



grey water recycling and rain water harvesting

june 2010



- solution for the Code for Sustainable Homes Level 6
- saves money
- helps save the environment

VADO



the need . . .

In recent years [VADO](#) has focused on innovating and providing water saving solutions.

Water saving has been achieved by [VADO](#) to reduce usage per person per day from 150 litres to below 105 litres in line with Code for Sustainable Homes Level 3-4 and well within the requirements of Part G of the Building Regulations.

However, water shortage continues to be a problem, forcing legislation to pave the way for stricter sanctions to reduce wastage. We take the view that this does not have to impact on performance.

the story so far . . .

H₂ Eco by VADO provides a water saving solution at the point of use on taps and showers.

H₂ Eco allows you to save up to 50% on water consumption compared to using standard non-**H₂ Eco** taps and showers.

The savings on utility bills for individual home owners and commercial buildings can be significant and Level 3-4 of the Code for Sustainable Homes is achieved.

If more water savings are desired or if Level 6 of the Code for Sustainable Homes is to be met, there needs to be a different and additional solution to

H₂ Eco . . .

life LIF-HEAD/18/SA-C/P



soho SOH-109S-C/P

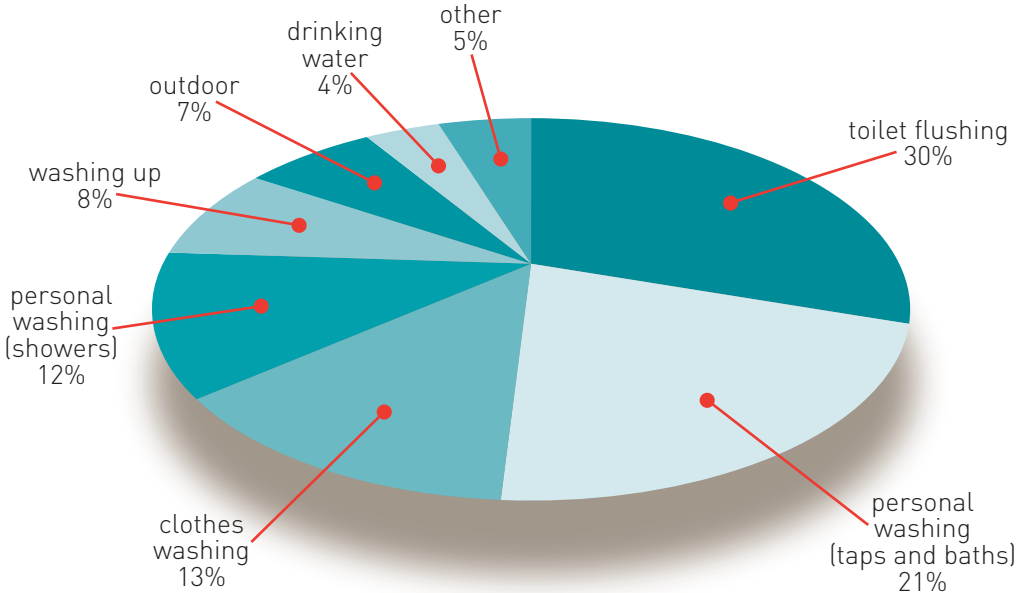


synergie SYN-100-C/P



grey water solution . . .

We flush clean drinking water down our toilets every day. Toilet flushing has been calculated to account for 30% of our domestic water usage.



We use a further 21% in the basin and bath and 12% on showering, totalling 33%.

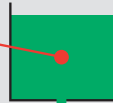
The new **VADO hydrocyc™** recycles the water used in these areas of the bathroom (known as grey water) and treats it to well beyond the safety standards to be used for flushing the toilet.

This allows the water usage per person per day to reach under 80 litres when combined with **Eco^{H2}** regulated taps and showers.

how it works . . .

Water feeds from the basin, bath and shower by gravity into the 

treated water header tank
(supplies water to lavatory only)



grey water from
shower, bath
and basin



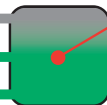
treated water
supplied to
the cistern



 treated water

 treatment unit
(can be located
in the kitchen,
laundry room,
garage or under
the stairs)

waste
from the

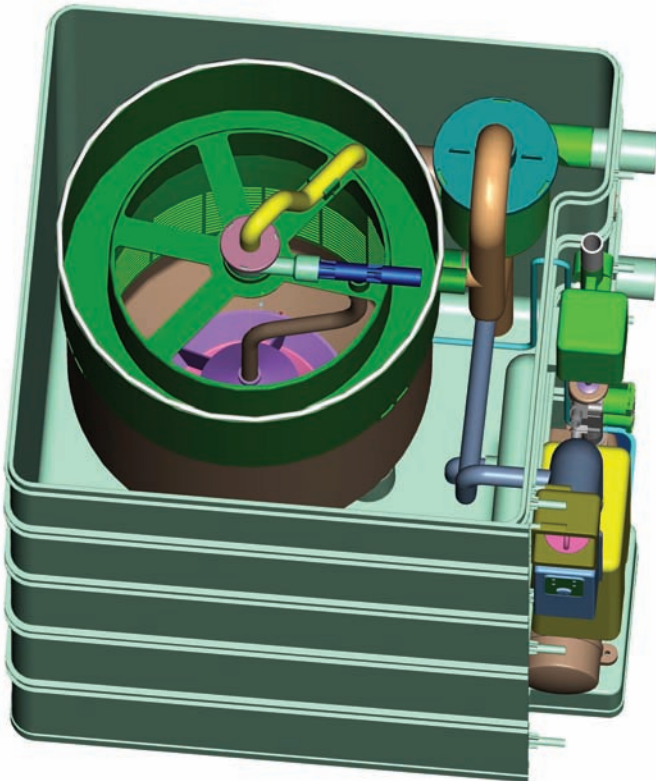



Using patented cyclonic technology water is treated and then pumped back up to a header tank to be used for toilet flushing.

key features of hydrocyc . . .

Treats water beyond standards required in BS8525 to be published in early 2010.

- compact
- affordable
- patented self cleaning technology
- easy to install
- low maintenance
- can easily fit into your kitchen, laundry, garage or under the stairs!
- can be used for grey water recycling and rainwater harvesting



in conclusion . . .

We take the view that these needs must be met and achieving this without hampering performance to the end user has to be our goal.

H₂O Eco regulated taps and the **hydrocyc**™ recycling unit can provide the solution allowing you to:

- save water
- save money
- save the environment
- meet legislative requirements including Level 6 of the Code for Sustainable Homes
- enjoy great performing taps and showers

hydrocyc™ is affordable, compact, easy to install and user friendly.

Based on technology proven in the oil and gas sector, **hydrocyc**™ treats water to the highest standard making safe grey water a recycling reality.





it's a personal experience



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due to our policy of continual improvement, VADO reserve the right to change product specification.
the colours indicated are an approximation of the actual finishes on VADO products. e&oe.

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