

Uridan and ZeroFlush Waterless Urinal Cost of Ownership & Performance Comparison

Uridan

- Manufactured in fiberglass or vitreous china
- Operating system is a trap storage overflow system that stores urine in the urinal waterlock housing and it slowly overflows through the trap at every use with odour blocking being prevented by pouring in 300m/l of Uridan Urilock oil into the urinal at every service to create a seal.
- Daily cleaning is required with Uridan Uriclean anti bacterial spray cleaner and is required to be used as the Urilock oil used in the waterlock is a fully refined rapeseed oil and many other cleaning detergents are widely promoted to “cut through grease” and as Uridan use an oil in the waterlock it is clearly not a good idea to use such detergents for cleaning as they destroy the oil and allow odours to escape. Cost of a 500m/l spray bottle of Uriclean is \$20.17
- Servicing depends on amount of usage but is generally every 2 months and in Queensland must be undertaken by a plumber requiring opening the waste cover to drain the oil and the accumulated uric salt and urine contents of the waterlock waste trap into the plumbing drainage system. Depending on usage the urinal wastepipe and downstream drainage system will require high pressure drain cleaning every 4-6 months which must be undertaken by a plumber. Cost of a 300m/l bottle of Urilock oil is \$28.42



ZeroFlush

- Manufactured in vitreous china
- Operating system is EnviroSeal system utilising an elastomer seal trap that opens to allow urine to pass through direct to plumbing drainage system and then immediately seals to prevent escape of odours. The built in BioPur kit emits a continuous fragrance plus utilises enzymes being continually released into the drain to break down uric salt accumulation.



- Daily cleaning is recommended with Aquatemp Spray & Go enzyme and deodouriser cleaner. Cost of 1 litre spray bottle of Aquatemp cleaner is \$19.95
- Servicing depends on amount of usage but generally the BioPur gel requires replacing by the cleaner or maintenance staff every 2 months. Depending on usage the urinal wastepipe and downstream drainage system will require high pressure drain cleaning every 12 months plus replacing of the elastomer seal which must be undertaken by a plumber. Cost of a BioPur premium gel is \$9.02 and elastomer seal assembly is \$17.48

Yearly Cost

The cost of ownership per year per individual Uridan urinal including servicing costs by a plumber and the cost of oil and cleaner is as follows:

12	500ml spray bottle of Uriclean cleaner	\$242.04
6	300ml bottles of Urilock odour blocking fluid	\$170.52
6	Service calls by plumber	\$480.00
	Total Annual Cost per Uridan Urinal	\$892.56

The cost of ownership per year per individual ZeroFlush urinal including servicing costs by a plumber and the cost of gel, elastomer seal assembly and enzyme cleaner is as follows:

6	1 litre spray bottles of Aquatemp enzyme cleaner	\$119.70
6	BioPur premium enzyme gel	\$54.12
1	Elastomer seal assembly	\$17.48
1	Service call by plumber	\$80.00
	Total Annual Cost per ZeroFlush Urinal	\$271.30