

## SANITARY WARE SPECIFICATION SHEET

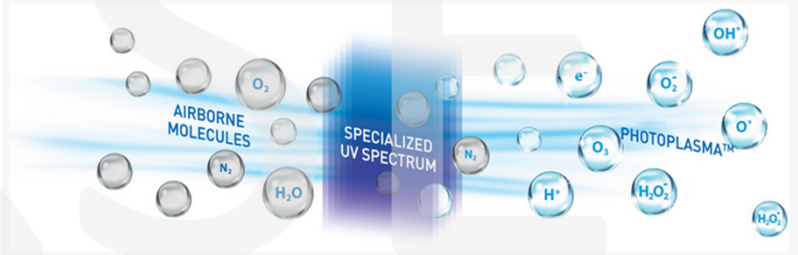
Model: UZ-300/UZ-600/UZ-T300/UZ-T600

Descriptions: BioZone 'Ultra Zone' air purifier for disinfects ventilation system

Dimensions: Refer to drawing  
 Manufacturer: BioZone Scientific International  
 Material: Stainless steel



### Technology



Removes hazardous chemical gases



Reduces unpleasant odours



Eliminates airborne and surface microorganisms



Decomposes volatile organic compounds (VOCs) and other organic compounds



**Adjustable Levels**  
 Control the number of PhotoPlasma lamp on demand. Provide safer and healthier working environments.



**Versatile Applications**  
 Suitable for quick or long term air treatment.



**Powerful & Mobile**  
 Suitable for heavily contaminated areas. Made by robust material. Easy to move from room to room.

\* All information of the above is for the reference only. No prior notice is made if any changes.



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# Industrial-level air purification and odour control for contaminated indoor spaces



## Adjustable Levels

Three adjustable fan speeds for optimal use. Easy to operate and come with remote control.



## Powerful & Mobile

Suitable for heavily contaminated area. Made by robust material. Easy to move from room to room.



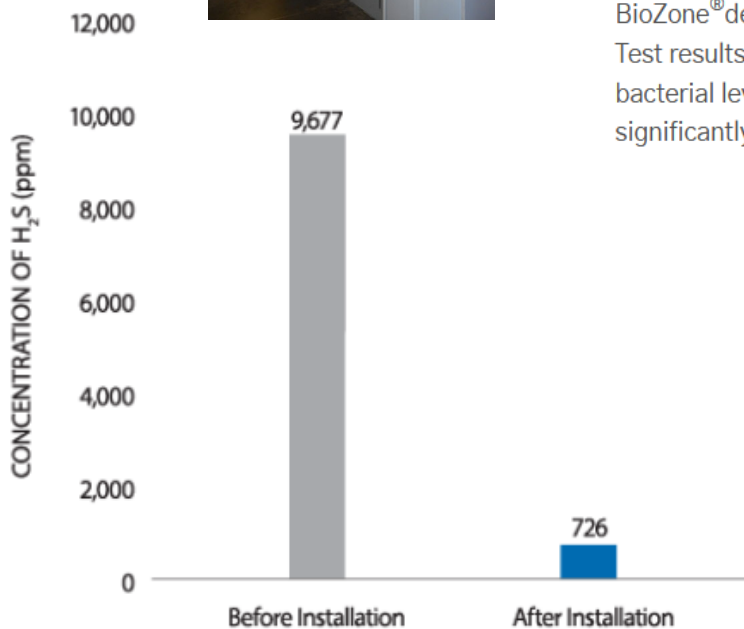
## Versatile Applications

Suitable for quick or long term air treatment.



## Case Study

The grease trap in a property owned by a renowned real estate group had very serious odour problems. BioZone<sup>®</sup> devices were then installed at the grease trap. Test results showed a substantial decrease in the bacterial level. Bad odour was also reduced significantly.



### Nominal Specifications

Model:	UZ-300	UZ-600	UZ-T300	UZ-T600
Size (L x W x H):	655 x 250 x 260mm	550 x 400 x 600mm	220 x 220 x 1580mm	220 x 350 x 1700mm
Base Size (mm):	-	-	400 x 400 x 30mm	530 x 400 x 40mm
Weight:	14kg	27kg	22.5kg	35kg
No. of Lamp:	3	6	3	6
Power Cord:	1900mm			
Power Input:	220VAC			
Power Consumption:	<150W	<300W	<150W	<300W
Lamp Life:	1 year			



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- Sewage Treatment Plants



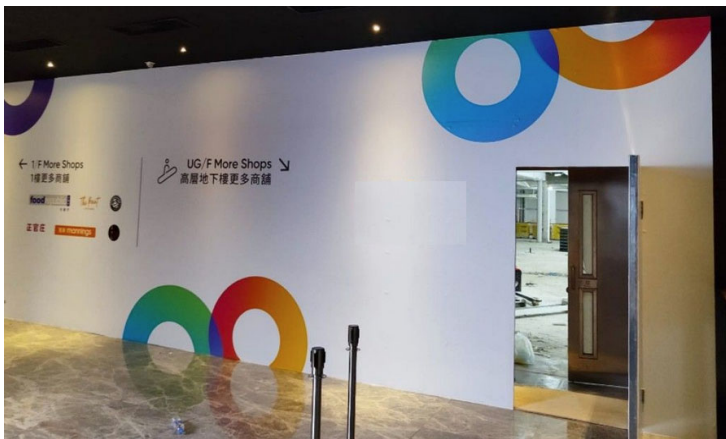
- Refuse Collection Centers



- Newly-Renovated Sites



- Grease Traps



**Dublin Test\* 都柏林測試\* :**

70% bacteria reduction in a real environment  
在實際環境下減少 70% 細菌



\* Ref no: V0273  
School of Biomolecular and Biomedical Science,  
University College Dublin,  
Belfield, Dublin 4, Ireland.  
\*都柏林大學測試報告

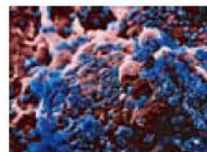
Agar plates incubated at 37°C for 48 hours for air samples taken in a sealed room (Series 1): sample taken (a) before BioZone treatment; (b) after BioZone treatment.

在密封的房間、室溫在攝氏 37 度、用培養皿培養細菌 48 小時的測試結果：  
樣本 (a) 採用 BioZone 淨化器前；  
(b) 採用 BioZone 淨化器後。

**CNRS H5N1 Testing: 法國國家科學研究中心H5N1測試:**

Ref. DE082\_2007 By CNRS  
測試報告編號 DE082\_2007

Reduction of virus up to 99.9998% in less than 0.44 seconds.  
0.44秒內，病毒減低率達 99.9998%。



Eliminate up to:

**99.48%**  
Airborne Bacteria

**99.99%**  
Surface Bacteria

**95.13%**  
TVOCs

**100%**  
Formaldehyde

\* Samples and tests were taken by third-party accredited laboratories.



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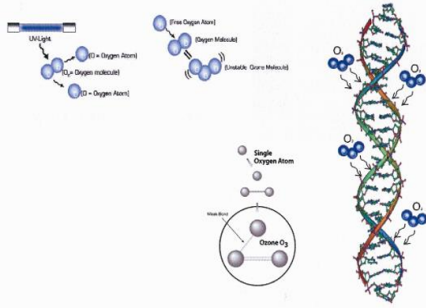
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Ozone is a strong oxidizing agent that effectively kills germs, virus and moulds as living organisms. It also remove chemical gases, VOC's and odors from air stream



Kill all virus and bacteria

(2) Deep UV  
深頻紫外線

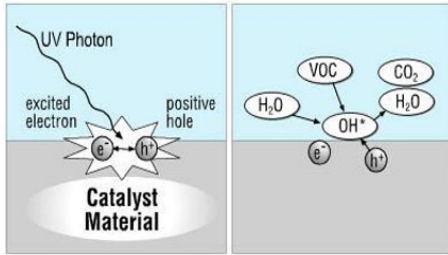
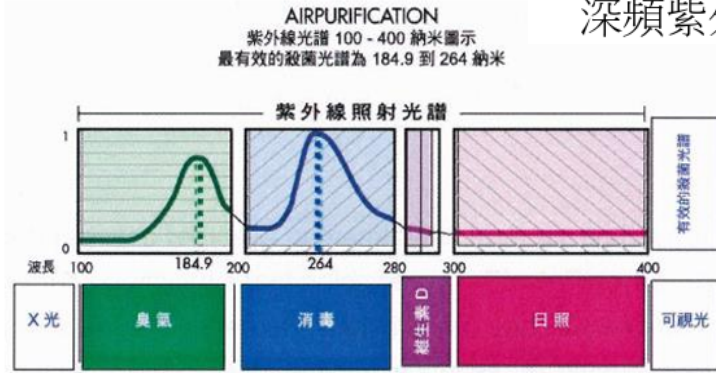
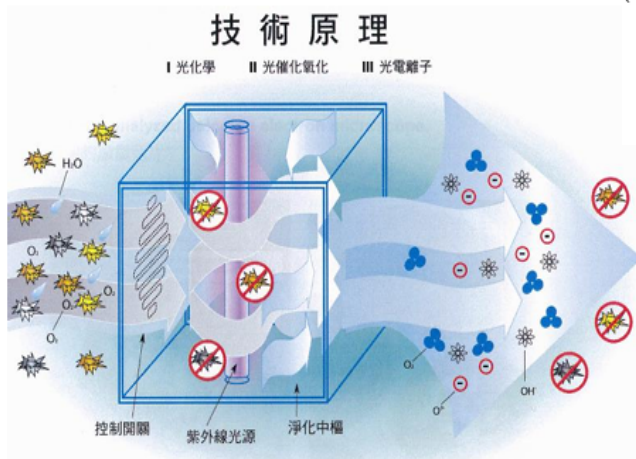


Photo Catalytic Oxidation (PCO) process destroys VOC's catalytically on special surface material

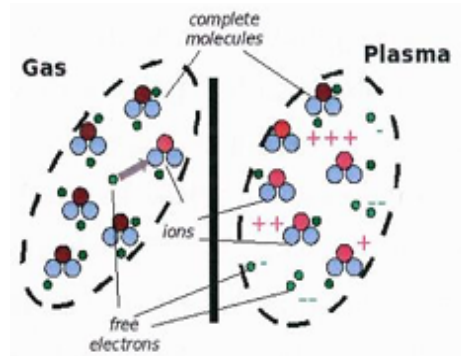
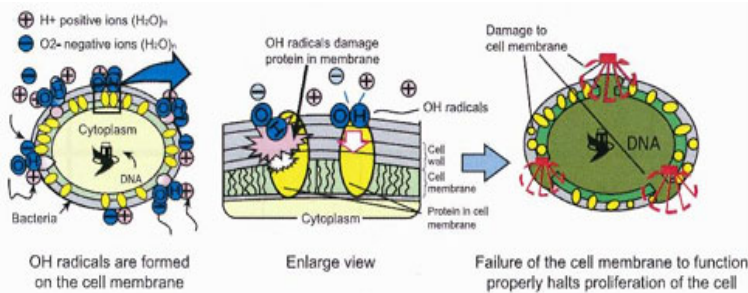
Functions: Kill germs & smell

(3) PhotoCatalytic Oxidation  
光觸媒



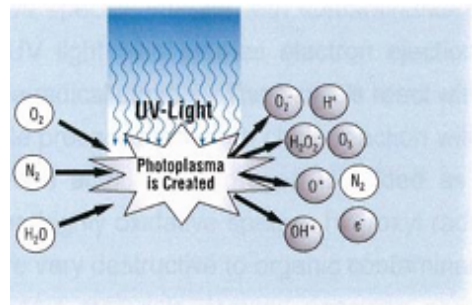
(4a) BioZone Scientific's PureWave  
陽光科技獨有之 PureWave 過程

Process removes contaminants from air and surfaces by combining two very powerful purifying technologies- PhotoPlasma and PhotoChemistry. The synergy of their interaction produces a unique and a superlative way of cleaning air and surfaces of contaminants



(4b) Reduction of biological contaminants by Photo Plasma  
光等離子的抑菌原理

The highly oxidative species hydroxyl radicals are ver destructive to organic contaminants because they steal hydrogen atoms from the organic materials, leaving decaying carbon ions. This entire process turns into a chain reaction the breakdown and formation of new hydroxyl radicals results in the continual decay of organic material



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