

Case study

Heathrow goes waterfree



Heathrow 
Making every journey better.

The Brief

OCS working in conjunction with Heathrow Airport tasked Waterfree with reducing water consumption and improving washroom odours. It was identified that the urinals were a significant cause of problems in the washroom due to regularly blocking up and causing foul odours.

The Problem

Urinals that experience heavy usage tend to suffer from flooding, odours, regular blockages and high water consumption. OCS who are responsible for cleaning at Terminal 3, had tried a host of other products, including enzymes, chemical dosing systems and reduced flushing, but none had worked satisfactorily.

The Solution

The Waterfree 'Water-Warrior' is the market leading system and is completely waterless, dual patented, and cost effective. The unique non-return valve ensures that odours are not emitted from within the pipework. The patented cartridge contains bespoke 'friendly' bacterial cultures, which produce enzymes that help break down the uric salts so they cannot solidify and cause blockages.

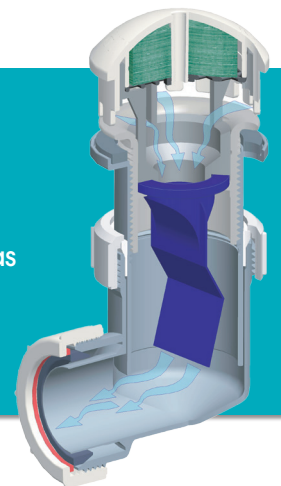
The Result ▼

OCS agreed to trial Waterfree's 'Water-Warrior' System in a problem washroom.

1 Elimination of smells:
There were no bad odours reported, as previously experienced.

2 Blockages:
There have been no blockages due to build up in the pipework.

3 Eradicating urinal water usage:
The urinal water usage was completely eradicated whilst improving urinal hygiene and cleanliness.



The conclusion

The installation of the Waterfree 'Water-Warrior' system across Terminal 3 (93 urinals) has resulted in a significant reduction in urinal maintenance, an elimination of urinal odours and an estimated saving of:

- Net Cost saving: £20,000 per annum in water alone
- Annual Water Saving: 18,922 cubic metres
- Annual Carbon Footprint Reduction: 3,690 Kgs

 **waterfree**
Water-Warrior Solution

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