



Ways to Save with the Water and Energy Saver Range

PHS Washrooms can help you *save* water, energy and money, through the use of our very latest *environmentally friendly products!*

UK: www.phswaterandenergysavings.co.uk
Ireland: www.phswaterandenergysavings.ie

 **PHS** Washrooms

Helping Customers Save Money

The Water and Energy Saver Range from PHS Washrooms can help you meet sustainability targets by saving water, energy, money and time.

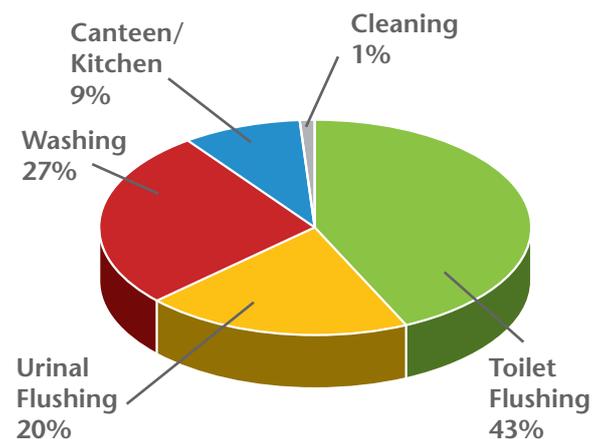
Bringing together the successful Water Saver Range (Flow-saver® Water Management System, Flush-wiser® WC Flush Control, Eco-shield™ and SaverTap), with the Dyson Airblade™ V, SMARTdri™ and Airforce™ high-speed, low energy hand dryers, the PHS Washrooms Water and Energy Saver Range offers you real benefits and savings. Installing these tried, tested and proven products in your washrooms will help you save water, energy, money and time.

“Many office buildings use much more water than they need to, leading to higher than necessary costs and environmental impacts. By reducing water use, both water and sewerage bills will decrease and could result in considerable savings”

‘Key Performance Indicators for water use in offices’, CIRIA, 2006

Save money, water and energy using our Water and Energy Saver Range

A typical office building water consumption pattern is shown below:-



Source: ‘Key Performance Indicators for water use in offices’, CIRIA, 2006

PHS Washrooms offers a range of accredited products that addresses the three key areas of Toilet Flushing - Flush-wiser® WC Flush Control, Urinal Flushing - Flow-saver® Water Management System and Hand Washing - SaverTap

*To find out how much you can save go to:
**UK: www.phswaterandenergysavings.co.uk
 Ireland: www.phswaterandenergysavings.ie***

Additional products to compliment the range

Eco-shield™ Urinal Sleeve



In conjunction with our water and energy saver range and the Flow-saver® Water Management System, the Eco-shield™ enables customers to reduce washroom water usage, without increasing maintenance costs, and eliminates the use of harmful cleaning products.

The Eco-shield incorporates a two-in-one red berry fragrance block and Nurazyme™ bio-block and is the latest in urinal sleeve technology. Exclusive to PHS Washrooms, Eco-shield, through its Nurazyme bio-block and unique one-way odour-trap 'shield', protects against urinal smells and blockages by breaking down the build-up of uric salt and limescale using natural enzymes and 'friendly' bacteria. Nurazyme has been independently tested and proven to contain more active bugs than other urinal sleeve products on the market.

Flush-active®



Flush-active® powers away hard water stains whilst reducing the occurrence of bacteria, leaving toilets fresh and sanitised.

Placed in a cistern, the Flush-active unit houses a dissolvable gel block which gradually disperses with each flush, providing a controlled release of coloured cleaning solution with red berry fragrance into your toilet which lasts up to 3 months.

Flush-active targets the surface of the toilet bowl and also hard-to-reach areas with its foaming action, leaving toilets clean, freshened and effectively sanitised.

PHS Washrooms Case Study Poole Stadium Ltd (Stadia UK)

Poole Stadium is situated close to Poole town centre, and is now owned by Stadia UK who stage both Greyhound racing and Speedway events on a regular basis throughout the year. The stadium has a capacity of around 4,000 for Speedway events and 2,500 for Greyhound meetings.

An assessment of the washrooms revealed that the urinals within the male washrooms were fitted with Cistermiser water management systems, meaning that there was marginal control over the consumption of water used. Upon further investigation it was also apparent that the systems ceased to function correctly.

Poole Stadium decided to install PHS Flow-saver®, an intelligent water management system, and they are thrilled with the results. The stadium is now running at approximately 65% less water usage than before and has made a huge financial saving of approximately £15,000.

Flow-saver can save up to 96% of water compared to an uncontrolled urinal cistern. This device uses an innovative, infra-red sensor to detect movement and flush according to use. This ensures that maximum water savings are made without compromising on hygiene.

Poole Stadium had poor water controls in place but now they benefit from huge water and financial savings. They have also reduced their environmental impact and have been able to spend their budget across the business more effectively.

"PHS water management systems are an ideal low cost investment if you want to make a considerable reduction in your water bill."

Dave Pheby, Assistant General Manager/Safety Officer at Poole Stadium Ltd (Stadia UK)

Dyson Airblade™ V Hand Dryer



Concentrated, not compromised

New to the range, the Dyson Airblade V hand dryer. Dyson engineers have developed one of the world's smallest 1600W motors enabling them to build a hand dryer that protrudes just 4 inches from the wall.

The Dyson Airblade V is the fastest, most hygienic hand dryer drying hands in just 10 seconds. HEPA filters capture 99.9% of bacteria from the washroom air so hands are dried using cleaner air. The Dyson Airblade V hand dryer costs up to 69% less to run than other hand dryers, and 97% less than paper towels.¹ It also produces at least 67% less Co2 than some other hand dryers and 62% less than paper towels.²

1. For calculations visit dysonairblade.co.uk/calcs

2. Based on LCA results of Dyson Airblade™ hand dryers calculated by Dyson using method developed in conjunction with Carbon Trust, and comparable results from T. Montalbo, J.Gregory, R.Kirchain. Life Cycle Assessment of Hand Drying Systems (a Dyson commissioned study 2011). Data taken from U.S. environmental statistics including electricity grid mix and recycling practices and relating to models AB02 and AB04.

SMARTdri™ Hand Dryer



Uses up to 90% less energy than traditional dryers

Designed by World Dryer Corporation, the world leaders in hand dryers for over 60 years, this hand dryer is available exclusively from PHS.

SMARTdri™ uses just 4.44kWh per 1,000 drying operations of 20 seconds each, and with a high-speed motor, it is one of the most energy efficient hand dryers on the market, using up to 90% less energy than traditional dryers. SMARTdri™ uses a new technology, a powerful combination of air velocity and air flow to generate the fastest air flow of any hand dryer. SMARTdri™ incorporates SteriTouch® antibacterial surface protection to drastically reduce the risk of the spread of bacteria such as MRSA, E.coli and Salmonella.



Airforce™ Hand Dryer



Uses approximately 67% less energy than a traditional dryer

Airforce™ is a high-speed, low energy hand dryer that uses approximately 67% less energy than that of a traditional dryer and has SteriTouch® antibacterial surface protection as standard.

Airforce is designed by World Dryer Corporation and PHS Washrooms. A high-speed motor coupled with the fact it uses just 4.58kWh per 1,000 drying operations of 15 seconds each, means that it dries hands quickly without using too much energy. With no-touch automatic operation, optimum hygiene levels are ensured at all times.



Flow-saver® Water Management System



Save up to 96% of your urinal water usage

The award-winning Flow-saver® can save up to 96% of water usage when compared with an uncontrolled cistern (70% on average) and up to 30% against other basic water management systems.

Flow-saver uses infra-red technology and a real time clock function to regulate the flushing of urinals, and is programmable to work only during operational hours. It maintains hygiene standards whilst conserving water and dramatically cutting costs on water bills. Water is flushed when required, but not wasted when it isn't. If the washroom is unoccupied for long periods (for example overnight), the cistern will only flush once every 12 hours to maintain hygiene standards.



Flush-wiser® WC Flush Control



Save up to 35% of all WC water usage

Flush-wiser® WC Flush Control is an innovative water saving device for WCs that has enormous environmental benefits, and will save water and money with every flush. Flush-wiser can save up to around 35% of all WC water usage.

Flush-wiser is attached to the siphon in the cistern, where it reduces the amount of water used to flush by up to 3 litres. Flush-wiser can be adjusted to suit each cistern, taking into account cistern size and performance in order to make optimum savings, without compromising on hygiene.



British Institute of Facilities Management Excellence Awards - Winner 'Innovation (New Product)' Award 2008

SaverTap - Push Tap option

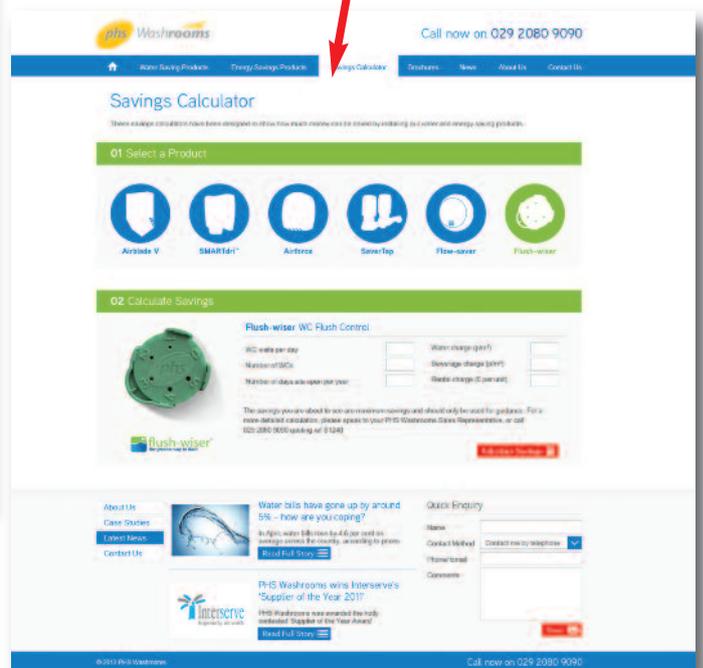
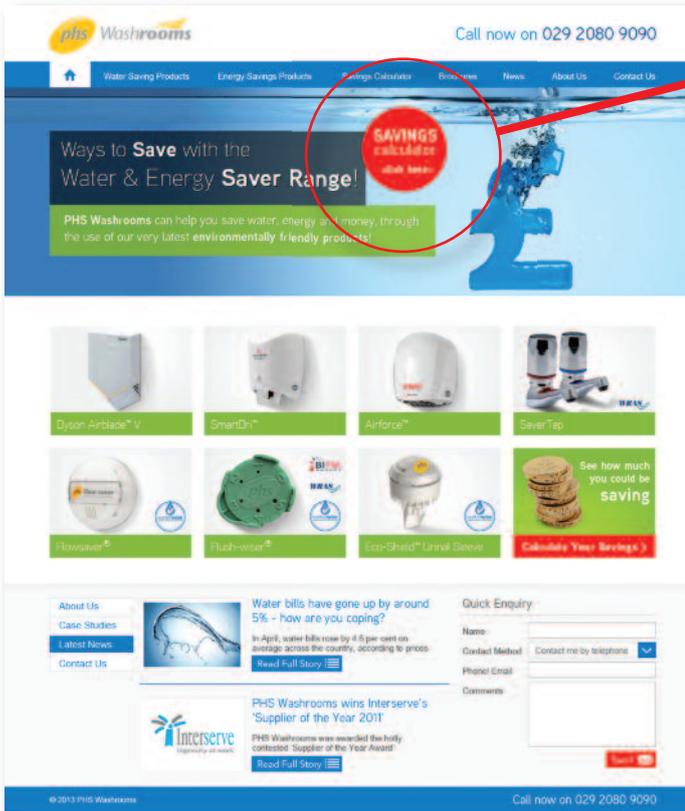
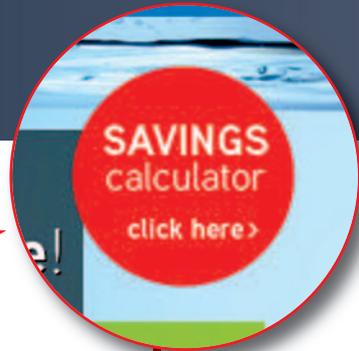


Save up to 80% of water used

SaverTap is designed to convert existing taps to a more efficient push tap option. SaverTap reduces the wastage of water by preventing the risk of taps being left running, which also reduces the risk of flooding.



Use the Savings Calculators on our website to see how much you can save!



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