

# Water-Warrior™

clean - green - odour free - waterless urinals



**WhiffAway™**  
we lead whilst others follow

# Why use Water-Warrior™?

**Saving money, being more productive and yet sustainable presents challenges to most organisations today. More and more are looking at how to reduce waste and energy whilst enhancing their profitability.**

The WhiffAway Water-Warrior™ and associated service is essential for your business. It can help protect the environment by eliminating urinal water usage, eradicating urinal energy usage from flush controls or constant flushing and remove the need for harmful and hazardous cleaning chemicals.

In our evolving environment where customer perception is integral to success, providing staff and visitors with a pleasant washroom experience is vital. The Water-Warrior™ System combines market leading products to free your urinals from odours and flooding.

The dual patented system reduces blockages that can cause unsightly, over flowing urinals. The WhiffAway Water-Warrior™ solution improves the washroom hygiene and services, thus ensuring your staff and visitors have a positive view of your business and premises.



## Key benefits

- Eliminates urinal odours
- Saves water
- Saves energy
- Reduces blockages
- Improves hygiene
- Eradicates urinal flooding
- Eliminates the need for harmful chemicals
- Improves the user's washroom experience
- Helps you to help the environment
- Huge savings on new-build
- Anti-vandal system

# A complete, environmentally friendly, urinal hygiene service

Urinal flushing is one of the worst offenders when it comes to excess water consumption in buildings. Not only is there huge wastage but rising water charges mean that it is a problem your business cannot afford to ignore.

The Water-Warrior™ System, utilising our pioneering technology, provides a cost effective and environmentally friendly solution that can eradicate urinal water consumption. Water-Warrior™ is proven to eliminate urinal flooding and provide a more hygienic and odour free solution.

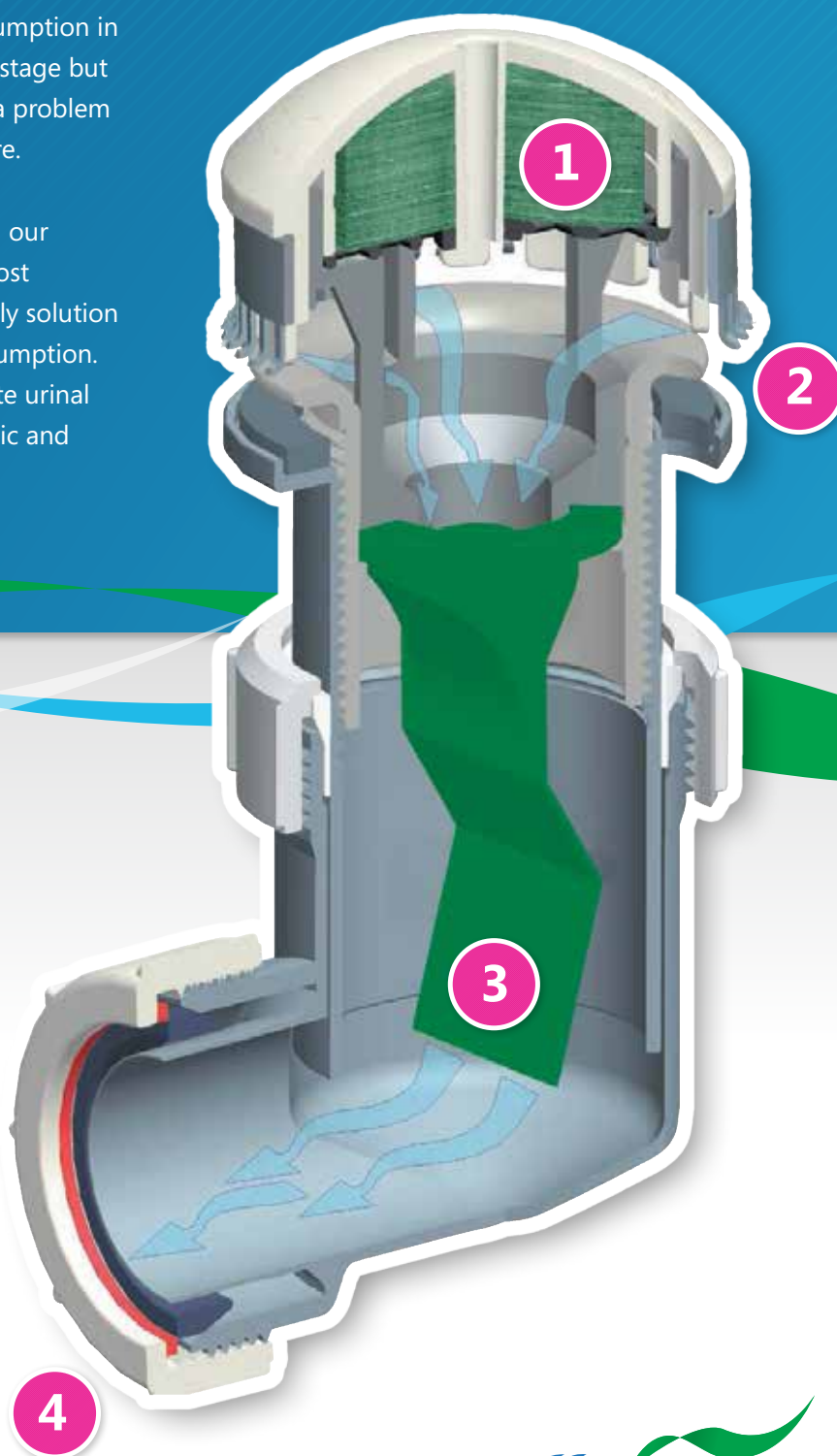
## UNIQUE FEATURES

### 1. Cartridge

### 2. Debris Catcher

### 3. Hygiene Seal

### 4. Flow Continuity



**WhiffAway™**



# Common Urinal problems

## HIGH WATER USAGE

A urinal with a 9 litre cistern flushing every 15 minutes uses over 315,000 litres of water per year, costing your business up to £700 and wasting huge amounts of water.

## POOR HYGIENE

Flushing water creates an ideal environment for the cultivation of bad bacteria which means that more effective cleaning solutions are needed. Many of these solutions may be hazardous and detrimental to the environment. Current health and safety laws mean that cleaning staff are restricted on the chemicals they are allowed to use and as a result, many modern cleaning fluids lack the potency to keep washrooms completely fresh, clean and hygienic.

## UNPLEASANT ODOURS

Bad odours are created above and below the urinal bowl leading to a negative experience for the user.

## URINAL FLOODING

By flushing water, there is always the potential for urinal flooding, which can incur increased costs for your business and lead to high levels of inconvenience.

## UNSIGHTLY BLOCKAGES

Over time, uric acid, salts and scale builds up inside the urinal waste trap, drain and common lines, providing an ideal environment for bacteria to grow. Additionally, foreign debris such as chewing gum, hair, cigarette ends can also be the cause of urinal blockages. Not only are blockages expensive to clear, but can result in overflowing urinals that create a poor impression on staff and visitors alike.

# The System

## 1. Environmental footprint

Water-Warrior™ will save you 100% of your urinal water consumption, thus eradicating the need for costly water management systems and the associated carbon usage.

## 2. Helps prevent blockages and urinal flooding

The cause of most blockages is the build up of uric salts and lime scale. The WhiffAway patented system retro-fits into 98% of new and existing urinals and will penetrate and disperse uric salts. This waterless system eradicates the build up of lime scale, thus reducing the opportunity for flooding and enables considerable savings in maintenance costs. The unique hygiene seal trap and fully integrated plumbing system replaces, where necessary, your existing pipe work, ensuring that current problems are not inherited.

## 3. Dual solution to urinal odours

Firstly, the patented malodour counteracting cartridge chemically neutralises odours above the bowl and secondly, the unique waste housing acts as a hygienic seal against odours emitted from within the pipe work below the bowl. The patented WhiffAway cartridge is replaced every 3 months when servicing is undertaken, ensuring your system continues to smell fresh and remain hygienic.

## 4. Enhances urinal hygiene

Waterless urinals have been independently proven to be up to 4.5 times more hygienic than conventional urinals. The flushing action creates a lime platform on the surface of the bowl, making it a breeding ground for bacteria. To eradicate this, the unique Water-Warrior™ non return valve housing prevents bacteria within the pipework, below the bowl, entering the washroom. Daily use of the WhiffAway microbiological cleaner and WhiffAway XL neutralises odours from the washroom's surrounding areas and compliments the efficiency of the WhiffAway cartridge.

**WhiffAway  
Multi-Purpose  
Cleaner**



**Water-Warrior**



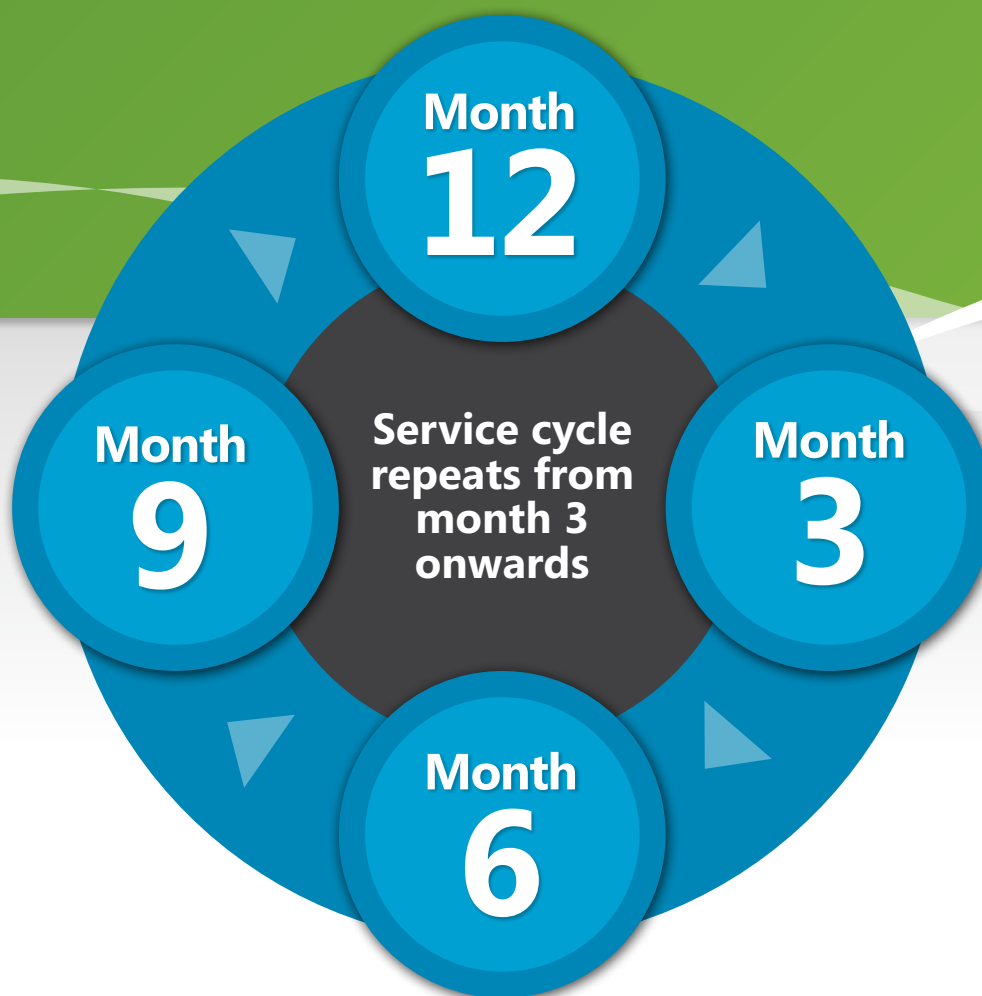
**WhiffAway XL**



# WhiffAway System PPM Cycle

From the initial installation to the quarterly services, we will:

- Replace the WhiffAway cartridge
- Rod the common pipework, where necessary
- Flow test the system
- Supply cleaning solution



When the well is dry, we learn the worth of water

Benjamin Franklin



# WhiffAway Cleaning Regime



**1.** Pour 3 measures of WhiffAway cleaner into the spray bottle.

**2.** Fill the spray bottle with water.

**3.** Remove all debris from urinal.

**4.** Spray around the urinal bowl with diluted cleaning fluid making sure that some cleaner goes down the urinal outlet.

**5.** Wipe with a cloth and mop away the excess.

**6.** Spray 4-6 squirts of the diluted solution around the Cartridge.

A typical third world family uses less than **22.5** litres of water per day.  
A typical western family uses more than

# 450

litres.

According to the UN, **20%** of the world's population face severe water shortages and this figure is expected to rise by 2025.

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WhiffAway is a joint venture with McAlpine & Co.

