

Earth Day 2023

Issued by [Propelair SA](#)

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This year, for the first time in history EARTHDAY.ORG are continuing the theme 'Invest In Our Planet' for a second year running this Earth Day 2023. The focus is to engage all people from around the globe including governments, organisations & businesses and encourage them to do their part for planet earth.

About Earth Day

On April 22nd organisations, governments and individuals from all backgrounds come together to drive sustainability forward and take climate action in commemoration of Earth Day.

EARTHDAY.ORG's mission is to diversify, educate and activate the environmental movement worldwide. Since the first Earth Day in 1970, Earth Day has become the world's largest recruiter to the environmental movement, working with more than 150,000 partners in over 192 countries to drive positive action for our planet.

The vision

Our world needs transformational change. It's time for the world to hold sectors accountable for their role in our environmental crisis while also calling for bold, creative, and innovative solutions. This will require action at all levels, from business and investment to city and national government.

That's where you come in: As an individual, you yield real power and influence as a consumer, a voter, and a member of a community that can unite for change.

Don't underestimate your power. When your voice and your actions are united with thousands or millions of others around the world, we create a movement that is inclusive, impactful, and impossible to ignore.

Every Earth Day can drive a year of energy, enthusiasm, and commitment to create a new plan of action for our planet.

Source: www.earthday.org



of the UK is only around 69 million!

A global crisis

With demand for natural resources quickly surpassing supply, we need to be doing more to ensure future generations are able to thrive.

Investing in the right solutions now means we have a better chance of managing our resources effectively – and it doesn't have to cost the earth!

The World Economic Forum lists 'Natural resource crises' as one of the top 10 global risks, with 1 in 3 people already globally not having access to safe drinking water. According to the United Nations, at current depreciation rates by 2030 around 1.6 billion people will lack safely managed drinking water. 2.8 billion people will lack safely managed sanitation facilities and 1.9 billion people will lack basic hand hygiene facilities. To put this into perspective, the current population

The right solutions

At Propelair, we want to ensure water is available to all that need it. We believe organisations should be doing all they can to better manage their resource consumption as quickly as possible.

Propelair is an effective way to use less water without changing our habits or comforts. This means staff, customers and visitors can save around 84% of water of usage with every flush compared to conventional toilets.

Not only is water saved, but better hygiene and a reduction in financial outgoings is achieved. We believe that sustainability and profitability can belong together!

Save Water

Toilet flushing can account for up to 48% of water consumption in commercial buildings. Changing your toilets to a more efficient technology can really pay dividends when seeking to save water and energy.

Uses up to 84% less water

Propelair uses only 1.5 litres of water per flush, a fraction compared to the UK average of 9 litres. Average flush volumes can be significantly higher than their cistern capacity due to double flushing, leakages and filling while still flushing.

Save Money

Water is becoming an ever more valuable and costly resource. Propelair is a quick, simple and economic solution to reducing water costs instantly.

Reduce outgoing costs

Propelair reduces water and sewage bills by up to 60%.

Achieves quick payback

This can be achieved in less than one year.

Receive 100% tax relief on your first-year investment

ECA eligible – claim 19% back of investment

Reduce Carbon

Propelair's significant water savings help organisations to reduce their environmental impact by becoming more efficient and using less resources.

Uses up to 80% less energy

Boosts resource efficiency and building performance.

Creates on average over 80% less carbon

Less energy for water and waste processing, meaning the toilet's carbon footprint is reduced on average by over 80%.

**statistics based on a 9 litre average flush*

Improve Hygiene

Propelair is one of the most hygienic systems available, creating a cleaner toilet environment for customers, clients, patients and staff, while having a positive impact on health, well-being and productivity.

Eradicated aerosol germs

Propelair reduces aerosolised germs by up to 95%. The germs are trapped inside Propelair's unique closable lid, and then efficiently removed with its powerful air flush, creating a more hygienic and healthier washroom environment for users.

Reduces odours

Thanks to Propelair's unique closable lid, odours are dramatically reduced.

Protected by SteriTouch®

Antimicrobial additives in the handle help reduce germs.

Removes contaminants

Conventional toilets can leave 6% of previous users' contaminants behind after flushing, which can become airborne during frequent flushes. Propelair removes up to 99.9% of contaminants, ensuring less risk of cross-contamination.

Avoid the "sneeze effect"

Flushing a conventional toilet creates a "sneeze effect," spraying bacteria, viruses and moisture into the air. These airborne aerosols can travel up to 1 metre away from the toilet itself contaminating the surrounding washroom surfaces.

Harmful bacteria can survive up to 24 hours on washroom surfaces making it a perfect breeding ground for viruses and germs to spread. With Propelair, this unhygienic "sneeze effect" is avoided.

Improved Design

Propelair's design is a significant step change compared to conventional toilets, with better performance, quicker flush and a simple maintenance process.

High performance

Combining 1.5 litres of water and displaced air technology creates a powerful, high-performance flush which easily removes all waste with one flush.

Queue time reduced

Propelair quickly refills in up to 30 seconds compared to conventional systems which can take up to 2-3 minutes. An efficient flush saves time and reduces queues, especially during periods of high usage.

Maintenance made easy

Propelair's rimless pan and side hinges make previously hard-to-clean areas easily accessible, ensuring a thorough cleaning process can be carried out.

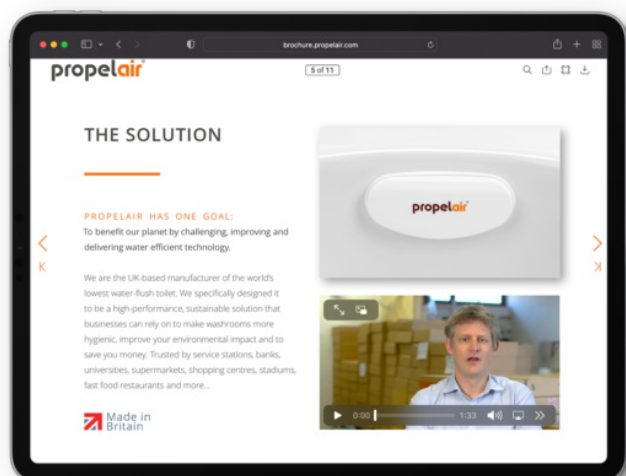
Durable design

Propelair is designed to be strong and durable, making it well suited for heavy use / challenging environments.

How it works

1. Propelair® has a two-section cistern; one for air and one for water
2. Before Flushing, the lid is closed to form a seal
3. When the flush sensor is activated water enters the pan to wash it, followed by air from the unique patented pump. The air cannot escape due to the sealed lid. This pushes out the entire contents of the pan to give a powerful, reliable flush.
4. The remaining water fills the water trap.
5. The flush is completed in 1.5 seconds with the toilet ready to be re-flushed in 20-30 seconds. (subject to water supply pressure)

 [Speak to the team today](#)



Find out more

Take a deep-dive into everything you need to know about Propelair and how we can help your organisation to start saving water, energy and money instantly.

[How to buy >>](#)

Editorial contact



About Propelair

Propelair is an international, London-based cleantech company that produces one of the world's lowest water-flush toilets. Our innovation replaces 9lt of water with a 60lt of air to achieve an 84% water saving, per flush. We positively contribute and enable our global customers across the healthcare, manufacturing, retail, education, transport, commercial and industrial markets to change the way the world consumes water.

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