

The GreenLogic
Waterless Urinal System.
How it works.



GreenLogic
LIMITED



Unpleasant Smells and Blockages

Gents toilets frequently have problems with unpleasant smells of urine, and blocked flushpipes putting bowls out of use.

Conventional urinal blocks inside the bowl can add to the problem and increase the potential of blockages. Unfortunately these blocks only try and attempt to mask the unpleasant smells, and provide no real long-term solution.



Cure the Problem at Source

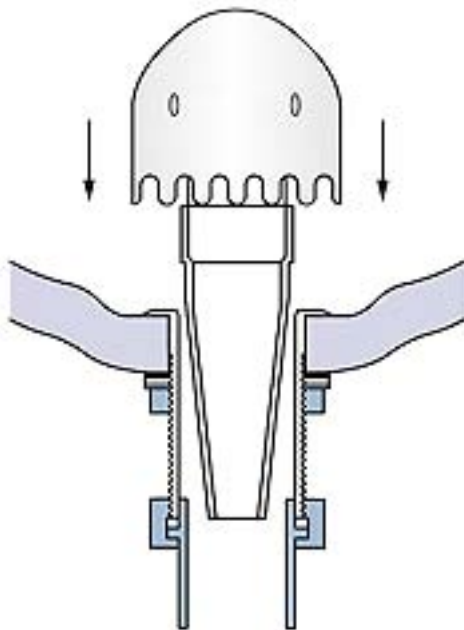
GreenLogic has developed two powerful Urinal-Sleeve solutions to help reduce smells and blockages and also save water.

The GreenLogic Urinal-Sleeve will help to prevent the problems which contribute to urinal odours. After the initial Urinal-Sleeve outlet is installed the replacement sleeves simply drop into place.

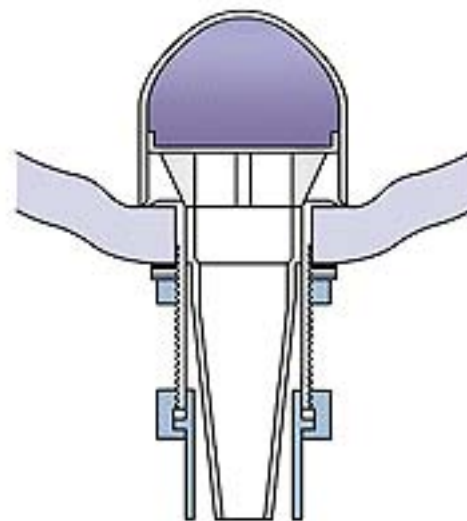
The Urinal-Sleeves lower body lines the waste outlet and trap just above the water level. This feature not only prevents leaking and staining from waste connections, but is also removed and discarded periodically as part of the refill, thus ensuring the lining is kept clean.

The most important feature of the Urinal-Sleeve is housed within its cone shaped head. This contains a cleaner deodoriser block which both reduces Bio-film build up, reduces the odour and scale in the outlet and helps prevent blockages.

The teardrops on the side of the cone allow urine to pass onto the active ingredient, thus activating and transferring the cleaner deodoriser via the sleeve to the trap where they act on the urine preventing the foul odours. The block also contains a fragrance to provide an all round more pleasant environment.



External view - Showing teardrops



Internal view - Showing block



Two Solutions

The Urinal-Sleeve offers two types of solution, BioUrinal and ChemiUrinal, each doing similar jobs but aimed at different environments.

BioUrinal

The BioUrinal can be very effective in low to medium use areas subject to the following conditions. It needs to be established that the freshness will not be compromised to an unacceptable level by limiting flushing to one every two hours.

The enzymes feed on the uric salts and requires two hours to multiply to be fully effective. In busy toilets, such as airports, motorways services and busy factory toilets it may be found that to keep the bowl fresh it is required to flush more often.

Normally scale and bio films with bad odours build up on the lining of the inlet trap. The biological treatment reduces these build-ups plus the sleeve is replaced periodically as part of the refill.

The biological cleaner deodoriser is fitted into the cone. The teardrops on the side of the cone allow urine to pass onto the block, thus activating the enzymes and transferring the enzymes via the sleeve to the trap where they feed and multiply.

IMPORTANT: Only biological cleaners should be used with BioUrinal sleeves as conventional cleaners kill the enzymes.

The BioUrinal sleeve is recommended when there is a requirement to save the maximum amount of water, and limited washing of the bowl is acceptable, and if the use is low to medium.

The BioUrinal sleeve will generally require replacing every 3 months.

ChemiUrinal

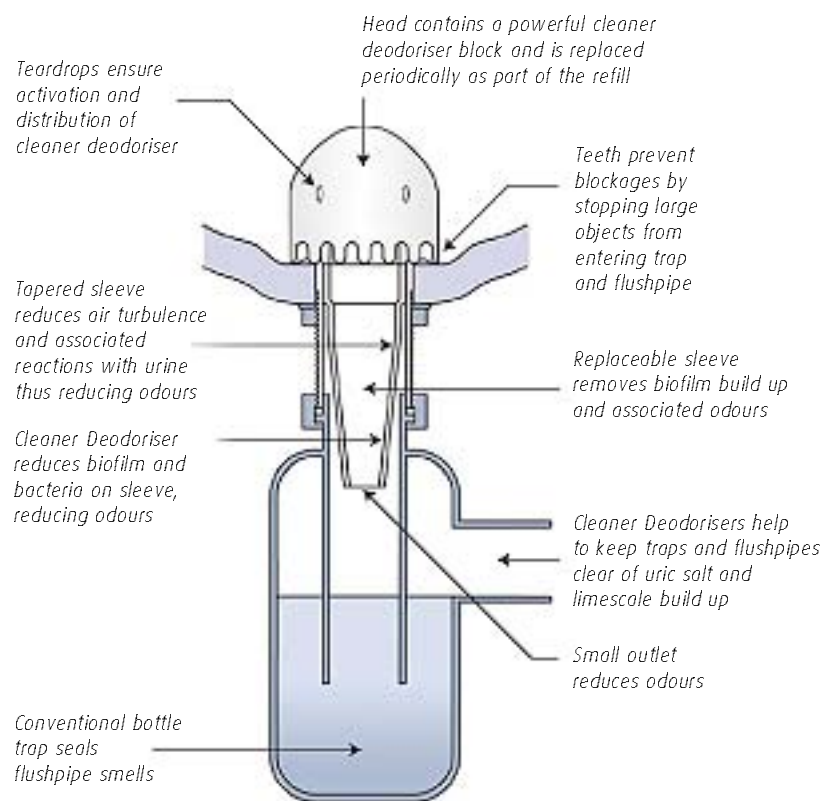
The ChemiUrinal sleeve achieves a very similar effect to the BioUrinal sleeve. The cleaner deodoriser is a well proven chemical formula designed to reduce uric salt and scale build up in the trap and flush pipes, and kills malodours.

GreenLogic consider there to be a number of advantages of the chemical cleaner deodoriser solution. The product is effective no matter how often the urinal bowl is flushed and is therefore beneficial in busy toilet areas as well as low to medium use toilets.

The product can be utilised with existing flushing systems to help reduce smells and keep pipes clear.

The ChemiUrinal sleeve can also be used in conjunction with conventional cleaners. Therefore if there is a serious risk of cleaners not always using biological cleaners the ChemiUrinal Sleeve will resolve this issue.

Replacement times will depend on frequency of flushing and levels of use.



Timed Urinal Control System

On some sites under certain circumstances, a more effective result can be achieved by periodically flushing the urinals with clean water. This helps keep the urinal clean and also re-activates the block inside the head of the urinal sleeve.

GreenLogic's solution for achieving periodical flushing is the 'Timed Urinal Control System'. This is a programmable control system that can be customised to achieve the number of flushes required.



Where BioUrinal or ChemiUrinal Sleeve could be considered

If biological sleeves work in your environment the BioUrinal sleeve provides you with a cost effective solution. This guide only gives an indication of Urinal-Sleeve and water flush control selection. GreenLogic will be pleased to advise and assist with trials.

Type of environment	Heavy periods of use	Low to medium use	Continual heavy use	Recommended type of controller		
				PIR	SET TIME	IND
Office facilities		•			•	
Factories	•			•		
Motorway services			•			•
Airports			•			•
Schools	•			•		

■ BioUrinal ■ ChemiUrinal

These colours indicate that this is the best Urinal Sleeve option for that particular environment.

Environmental Solutions



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