

Brighton Council, Royal Pavilion Garden Public Toilet Facilities

8 Propelair toilets have been installed at the Royal Pavilion Gardens' public toilet facilities. This has provided the council with substantial environmental and financial benefits.



Environmental

The new toilets are predicted to save up to 1.6 million litres of water annually (equivalent to just over half the amount of water it takes to fill an Olympic-sized swimming pool).

Significant reductions in water use also means 600 KG of CO2 is saved each year.

Financial

Reducing the public toilets' water consumption by up to 84% will have a significant impact on the facilities' quarterly water bills. The table below illustrates the annual financial savings and payback achieved by installing one Propelair system.

Hygiene

Propelair also provides health and well-being advantages to those who use the Royal Pavilion public toilets.

Every time a conventional toilet is flushed, particles of contaminated water become airborne, landing on washroom surfaces. With Propelair's unique air flush system, the spread of these airborne germs is eradicated - helping to prevent sickness amongst users and reducing unproductive absences.

"This council is recognised as the top local authority in the country for providing and maintaining our public toilet facilities, and we are constantly looking for new ways to update and improve this service, whilst keeping within our budget restrictions. These new toilets have the potential to save huge amounts of water, cutting costs, increasing sustainability and improving hygiene."

Councillor Ollie Sykes
Deputy Chair of the Environment, Transport and Sustainability Committee

Metered Water Charge	Flushes Per Day	Current Flush Volume	Annual Savings		Payback
			Water	Financial	
£3.47/m3	78	11.83 l	209,492 l	£726.94	0.93yr

(All figures represent a single Propelair unit)