running costs less than 1p per person per day to run.
- Plumber and builder friendly systems easier than ever to install.
- Helps alleviate flooding: Rainwater harvesting systems act as storm attenuation devices.
- May aid planning permission.

Rain collected off the roof is stored in tanks preferably underground. The size of tank depends on the roof size, local rainfall and usage requirements. The larger the tank capacity, the longer the water will last and therefore bigger savings on water bills. Calculate the recommended tank size using our online calculator.

Shallow Dig tanks allow for simple and cost effective installation, with minimal excavation.

Rainwater is filtered before entering the tank and a pump in the tank supplies the water to where it is needed.

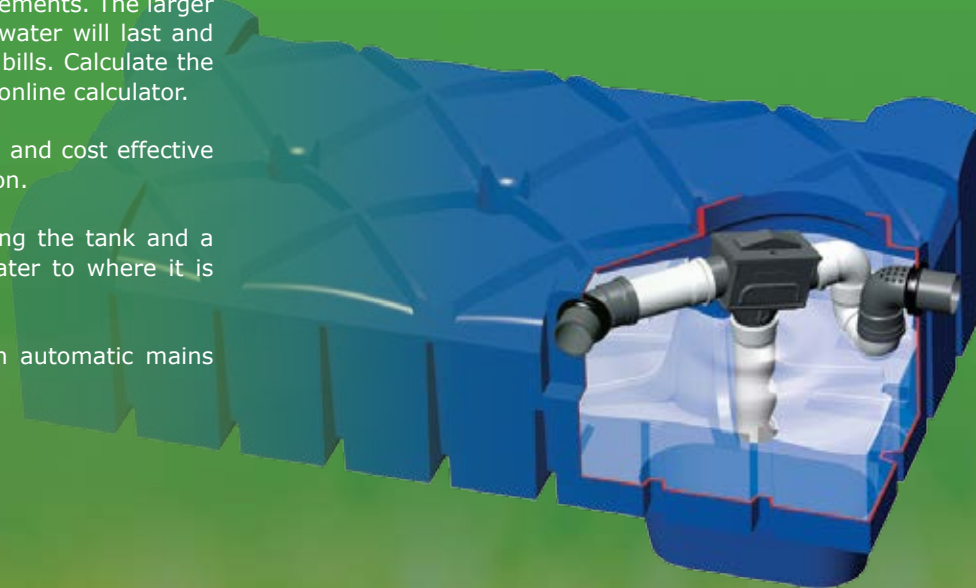
All domestic systems will have an automatic mains backup if the rainwater runs out.



## Direct Feed

In a direct feed system, the pressure-sensitive pump in the storage tank supplies rainwater straight to appliances in the house or for use in the garden. The pump operates whenever water is requested.

Direct feed systems usually come with the **Rain Backup in a Box**<sup>®</sup> which provides a simple and inexpensive mains back-up solution that puts a few inches of mains water in the underground storage tank when rainwater runs out.



## Gravity Feed

In a gravity feed system, rainwater is pumped from the main storage tank to a header tank that feeds the rainwater by gravity to where it is needed.

The **Rain Director**<sup>®</sup> provides an intelligent solution to radically reduce energy usage and running costs. Pump activity has been reduced to the minimum as the pump only works when the header tank is nearly empty rather than every time water is drawn. The header tank is controlled by sophisticated electronic level sensors

- Fewer pump cycles; uses less power than other systems and prolongs pump life.
- Computer-controlled fail-safe mains back up even during a power-cut.
- If rainwater is not available, the **Rain Director**<sup>®</sup> automatically fills the header tank with mains water.
- No pump noise.
- Manual mains control for flexible use of rain or mains water in drought conditions.
- Refreshes the water in the header tank if not used for 3 days.



The **Rain Director**<sup>®</sup> is a WRAS and Water Wise approved rainwater management system.

**Half your water bill. With running costs from 1p per person per day.**