

October 2009

H₂
E **CO**



water saving solutions

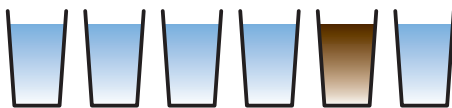
VADO



The Concern

Population and climate changes, coupled with modernised lifestyles have put an increased demand on water supplies.

Globally 1.1 billion people do not have access to clean drinking water; that's **1 in six** of us.



“The South East of England has less water available per head than the desert states of Syria and Sudan!” The Environment Agency

Researchers suggest changes in lifestyle result in using **55%** more water than we did **25 years ago**. Half of this water is used within the bathroom environment.*

Cleaning your teeth under running water can use as much as **20 litres** of water per minute. The British Dental Association recommends you spend 5 minutes per day cleaning your teeth; that equates to **36,500 litres** of water per year!

Our water consumption is having a major impact on our planet.

There are **3 main drivers** demanding solutions:

- **government legislation**
- **environmental consciousness**
- **saving money**

The UK government have created **legislation** to promote the use of sustainable products.

Changes to Part G of The Building Regulations will require that all new domestic buildings and renovations involving a change of use must meet a maximum consumption of **125 litres** of water per person per day. Part G also requires thermostatic control of water to a bath outlet not to exceed **48°C**.

In addition, the **Code For Sustainable Homes** (CSH) is now used as a guide by planning authorities to grant planning permission for **social housing** developments. Most authorities require compliancy to Level 3-4 of the CSH. To achieve this minimum level the theoretical usage per person per day must be **105 litres** or under.





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

The Solution

VADO introduces the **ECO** water saving solution designed to reduce flow rates which can meet the requirements of CSH and Part G.



life LIF-100/SB-C/P

The **ECO** water saving solution can be tailored to suit any requirement. There is **no hampering** to either **performance** or **design**. This allows even the most design conscious customer to enjoy the rewards that **ECO** offers.

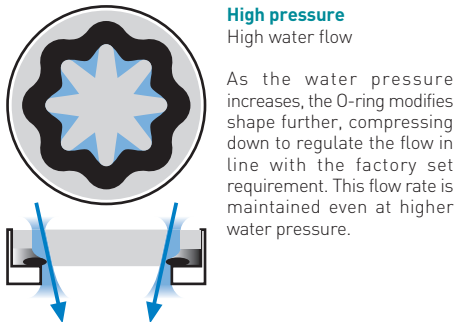
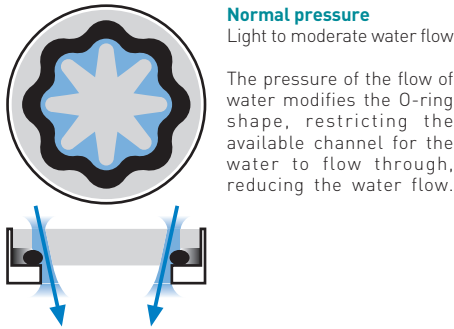
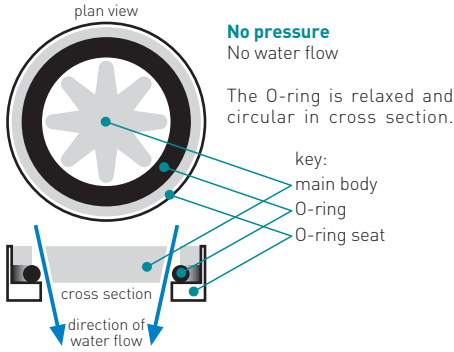


time TIM-100-C/P

VADO can regulate basin mixers to meet any requirement. We can show you how to achieve Level 3-4 (CSH) and Part G, whilst managing the expectations of your home owners.

ECO H₂O

Explained...



soho SOH-109S-C/P



synergie SYN-100E/SB-C/P



celsius WG-CELBOSQ/RRK-C/P





Research

Domestic Case Study VADO Staff Research

- Average water usage = 180 litres per person per day

With **ECO^{H2}** fitted:

- Average water usage = 89 litres per person per day

Water usage saving of **33,215 litres** per person per year.

Estimated saving on utility bills of **£360** per year for a household of 4 people.

Hotel Case Study Bristol Marriott Royal

- Average water usage = 65,960 litres per day

With **ECO^{H2}** fitted:

- Average water usage = 25,220 litres per day

Water usage saving of **14,870,100 litres** per year.

Estimated saving on utility bills of **£38,000** per year.

“VADO played a key part in advising and demonstrating how we could dramatically reduce our water and energy consumption. They did so by maintaining a high level of performance which was key to ensuring the high levels of expectations of our guests.”

Mr Lee Burton
Head of Engineering Services
Bristol Marriott Royal



VADO's green credentials

ISO 14001

VADO is committed to environmental performance by taking a holistic approach in measuring and setting objectives in line with ISO14001.



Green Achiever

VADO has been a Green Achiever since 2008. The Green Achiever Award was created to aid companies that act to reduce their impact on the environment.



Registered
www.greenachiever.co.uk

Recycling

VADO has been recognised as an organisation committed to effective recycling and awarded a certificate in recognition of this.



Carbon Footprint Reduction

VADO continually aims to reduce its carbon footprint across all its business operations.

Our Policy

In addition to operating within the above guidelines and to world class standards, VADO operates within an environmentally friendly culture with an ever increasing awareness to all its employees, customers and suppliers.



it's a personal experience

VADO

wedmore road cheddar somerset england bs27 3eb

tel 01934 744466

fax 01934 744345

sales@vado-uk.com

www.vado-uk.com

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.

©2009 eurobath international limited.

