

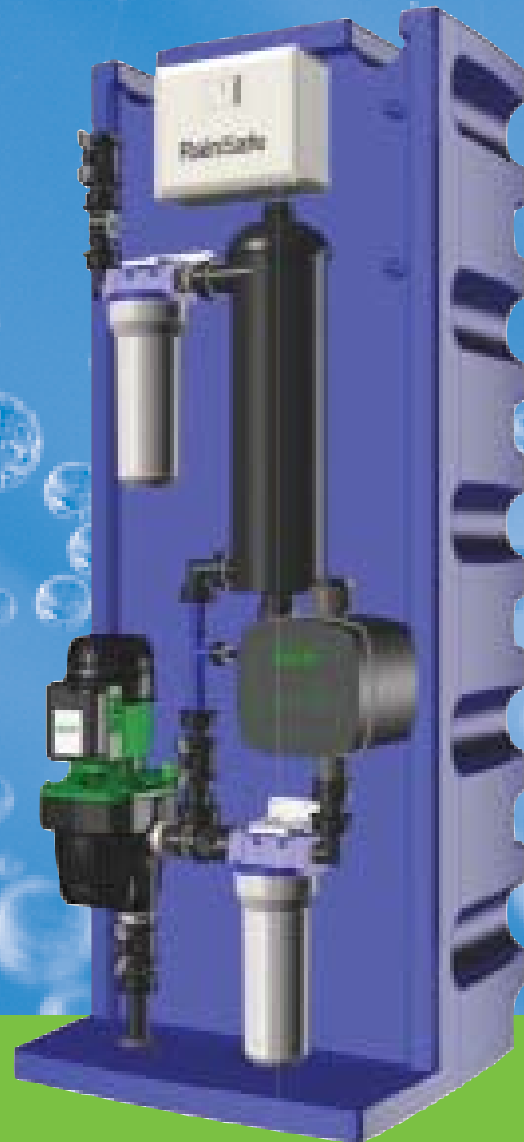
RainSafe®

Pure Drinking Water Harvested From Nature



RainSafe® Delivers

A simple and safe way to convert harvested rainwater to pure, fresh drinking water. RainSafe® uses natural, chemical free, forms of water sanitization, UV light, ozone and filtration, to convert rainwater into fresh water for all your household needs. RainSafe® delivers all of your household-water for less than 50c per m³ making it substantially more cost effective than municipal water charges or other water filtration systems.



RainSafe® Benefits

Pure water is a scarce natural resource that falls on your roof as rainwater. You can harvest this resource and with the help of RainSafe® you can produce safe, clean drinking water for 100% of your household needs.

The RainSafe® system is chemical free and uses UV light and Ozone to produce pure drinking water. It has an inbuilt refresh system, patent pending, ensures that you have continually refreshed water whenever you need it.

It is simple to install and can be retrofitted to your existing plumbing system or integrated into your new build. This innovative system will deliver 2 bar pressure (36 psi) and a flow rate of 50l/min. (13.2g/min).

The RainSafe® Promise

- Pure, fresh drinking water from rainwater
- Highly cost effective compared to mains water at <50c per m³
- Uses 90% less energy compared to existing UV and other domestic filter systems
- Can be retrofitted to existing plumbing with minimal disruption
- Delivers up to 100% of household water requirements
- Natural water sanitization with UV Light and Ozone
- Integrated refresh system to ensure plentiful, fresh drinking water on demand.

RainSafe® Technical Summary

1 Purification RainSafe® uses UV light, Ozone and filtration to produce potable water from harvested rainwater. Harvested water is filtered to 5µm before the UV sanitisation. The single powerful preheated UV source both sanitises the water and produces Ozone which is mixed with the sanitised rainwater within the RainSafe® tank. This refreshes the water, and provides residual sanitisation. Ozone also acts as a micro-flocculent to enhance the cleansing ability of the RainSafe®. The UV lamp switches on and off automatically which achieves at least a 90% energy saving over conventional single source UV Sanitizing systems.

2 Storage Treated water can be stored indefinitely without the addition of Chlorine; this is achieved using a clever refresh system in a closed loop between the RainSafe® and the Rainwater harvest tank. This prevents the waste of valuable water.

3 Distribution When required the potable water is pumped at 2 bar pressure (36 psi) and a flow rate of 50l/min. (13.2g/min) from the RainSafe® tank through a 5µm Carbon filter. This filter returns any remaining Ozone to Oxygen, and collects any flocculated particles. RainSafe® Water is delighted to be using the DWT Eurocom® pump and controller, which is an industry leader in energy efficiency, within the RainSafe® system.



Rain water treated in the RainSafe® provides 100% of household water.

- ✓ Drinking water from harvested rain
- ✓ Low running cost
- ✓ Reduce your water bills
- ✓ Easy to install

Environmental Benefits

Harvested rainwater is treated in the RainSafe® which provides 100% of household water. This is 50% more than traditional water harvesting systems, therefore it reduces the demand for municipal water.

The exceptional quality of the drinking water produced by RainSafe® decreases the environmental impact of bringing water from municipal reservoirs to homes, and from bottled water distribution and disposal.

RainSafe® makes ecological, environmental and economical sense.



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