

Ways to save with the Water and Energy Saver Range



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

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.

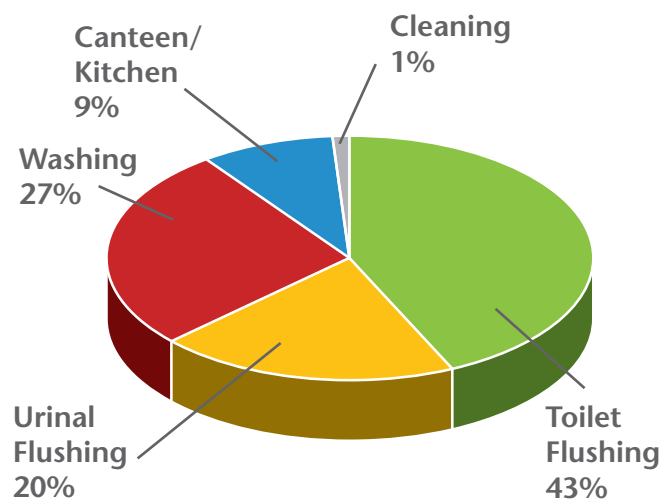
Bringing together the successful Water Saver Range (Flow-saver™ Water Management System, Flush-wiser® WC Flush Control, Eco-shield™ and Adapta Tap), with Airforce™ and SMARTdri™ high-speed, low energy hand dryers, the PHS Washrooms Water and Energy Saver Range offers you real benefits and savings. Installing 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 - Adapta Tap

To find out how much you can save go to
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Uses up to 90% less energy than traditional dryers

SMARTdri™ Hand Dryer



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 0.8kW, and with a high-speed motor, it dries hands in only 10 seconds, making it the most energy efficient hand dryer 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.



Uses up to 80% less energy than other dryers of its kind

Airforce™ Hand Dryer



Airforce™ is a high-speed, low energy hand dryer that uses up to 80% less energy than other dryers of its kind and has SteriTouch® antibacterial surface protection as standard.

Airforce is designed by World Dryer Corporation and PHS Washrooms. A high-speed motor coupled with an output of just 1.1kW/h means that it dries hands quickly without using too much energy.

With no-touch automatic operation, optimum hygiene levels are ensured at all times. In addition, Airforce also incorporates SteriTouch® antibacterial surface protection.



Save up to 96% of your urinal water usage

Flow-saver™ Water Management System



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, along with a programmable system to work 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.

Reduce water and energy consumption



Flush-wiser® WC Flush Control



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.



Save up to 35% of all WC water usage



Eco-shield™ Urinal Sleeve



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

Eco-shield incorporates a separate Red Berry fragrance block in addition to a bio-block and the very 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.



Eliminates the use of harmful cleaning products



Adapta Tap - Push Tap option



Adapta Tap has been proven to save up to 80% of water used.

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



Save up to 80% of water used

 Available in Black and Chrome finish






 Urinal Services

 Handcare Services

 Water Management Services

Reduce expenditure

Projected Savings† over 5 years

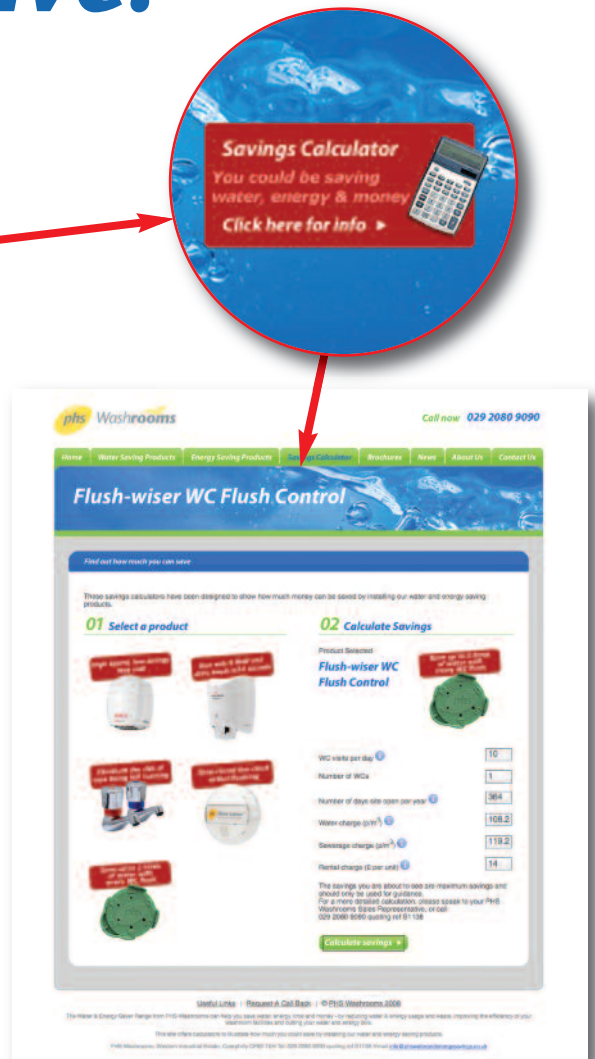
		Compared to / Water and Cost Savings	Large Office 5,000 Staff	Small Office 500 Staff	School 1,000 Pupils	Large Pub
 SMARTdri™	Conventional hand dryers		£36,500 €63,000	£3,500 €6,500	£4,000 €7,000	£3,000 €5,000
	Paper towels		£171,500 €212,500	£17,000 €21,000	£18,500 €23,000	£14,000 €17,000
	Roller towels		£301,500 €374,000	£30,000 €37,500	£32,500 €40,500	£24,500 €30,500
 Airforce™	Conventional hand dryers		£33,000 €57,000	£3,500 €5,500	£3,500 €6,000	£2,500 €4,500
	Paper towels		£168,000 €206,000	£17,000 €20,500	£18,000 €22,000	£13,500 €17,000
	Roller towels		£298,000 €367,500	£30,000 €37,000	£32,000 €40,000	£24,000 €30,000
 Flow-saver™ Water Management System	Water saving		46,993,500L	4,699,350L	7,872,750L	3,055,050L
	Cost saving		£106,500 €72,000	£10,500 €7,000	£18,000 €12,000	£7,000 €4,500
 Flush-wiser® WC Flush Control	Water saving		54,000,000L	5,400,000L	5,850,000L	4,380,000L
	Cost saving		£122,500 €82,500	£12,000 €8,000	£13,000 €9,000	£10,000 €6,500
 Adapta Tap	Water saving		43,200,000L	4,320,000L	4,680,000L	3,504,000L
	Cost saving		£98,000 €66,000	£10,000 €6,500	£10,500 €7,000	£8,000 €5,500
Total Saving*			£628,500 €594,500	£62,500 €59,000	£74,000 €68,500	£49,500 €47,000

* Based on installing Flow-saver, Flush-wiser, Adapta Tap and SMARTdri where roller towels previously used

Calculations use the following:

- Average water and sewerage charge per cubic metre (1,000L) £2.27 UK, €1.53 Ireland
- Airforce and SMARTdri figures calculated using average electricity charge per kW/h £0.09 UK, €0.155 Ireland
- Office of 5,000 staff calculations based on average of 3 WC flushes/uses per person per day, with 100 hand dryers, 30 urinal cisterns (9L) and 150 sinks across 240 office days per year
- Office of 500 staff calculations based on average of 3 WC flushes/uses per person per day, with 10 hand dryers, 3 urinal cisterns (9L) and 15 sinks across 240 office days per year
- School calculations based on average of 2 WC flushes/uses per person per day, with 15 hand dryers, 5 urinal cisterns (9L) and 20 sinks across 195 days a year
- Large pub calculations based on 800 WC flushes/uses per day, with 10 hand dryers, 2 urinal cisterns (9L) and 15 sinks, 365 days a year
- Rental cost of products not indicated in savings

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



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