



RAINWATER CAN
BE USED FOR:

- TOILETS
 - WASHING MACHINES
 - OUTSIDE USE
 - CAN SAVE UP TO 50% OF MAINS SUPPLY
- Intelligent mains water management system.

Low energy system.

Automatic mains water switchover if storage tank is low.

Fail safe mains backup.

Auto-refresh function cycles water every three days.



Made in Britain

Rainwaterharvesting.co.uk



**GRAVITY
FEED**

WHAT IS THE RAIN DIRECTOR?



Rainwater falls onto the roof and is collected by the gutters. It flows into the down pipe, filtered and stored in an underground tank.

- 1 Rainwater is pumped from the underground tank through the control panel up to the Smart Header Tank within the loft space.

 - Rainwater inside the Smart Header Tank will gravity feed down to toilets and washing machines, until the Smart Header Tank is nearly empty.
 - Inside the Smart Header Tank there is a sensor bar. When the water level drops to a low point on the sensor a message is sent to the control panel to allow the Header Tank to fill.
 - Rainwater will fill the Smart Header Tank until it reaches a full point on the sensor bar. The pump will then shut off and not run again until the water level drops to the low point on the sensor bar.
- 2 The control unit automatically registers when rainwater is unavailable and fills the Smart Header Tank with mains water.

 - This means only a minimum amount of mains water is used until the next rainfall.
- 3 Finally, if the water within the Smart Header Tank is left unused, the system will automatically refresh the water every three days to protect against any issues with water quality.

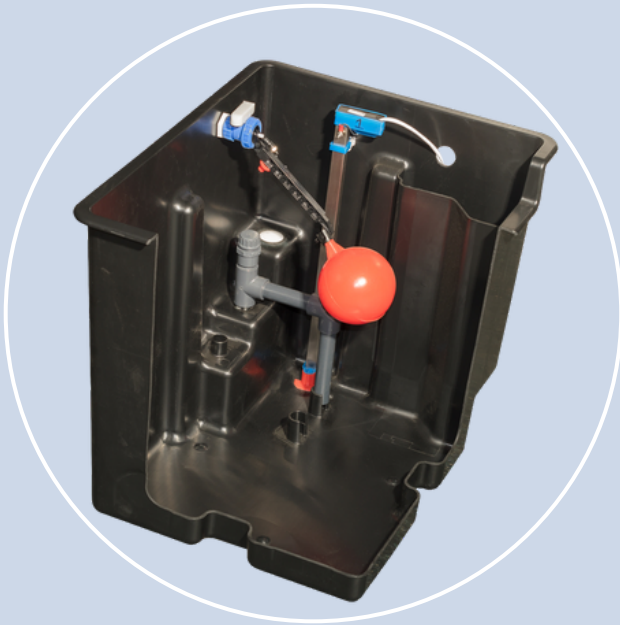


*Learn more about the Rain Director with our short video on our website:
www.rainwaterharvesting.co.uk*

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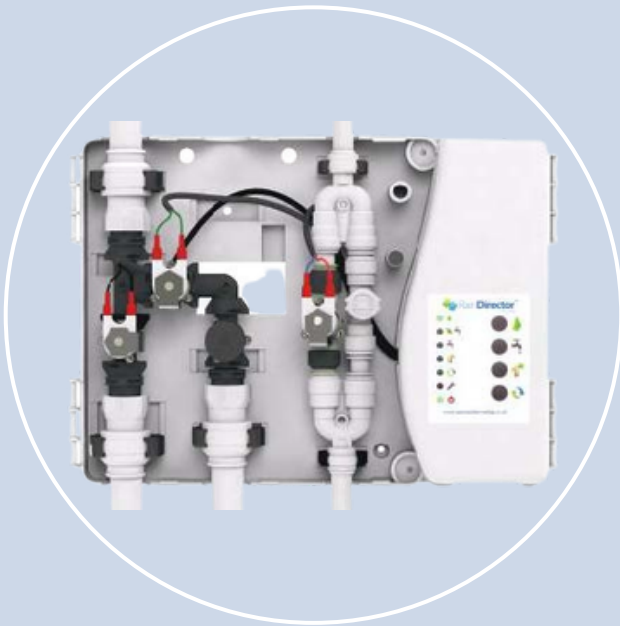


SMART HEADER TANK



- Sensor Bar.
- Fail safe overflow capable of coping with both rain and mains water.
- AB air gap.
- 100 litres capacity.
- 600mm (W) x 490mm (H) x 500mm (D).

CONTROL PANEL



- Mains water feed and manual bypass.
- Rainwater feed.
- Auto-refresh after three days.
- Electronic solenoid valve.
- Control panel with push buttons and light indications.
- Safe and efficient 12v power supply.
- 380mm (W) x 270mm (H) x 95mm (D).

HYDROFORCE PUMP



- British made high quality submersible pump.
- Pressure sensitive.
- Dry run protected.
- Patented design.
- 2 year warranty.
- 490mm (W) x 300mm (H) x 220mm (D).

Rain Director Award Winning Smart Features



» Rain Mode (Normal Mode):

System will use rainwater within the home. If rainwater is not available in the underground storage tank, the system will automatically register and switch over to mains water.

» **Mains Water Mode:** Press during a dry period or hose pipe ban to run internal appliances on mains water and conserve rainwater for garden use.

» **Holiday Mode:** If leaving the home for a prolonged period of time (over 1 week) press the holiday button to empty the header tank and refill with treated mains water. This prevents water quality issues. When the system is used again it will automatically revert back to rain mode. It may be sensible to flush each toilet twice to leave treated water in the cistern and bowl.

» **Refresh Function:** If no activity is registered the system will automatically refresh the water within the smart header tank every 3 days. The system will drain the smart header tank back to the underground tank, and refill the smart header tank with fresh rainwater. This guarantees high quality water with no risk of discolouration or smells. Although the system refreshes automatically, the user can press the button to refresh the system at any point.

Energy Efficient Rainwater Harvesting

- Low energy using 6-8 times less electricity than other rainwater harvesting systems
- Running costs less than 1p per person per day
- Provides water in every situation: Low rainwater, power cut or pump failure
- Smart user functionality
- Plumber friendly install, with easy to follow, picture based instructions
- No pump noise



SuDS Innovation from Rainwater Harvesting Ltd



Sustainable Drainage System (SuDS)
Where drainage is a problem

- Limit stormwater discharge rates.
- Planning authority recognised Micro Drainage (TM calculations included).
- Industry leading low discharge rates.
- Can combine rainwater harvesting with SuDS.



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