

Advantages of the JFC Overground Rainwater Harvesting System:

- No ground excavation required
- Simple to retro-fit
- Extra hydrostatic pressure
- Easily accessible
- Bespoke systems sized and tailored to suit your needs



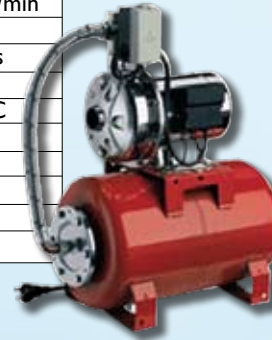
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|---------------------------------|---------------------------------|
| 1. 110 mm inlet pipe | 6. Calming shoe |
| 2. 110 mm overflow pipe | 7. Mains top up level indicator |
| 3. Optimax self cleaning filter | 8. 1" pump connection point |
| 4. Overflow siphon with skimmer | 9. 2" clean out port |
| 5. Floating extraction filter | |

Industrial Scale Underground Systems also available:

- Connection with several buildings and down pipes
- Larger storage volumes available
- Not Limited by height of gutter
- Multiple points of access for inspection purposes

- Floor mounted self priming pump
- 60-80 Litre expansion vessel
- Pressure control with dry run protection
- Integrated pressure gauge
- Large range of models

Specification	
Flow rate on eco-rain 1	20-70 l/min
Flow rate on eco-rain 2	20-140 l/min
Max. operating pressure	5 bar
Max. total lift	8 meters
Max. ambient temp.	40° C
Temp. of pumped liquid	0 - 40° C
Protection	IP55
Self priming	YES
Exp. vessel on eco-rain 1	60 litres
Exp. vessel on eco-rain 2	80 litres
Minimum mains pressure	8 psi



Mains Top Up Kit

- Tops up tank with mains water when running low on rain water
- Top up level easily adjusted
- No power required
- No solenoid valve
- Simple and effective solution

There are a number of other pump options. JFC can advise the best solution for you – Just Ask!

The Power-Rain pump system, as shown on page 3, can also be used in conjunction with agricultural and commercial rainwater harvesting systems.



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Rainwater Harvesting Systems for Commercial, Agri & Domestic Use



Saving you money every time it rains

Are you having problems with poor water supply?

- Inadequate pressure
- Interrupted supply
- Poor water quality



Is water costing you too much?

- Rising water charges
- Further increases planned
- Less money in your pocket

Having difficulties with planning regulations?

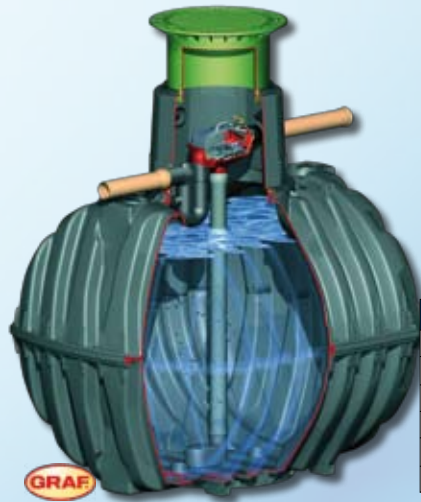
- Rainwater harvesting systems looked upon favourably by planners
- Help to mitigate problems caused by flooding
- Environmentally friendly and saves valuable drinking water

JFC Rainwater Harvesting Systems are the Solution!

Reduce your water charges by as much as 50%!

Our House and Garden Systems are

- Easy to install and maintain
- Offered with self cleaning filters – giving 95% water yield
- Economically priced



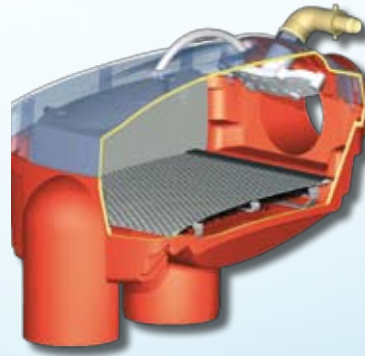
Storage Tank Sizes

3750 Litre
4800 Litre
6500 Litre
7500 Litre modular
9600 Litre modular
13000 Litre modular

Advantages:

- Economical (Reducing water charges by as much as 50%)
- Environmentally Friendly
- Easy to install and maintain
- Soft water – No more Limescale

Optimax Self Cleaning Filter



- Self cleaning
- Low maintenance
- 95% water yield
- Easy access
- Transparent lid
- Roofs area up to 350 m²
- Standard 100 mm Connections

Power-Rain Pump System

- Wall mounted control panel consisting of a self priming pump with integrated mains backup
- The unit uses water in the tank when available, if the tank is running dry it automatically switches to mains water in the control panel
- Mains water never enters the rainwater storage tank
- The controller switches the pump on and off with demand with integrated dry run protection
- The mains water feed is in accordance with EN1717 for backflow prevention

Specification

Flow rate	20-100 l/min
Max. operating pressure	4 Bar
Max. total lift	8 meters
Max. ambient temp.	40° C
Temp. of pumped liquid	0 - 40° C
Protection	IP55
Self priming	YES
Expansion vessel	60 litres
Minimum mains flow rate	12 l/m



FACT!

"The average person uses approx 22,000 Litres of water per year for flushing the toilet alone!"

"All mains water is treated to potable quality, yet less than 1% is used for human consumption."

- Full range of above the ground and below ground tanks available
- Range of filter options depending on application
- Large range of pump options available

Commercial & Farm Rainwater Harvesting Systems

Simple and effective solution for:

- Vehicle wash down systems
- General power washing & cleaning
- Farmyard applications
- Varying pump options available
- Systems from 1000 litres ... upward
- Modular tank systems suitable for future expansion plans



Rainwater harvesting is used for a variety of commercial and agricultural applications including:

- **Commercial:** Flushing toilets, cooling for industrial machinery, washing industrial plants, colleges, schools, crèches etc.
- **Agricultural:** supplying drinking water to animals, spraying, wash downs, horticulture etc.
- **Public buildings:** flushing toilets, washing, laundry etc.

Options available:

1. **Underground-Single** or modular systems
2. **Overground-Single** or modular systems