

Waterless Urinals

Waterless urinals are a major water, materials and money saver for large buildings. They do not require water for flushing and can be installed in commercial and public bathrooms to save water and energy. The reduction in infrastructure required for water supply and waste water treatment is an added benefit arising from installing waterless urinals. The concept helps prevent environmental damage caused by conventional flush sanitation systems.



Recommendations

- ❑ Specify and install waterless urinals instead of traditional types.
- ❑ When choosing a water-flushing urinal, aim for a flush rate of 1 litre per flush.
- ❑ Clean and disinfect waterless urinals daily.
- ❑ If using cartridges, replace regularly, as required.
- ❑ Consider various strategies for odour control, if applicable.

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| Environmental Improvement | Medium |
| Awareness Impact | High |
| Capital | Low |
| Payback | 1-3 years |

Savings and Benefits

- ❑ Odourless, under correct maintenance.
- ❑ Touch free, more hygienic.
- ❑ Inexpensive.
- ❑ Saves water (this alone will pay for itself in a very short time - saves on average 200,000 litres of water per year!)
- ❑ Saves energy – particularly to the public service provider (energy required to pump water).
- ❑ Reduction in infrastructure - no water supply piping required.
- ❑ Waterless urinals afford large savings by eliminating both water and its equivalent sewage treatment costs
- ❑ Reduces potential for vandalism.
- ❑ No need to replace your existing urinal unit.
- ❑ Requires minimal maintenance.
- ❑ Maintenance problems are greatly reduced because water flush valves, hard water encrustations and overflows are also eliminated.

