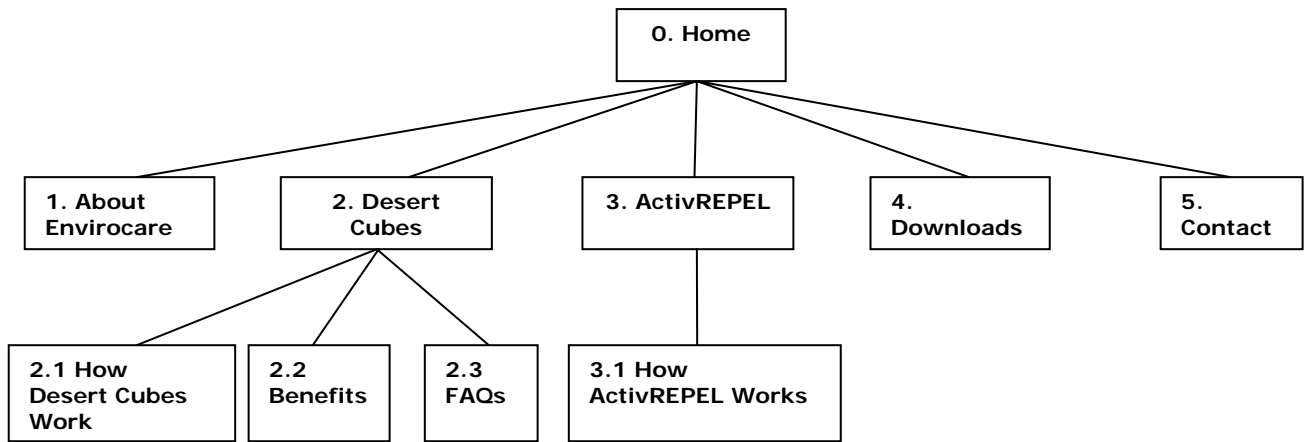


Suggested content structure



[0] Home page – short description loaded with keywords

Envirocare

Environmentally responsible solutions for corporate hygiene

Desert Cube Waterless Urinal System

Save water, improve hygiene, reduce cleaning and eliminate offensive washroom odours with the Desert Cube Waterless Urinal System's effective microbial technology.

ActivREPEL Fly Control System

Relax and let the ActivREPEL Fly Control System's active, automatic dispenser kill flies and repel pests with safe, gentle pyrethrum spray.

[1]

About Envirocare

Environmentally responsible solutions for corporate hygiene

Like you, we care about preserving our natural resources.

Like you, we believe passionately that [environmental responsibility is no longer optional](#).

Like you, we seek simple, effective solutions to practical, everyday problems.

To keep faith with our philosophy, we let three firm rules guide Envirocare's product design:

1. Do no harm.

Envirocare products do not contain ingredients that are hazardous to the environment or to you. All active ingredients in our Desert Cubes range and ActivREPEL range are readily biodegradable.

2. Make a positive environmental difference.

Water conservation has become a major imperative for us all. Envirocare's Desert Cubes Waterless Urinal System has the potential to save significant volumes of our precious fresh water.

3. Solve real-world problems.

To design products that truly work well for you, we draw on our expert knowledge of corporate washroom hygiene and our experience in protecting the cleanliness of food preparation areas in the hospitality sector.

We perfect our products until they work for you so elegantly and so reliably that they are clearly the natural solution.

We invite you to join the growing movement for good in contemporary business. If we each make small changes, together we can make a huge difference.

Water usage: environmental responsibility is no longer optional

Our water supplies are dwindling. Annual rainfall has dropped dramatically and runoff to dams is down by 50%. Now, more than ever before, we must act to preserve this precious resource.

We rely on water for every aspect of our lives – for drinking, for growing food, for greening our homes and communities, for recreation and cleaning. Beyond our basic needs, our escalating demand for lifestyle items such as air-conditioners, dishwashers, swimming pools and reticulated gardens drives our water consumption out of control.

The environment has changed radically over the past 20 years and scientists predict continued change in global weather patterns for at least the next 50 years. It is clear that we can no longer afford to treat our fresh water as if it were a never-ending supply. We must all do what we can to reduce the amount of water we use.

You can make a significant difference by implementing the Desert Cube waterless urinal system. A standard urinal bay uses about 151,000 litres of water a year. Desert Cubes can reduce this by as much as 98%. When you consider how many urinals are used in your organisation each day, a small change to Desert Cubes could achieve huge water savings.

Environmental responsibility is no longer optional if we hope to preserve our natural water resources for future generations.

[2]

Desert Cubes

Small change. Huge savings.

Without question, fresh water is our most precious resource, and as the population increases, so too will the cost of water. The Desert Cube Waterless Urinal System is a simple and effective way you can help solve this economic and environmental challenge.

Using natural [microbial technology](#) to control odours and the build up of uric scale, the Desert Cube system is rapidly transforming washrooms across Australia. The [benefits](#) are not only in the massive water savings, but also in odour elimination, chemical free maintenance and improved hygiene.

Approved by all relevant government bodies, the Desert Cube System is good for your business, your customers and the environment. With one small change, you can make a big difference.

Suggested links:

[microbial technology](#) to How Desert Cubes Work - Microbial technology addresses problem causes

[benefits](#) to Desert Cubes – Benefits

[2.1]

How Desert Cubes Work

Urinals deserve their bad reputation. Conventional wet urinals are often smelly, unhygienic, costly, difficult to maintain and damaging to the environment.

The Desert Cube System works by disrupting the processes that cause [the problems with urinals](#), unlike [conventional responses](#) which fail because they address only symptoms.

Desert Cubes use [microbial technology](#) to transform urinals from wet, bacteria-laden environments into cleaner, more hygienic waterless systems.

Desert's small blue cubes are a simple, environmentally responsible way to save water, reduce costs, improve hygiene, and make your urinal facilities pleasant to use.

The problems with urinals

Urine is not the culprit

Surprisingly, urine itself is not the main source of the problem. Urine is almost 98% water, mild in odour and is usually sterile.

The problems begin when bacteria bind with the solids found in urine.

The offensive smell we associate with urinals occurs when faecal bacteria digest uric proteins to give off toxic ammonia-based gases. Humans have a poor tolerance to the smell of ammonia, even at low concentrations.

Washrooms are covered with bacteria originating from faecal matter. Faecal bacteria become airborne when toilets are flushed. Eventually, bacteria settle on washroom surfaces and form bacterial colonies wherever there is a wet or damp environment, a food source, and protection from direct light.

A flushing urinal provides precisely these conditions.

Naturally, hygiene suffers in a wet washroom. The flushing mechanisms of urinals, for example, readily transfer pathogens to hands and spread infection.

Desert Cubes use [microbial technology](#) to interfere with the bacterial digestion that produces unpleasant odours, and the Desert Cube System contributes to better hygiene by turning your existing trough or bowl facilities into a touch-free waterless urinal.

Water creates an ideal environment for bacteria

Excessive flushing creates permanently damp surfaces on which bacterial colonies grow. The huge volume of water used to flush urinals adds to the problem by depositing calcium, salt and silica as water scale.

Water scale coats fledgling bacterial colonies in a protective shell. Like a coral formation, bacteria and water scale continue to build up until they form virtually insoluble lumps of uric scale, which is the chief source of offensive odours in urinals. Uric scale also creates unsightly stains and can grow large enough to block pipes.

The presence of both faecal bacteria and urine solids is unavoidable in a washroom, as is the presence of dark areas like drains. However, Desert Waterless Urinal Cubes can disrupt the process of uric scale formation by reducing [water usage](#) dramatically.

Conventional responses just don't work

More flushing makes it worse

The most common response to the problems with wet urinals is to increase the volume of water flushed or to use automatic flushers to flush more frequently.

More water means more water scale, which creates an even more favourable environment for thriving bacterial colonies.

More water also means more wastage, at a huge cost to business and to the environment.

Sanitising doesn't work in a flushing system

Automatic sanitisers are sometimes connected to the flushing system to kill bacteria living in the drain.

However, the volume of water required for flushing over-dilutes the sanitiser and renders it ineffective. Sanitisers rarely prevent the build up of uric scale.

Deep clean treatments are temporary

Deep clean treatments use strong acids to soften uric scale so that it can be scraped off. This improves odour problems temporarily, but does nothing to prevent uric scale reforming immediately after treatment.

Deep clean treatments can be expensive and the acids used are hazardous to handlers and to the environment.

Deodorisers just mask the smell and introduce new risks

Deodorant blocks do not sanitise or disinfect, but they can be used to cover up the bad smell in urinals.

These products carry a poison rating of S6 and pose a significant risk to health and the environment.

They dramatically increase the rate at which uric scale forms and can physically clog the urinal drain.

Microbial technology addresses problem causes

Microbes put a spanner in the works

Desert Waterless Urinal Cubes contain naturally occurring microbes that break down the binding process that causes uric scale. Faecal bacteria are no longer able to latch onto urine solids as a source of food. Unpleasant odours are eliminated at their source.

The Desert Cube microbes also attach to uric scale deposits and convert them into more soluble compounds before they clog drains and cause stains.

Unlike flushing urinals, the Desert Cubes waterless system allows urinal surfaces to dry out, depriving bacteria of the moisture they need to form permanent colonies.

The Desert Cube System reduces [water usage](#) by up to 98% and avoids the use of environmentally damaging chemicals. Desert Cubes are 100% bio-degradable and safe for septic and sewerage.

The Desert Cube System transforms your existing urinal facilities

Desert Cubes are simply placed in the urinal bowl or base, and the water supply is turned off. A small amount of water, just 4 litres per urinal, is poured into the urinal each day to flush away degraded matter and to activate the cubes.

Beneficial microbes are released as the cubes slowly dissolve over several weeks, triggering a natural breakdown of organic matter inside the drain. The microbial action is enhanced with Desert's spray-on booster cleaner. The process works much the way a healthy compost bin works.

Suggested links

[the problems with urinals](#) to How Desert Cubes Work – The problems with urinals

[conventional responses](#) to How Desert Cubes Work – Conventional responses just don't work

[microbial technology](#) to How Desert Cubes Work - Microbial technology addresses problem causes

[water usage](#) to Downloads – Water Usage: Environmental responsibility is no longer optional

[2.2]

Benefits

Cuts water use by up to 98%

The average urinal wastes 151,000 litres of water a year. A small blue cube could reduce that by 98%.

When you multiply the saving per urinal by the number of urinal bays in your premises, the savings are staggering.

A small hotel could save 982,800 litres a year. A school with 500 male students could save 2,850,000 litres a year. A large shopping centre could save a massive 13,000,000 litres of precious fresh water a year.

More hygienic

A Desert Waterless Urinal is actually healthier than a flushing urinal as urine only contains bacteria once water is added. Flushing urinals send bacteria flying through the air like an aerosol, and the flushing handle is a prime breeding ground for germs.

Eliminates odours

The Desert Cube doesn't just mask the problem of bad odours; it fixes it and eliminates the need for costly and poisonous deodorant blocks, sanitisers and air fresheners.

Easier to maintain

Desert Cubes are 100% biodegradable, septic and sewerage safe. The Desert Cube system reduces maintenance costs to urinal valves and water storage tanks. Cleaning is quick, easy and chemical-free.

[2.3]

FAQs

How will visitors know they don't need to flush?

At each urinal bay, a small information sticker informs visitors that this urinal is environmentally friendly and does not require flushing water.

The stickers demonstrate that your organisation or business is concerned about protecting the environment.

What is the shelf life of the cubes?

Cubes last for two years when the storage container is sealed and stored between uses in a cool, dry area away from direct light.

The cubes sit in the bottom of the urinal, so what keeps the face/wall of the urinal clean.

The face of the urinal does not normally cause any problems. Bacteria find it difficult to exist on the urinal face because it's exposed to direct light and it normally dries soon after use.

The entire urinal is cleaned daily with Desert Washroom Cleaner, which contains proteins to activate the Desert Cube microbes, and surfactants and mild detergents for cleaning.

Is this system safe for septic tanks?

Yes. The Desert Cube System is ideal for septic systems because it adds beneficial microbes. Desert Cubes allow septic tank users to reduce water consumption significantly and reduce wastewater by the same amount. This result is fewer blockages and reduced pumping – a saving all round.

How much water will I save?

Water savings depend on how many people use the urinal.

The flush tanks in most urinals hold between 11 and 20 litres, so a conservative estimate would be 10 litres per flush. If each person were to use the urinal 4 times per day, water usage would be 40 litres per person per day. If 10 people use the urinal for 220 days per year, estimated fresh water usage quickly blows out to 88,000 litres per year.

Some general estimates:

Organisation	Water Wasted per Annum
School (500 male students)	2,850,000
Small Hotel (45 patrons)	982,800
Office Building (100 Male Staff)	880,000

How does the Desert Cube Waterless Urinal System improve hygiene in washrooms?

Waterless urinals are designed to dry out between uses, unlike the surfaces of wet urinals, which are constantly damp. Bacteria and viruses thrive in moisture but simply perish when dried.

When you convert to the Desert Cube Waterless Urinal System, your urinal becomes touch-free, reducing the transfer of pathogens to hands. The conventional flushing mechanisms in wet urinals are a dangerous point of cross-contamination because they require direct hand contact from each user.

What does the system cost?

There is no conversion or retrofit cost. Simply add the cubes to your existing urinal and turn off the water at the urinal tap.

Running costs vary due to the wide range of sites in which the system can be used and differences in usage patterns. A rough average cost for the replacement cubes and booster cleaner is between \$10 and \$20 per month per urinal bay.

The costs of using the Desert Cube System are readily offset by savings in water supply charges and discharge fees alone. Additional savings can be expected from reduced maintenance costs for cisterns and drains, and from the elimination of automatic sanitisers.

Is the Desert Cube Waterless Urinal System difficult to maintain?

We believe the simple answer is no.

Many of our referrals come from cleaning contractors who have recommended our system after using it successfully for other clients. Contractors tell us that the system significantly improves conditions in the washroom and makes cleaning faster.

What do we have to do to get the system set up at our business?

Simply order a Desert Starter Kit. It comes with everything you need to implement and maintain the system. We will even train your cleaners on the correct maintenance procedures.

[3]

ActivREPEL

Effective, discrete fly control

Flies are more than just a nuisance

Nothing turns away a prospective client faster than a fly problem in your establishment. Flies are bad for business, irritating, unclean and a recognised health hazard.

Traditional fly control methods miss their mark

Toxic chemicals, such as surface sprays, kill flies but are harmful to people.

Electric zappers kill only a small proportion of flies in a room and simply draw attention to your fly problem.

ActivREPEL is discrete and effective

ActivREPEL is an unobtrusive, wall-mounted unit that emits measured amounts of safe, gentle, odourless [pyrethrums](#) at regular intervals.

Each unit can kill 90% of flies within 170 cubic metres, and is effective against many other pests, including cockroaches.

[Flexibility](#) is built-in. Adjust ActivREPEL emission frequency and hours of operation to suit the needs of your business.

ActivREPEL is a simple, battery-operated system that couldn't be easier to [install and use](#).

Suggested links:

[pyrethrums](#) to How ActivREPEL Works – gentle, safe, odour-free

[Flexibility](#) to How ActivREPEL Works - adjustable

[install and use](#) to How ActivREPEL Works – easy to use

[3.1]

How ActivREPEL Works

Automatic protection

ActivREPEL protects your business from flies, automatically.

The ActivREPEL system consists of a dispenser unit and a replaceable spray canister. The dispenser unit delivers a measured spray of ActivREPEL's pyrethrum insecticide at regular intervals.

Gentle, safe, odour-free

ActivREPEL contains odour-free, gentle pyrethrums that are deadly to insects, but safe for use around humans and other warm-blooded mammals.

Environmentally friendly

Pyrethrum is a naturally-occurring insecticide found in some species of daisy. Flies do not build up immunity to natural pyrethrum, yet pyrethrums degrade easily with no damage to the environment.

Effective

ActivREPEL's natural pyrethrums act rapidly to immobilise and kill flies.

The ActivREPEL system delivers exactly the right quantities of pyrethrum at the right intervals to control flies effectively.

Discrete

ActivREPEL is quiet and unobtrusive. Your clients remain unaware of ActivREPEL's operation and you no longer need to be on guard, ready to combat flies with spray cans and swatters.

Adjustable

ActivREPEL lets you program its operation to suit your needs.

For example, if your business is open only from 9 to 5, you may not need to control flies during the evening. Just set ActivREPEL to operate during your active hours.

If your fly problem allows you to achieve adequate control with less frequent spraying, simply adjust ActivREPEL to a longer interval setting.

Easy to use

Your ActivREPEL kit comes with easy instructions and recommendations for placement, installation, programming, activating and servicing.

Screws and wall plugs are supplied for wall mounting. No electrical work is required to install the system because ActivREPEL simply runs on two 'D' cell batteries.

Servicing is simple. Use the supplied ready reckoner to calculate the replacement date for the spray canister. Diary reminder stickers are included in your ActivREPEL kit, and the system will also alert you when it's time to replace the canister - at 3,000 sprays.

[4] Downloads index page

[no content required]

[5] Contacts – to be supplied