

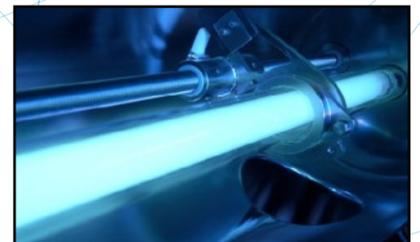
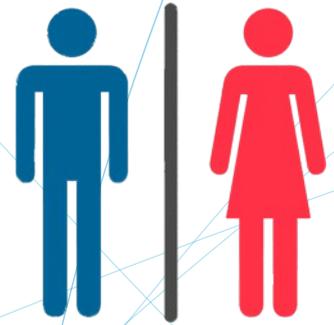
A better way to freshen toilets and changing rooms



clearzone
system



odour
control



The clearzone odour control unit uses the power of natural UV energy to make every kind of odour vanish

THE PROBLEM...

Most users of public bathrooms measure the perception of cleanliness by how the room smells.

No matter how clean the actual surfaces are, if bad odours are present in a bathroom the user will deem it as 'dirty'.

Facilities managers expect cleaning staff to be as near to perfect as possible with their cleaning processes, however the production of bad odours is something that is almost impossible to control.

THE SOLUTION...

Ultra Violet energy, generated at 180 nanometers, produces an oxidising gas that will kill all odours.

The ClearZone UV Odour Control System has been specifically designed to emit a level of this sanitising gas that will not hide or mask odours. It will make them disappear.

ADDITIONAL BENEFITS...

As well as killing offensive odours, the ClearZone unit will supply enough sanitising energy to lower the risk of bacterial contamination.

The same UV energy that kills odours also attacks the cell structure of bacteria and viruses that are present in the air inside toilets and changing rooms.

This is achieved without using any harmful chemicals - simply a gas that does it's job, then disappears on its own...



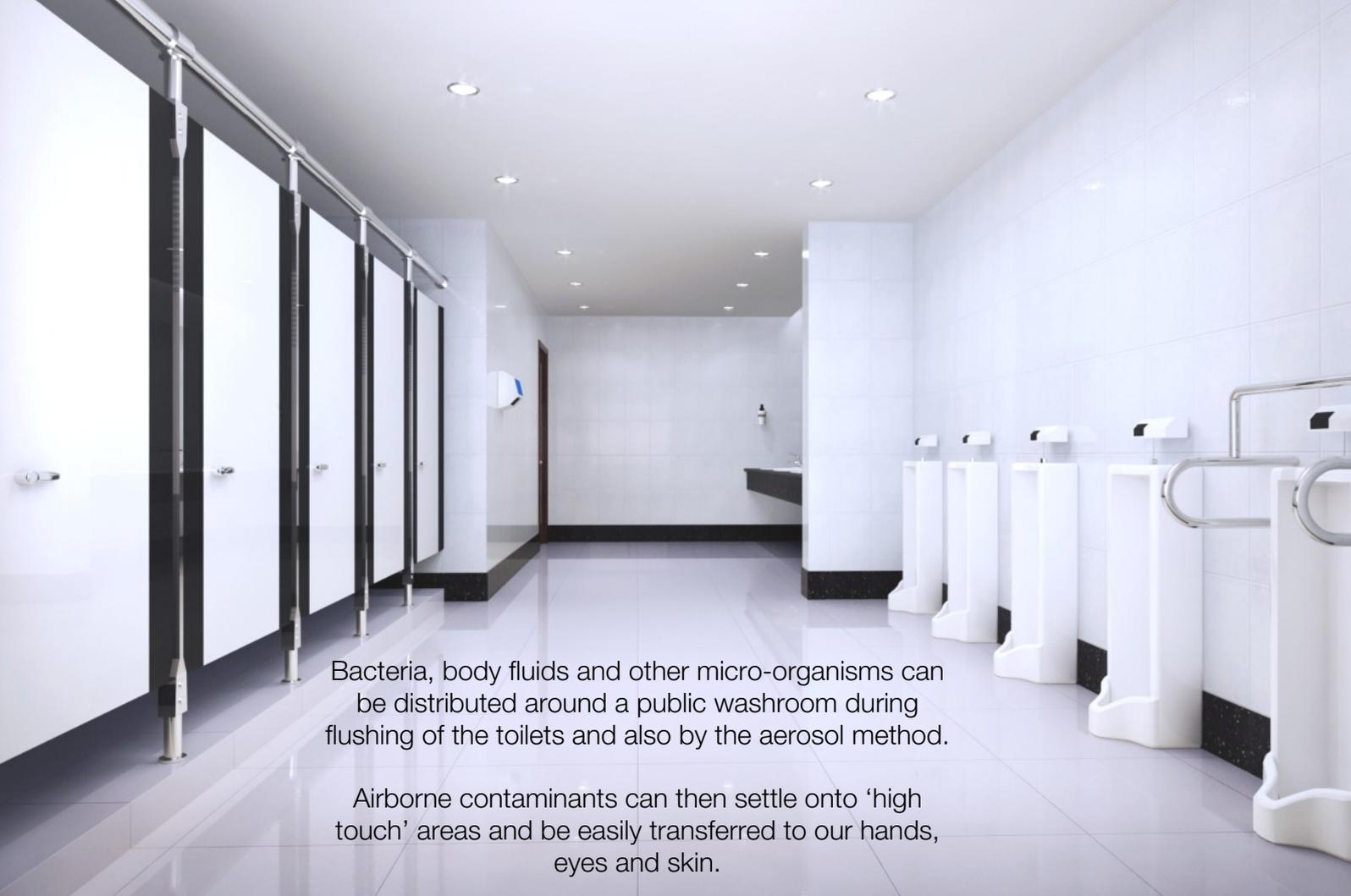
- ▶ LOW MAINTENANCE COSTS
- ▶ LOW OPERATING COSTS
- ▶ SAFE FOR ALL APPLICATIONS
- ▶ EFFECTIVE IN ALL AREAS
- ▶ DURABLE DESIGN

ClearZone Quality Assured

Clean Air (Thailand) Co., Ltd, incorporated in 2007 in Thailand, has an all-British management team responsible for all aspects of design, component sourcing and testing, compliance and manufacture.

Our clients can rest assured that every element from the design to the manufacturing process has undergone quality control to comply with global standards.





Bacteria, body fluids and other micro-organisms can be distributed around a public washroom during flushing of the toilets and also by the aerosol method.

Airborne contaminants can then settle onto 'high touch' areas and be easily transferred to our hands, eyes and skin.

CONTAMINANT RISKS

Bathrooms, changing rooms and toilets are generally warm and humid spaces - perfect for the development of bacteria, viruses and other potentially harmful airborne contaminants.

TYPES OF BACTERIA FOUND

- ▶ Salmonella
- ▶ Hepatitis A
- ▶ Rhinovirus
- ▶ Streptococcus
- ▶ Common Cold & Flu
- ▶ E-Coli

The above contaminants can flourish extremely quickly in the warm and humid conditions found in most bathrooms.

Combined with poor ventilation and the high amount of users every day public bathrooms can easily and quickly become a very unpleasant place to occupy.

THE SOLUTION

The ClearZone UV Odour Control Unit not only supplies fresh-smelling air but will also help eradicate airborne contaminants from the interior of occupied spaces, such as public bathrooms.

The ClearZone unit uses a powerful integral fan to circulate the air across the UV tubes and 'mix' any contaminants with highly effective ozone gas that kills bacteria and viruses at a molecular level. Traditional 'air fresheners' simply cannot provide this effective benefit.

The ClearZone unit:

- ▶ Reduces the need to use harmful chemicals
- ▶ Provides a 'fresh air' feel
- ▶ Is friendly to the environment
- ▶ Uses the equivalent of a light bulb in energy
- ▶ Will reduce bathroom user complaints



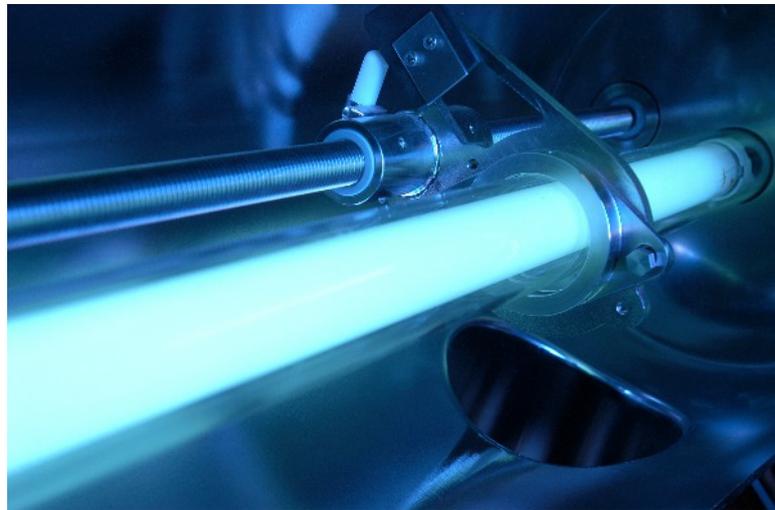
SAFETY

The UV energy emitted by the ClearZone Odour Control Unit has been designed to be strong enough to 'kill' airborne contaminants within the chamber of the unit and operate at safe levels in areas used by room occupants.

UV OZONE KILL RATES

Various well-known universities and laboratories have tested and confirmed the 'kill rate' of ozone against a selection of common airborne contaminants as follows:

E-Coli	:	99.999% Reduction
Airborne Bacteria	:	98.24% Reduction
Salmonella	:	100% Reduction
Listeria	:	99.999% Reduction
Avian Influenza	:	99.999% Reduction
Parainfluenza Virus	:	99.999% Reduction



ClearZone SPECIFICATIONS

DIMENSIONS / DETAILS

Height	:	323mm
Width	:	149mm
Depth	:	117mm
Weight	:	1.14kg
Power Cord	:	Supplied
Ozone Output	:	360mg/h (1.09ppm peak)
Voltage	:	220VAC 50Hz
Power	:	30 Watts
Current	:	0.18 Amps
Temperature	:	-5C to 45C
Warranty	:	12 Months (not tubes)
Outer Shell	:	ABS (HR up to 80C)
Certification	:	CE

